DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON, PICATINNY
PICATINNY ARSENAL, NEW JERSEY 07806-5000

June 27, 2014

Environmental Affairs Division

SUBJECT: Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)/Interagency Agreement (IAG) Administrative Docket No. II-CERCLA-FFA-001-04: Submittal of **Final 48 Site Feasibility Study:** Reviews are ER, A-eligible

Mr. William Roach
U.S. Environmental Protection Agency Region 2
290 Broadway, 18th Floor
New York, NY 10007-1866

Ms. Anne Pavelka, Case Manager
New Jersey Department of Environmental Protection
Division of Responsible Party Site Remediation
401 East State Street, Floor 5 P. O. Box 420. Mail Code 401-05F
Trenton, New Jersey 08625-0028

Dear Sir and Madam:

Enclosed for your records and approval are copies of the **Final 48 Site Feasibility Study** (FS). The EPA had approved the tracked-changed version of the document by the attached May 23rd 2014 email.

I am also providing responses to the few comments related to the two sites added to this FS that came from the "5-Site Feasibility Study". We acknowledge that NJDEP has not approved the earlier versions of this FS nor will NJDEP likely approve this version.

We intend during the next number of weeks to provide you drafts of 2 Proposed Plans; each will contain approximately 24 sites.

Sincerely,

Project Manager for Environmental Restoration

Enclosures
CC:

Ms. Barbara Dolce, TAPP Contractor (FTP Site only)
Mr. Jim Kealy, NJDEP (FTP Site only)

Copy of May 23rd, 2014 Email from Bill Roach of USEPA

-----Original Message-----
From: William Roach [mailto:wroach44@gmail.com]
Sent: Friday, May 23, 2014 10:10 AM
To: Gabel, Ted B CIV (US)
Subject: Re: Responses to your comments: Picatinny - 48-Site FS (UNCLASSIFIED)

Ted,

The revisions made to the 48-Site FS sent in an e-mail dated 5/23/14 are satisfactory. Enjoy your weekend.

Bill

On Fri, May 23, 2014 at 9:53 AM, Gabel, Ted B CIV (US) <ted.b.gabel.civ@mail.mil> wrote:

> Classification: UNCLASSIFIED
> Caveats: NONE
> Bill:
> The attached files address your comments that you provided yesterday on the 48 Site FS. To make facilitate your review, all the previous changes that were in the "Red-lined Strike-0ut" (RLSO) were "accepted".
> Also included is the Word version of the text portion in case that is easier for you to look through. ARCADIS will review & format the revised document (and revised tables), but wanted to send to you as quickly as possible.
> Please let us know if you are ok with these edits.
> Thanks. Have a good 3-day weekend (or 4-day weekend but in that case welcome back.)
> Ted Gabel
> Project Manager for Environmental Restoration
> US Army Garrison, Picatinny Arsenal
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> "The Army's Home in Northern New Jersey"
>
> -----Original Message-----
> From: Roach, Bill [mailto:Roach.Bill@epa.gov]
> Sent: Thursday, May 22, 2014 11:32 AM
> To: Gabel, Ted B CIV (US)
> Cc: Anne Pavelka; Barbara Dolce
> Subject: Picatinny - 48-Site FS
> Ted,
>
> I have checked the tracked-changed 48-Site FS and it is acceptable except for the following comments:
>
> 1. Section 3.1.4.4, page 26, last paragraph - It is stated "CERCLA response actions will be evaluated for this site." This statement is no longer valid and should be deleted. This should also be done for all other sites where the statement appears in the document.
> 2. The risk assessment comments included in EPA comments dated December 2, 2013 requested that contaminants detected at Site 153 and 154 be compared to EPA RSLs to ensure that potential risk at the sites are within EPA's acceptable risk range. Please comply.
> 3. Appendix D, Engineering Assumptions and Response Action Alternatives is no longer relevant and should be removed from the document. If an appendix is needed for the cost estimate for Alternative 2, the appendix should be renamed.
>
> Bill

Responses to Comments on the
Draft Final 48 Site Feasibility Study and Response Document
Picatinny Arsenal, Morris County, New Jersey
May 2014

Commenter: Anne Pavelka, NJDEP
Comments Dated: May 30, 2014

Item No.	Report Reference	Comment	Response
The NJDEP has reviewed the 5/13/14 draft of the 48 Site Feasibility Study and the response to comment document. The NJDEP has determined that the previous NJDEP comments are still applicable to the document. The NJDEP did note that the Army has added Site 122/PICA 011 and Site 138/PICA 108 (107) to the 5/13/14 draft of the 48 Site Feasibility Study. Below are the NJDEP's comments on these sites.			
1.	Site 122/PICA 011 – Building 60 Satellite Waste Accumulation Area	Data indicates that surface soils at this site contain at least six SVOCs which were detected in surface soil samples at concentrations greater than the New Jersey Soil Remediation Standards (SRS). Maximum concentrations of 50 D mg/kg benzo(a)pyrene, 200 D mg/kg benzo(b)fluoranthene , 24 mg/kg benzo(k)fluoranthene, 4.2 mg/kg dibenz(a,h)anthracene , and 100 D mg/kg indeno(1,2,3-c,d)pyrene were detected at sample location D-SS122-6. Also, a concentration of 50 D mg/kg benzo(a)pyrene was also detected at D-SS122-2. A maximum concentration of 8.8 benz(a)anthracene (LOC = 2 mg/kg) was also detected at sample location D-SB122-2. PCBs are found in surface soil at concentrations up to 2.6 mg/kg. Subsurface soils contain PAHs and PCBs above NJSRS including maximum concentrations of 12 mg/kg benz(a)anthracene, 13 mg/kg benzo(a)pyrene, 15 mg/kg benzo(b)fluoranthene, 2.5 mg/kg dibenz(a,h)anthracene, and 9.4 mg/kg indeno(1,2,3-c,d)pyrene, as well as PCBs up to 64 mg/kg. In surface soils, one sample contained arsenic at a concentration of 21 mg/kg (NJSRS 19 mg/kg). The three soil samples contained concentrations of manganese that exceeded the NJSRS of 5900 mg/kg, including D-SS122-6, D-122-SS-008, and D-122-SS-009, which had respective concentrations of 15,000 mg/kg, 9530 mg/kg, and 7610 mg/kg. The proposed no further action remedy is not acceptable to NJDEP. A remedy must be proposed to address PAHs and all other contaminants that have NJ SRS exceedances at Site 122.	Noted. Under the CERCLA process under which Picatinny Arsenal is governed, unacceptable site-related risks are required before restoration actions are needed and can be taken. Risk assessments have been conducted at this site in accordance with USEPA risk assessment guidance, and no unacceptable risk has been found for the current and reasonably anticipated future land use. While the calculated hazard indices for the industrial/research worker and construction/excavation worker exceed the threshold of 1, with HIs of 8 and 40, the USEPA and Army agreed, as part of the 5-Site Dispute Resolution, that soil ARARs will not be required to be attained at Site 122 because USEPA's soil remediation goal of 23,000 mg/kg for manganese, the only contaminant with an unacceptable risk/hazard, was not exceeded (USEPA, 2014). Thus, although a noncancer hazard was calculated, contaminant concentrations at this site do not present a noncancer hazard that must be actively mitigated. Further, there are no adverse impacts to ecological receptors. As such, no action is appropriately recommended under the CERCLA process.

Responses to Comments on the
Draft Final 48 Site Feasibility Study and Response Document
Picatinny Arsenal, Morris County, New Jersey
May 2014

Commenter: Anne Pavelka, NJDEP
Comments Dated: May 30, 2014

Item No.	Report Reference	Comment	Response
2.	Site 138/ PICA 108 (107) –Buildings 404, 407 & 408, Chemical Lab & Propellant Plant	Twenty-nine surface soil samples had detections of at least one SVOC at concentrations greater than its respective NJSRS. Maximum concentrations of benz(a)anthracene=(100 D mg/kg). benzo(b)fluoranthene = (200 D mg/kg), benzo(k)fluoranthene = (90 mg/kg), and indeno(1, 2, 3-c,d)pyrene = (70 mg/kg) were detected at location FSS138-6. Maximum concentrations of benzo(a) pyrene (78 mg/kg) and dibenz(a,h)anthracene (13 mg/kg) were detected at sample location F-138-SS-036. The maximum concentration of naphthalene (20 mg/kg) was detected at sample location F-SS138-9. PCBs were detected above the NJ non-residential SRS at 1.8 mg/kg in one surface soil sample location. Arsenic was detected at sample location F-SS138-10 at a concentration of 20.5 mg/kg, and manganese was detected at a concentration of 8500 D mg/kg at sample location F-SS138-6. The NJ SRS for manganese is 5900 mg/kg. The proposed no further action remedy is not acceptable to NJDEP. A remedy must be proposed to address PAHs and all other contaminants with NJ SRS exceedances at Site 138.	Noted. Under the CERCLA process (Superfund) under which Picatinny Arsenal is governed, unacceptable site-related risks are required before restoration actions are needed and can be taken. Risk assessments have been conducted at this site in accordance with USEPA risk assessment guidance, and no unacceptable risk has been found for the current and reasonably anticipated future land use. While the calculated hazard index for the construction/excavation worker exceeds the threshold of 1, HI=6, the USEPA and Army agreed, as part of the 5-Site Dispute Resolution, that soil ARARs will not be required to be attained at Site 138 because USEPA's soil remediation goal of 23,000 mg/kg for manganese, the only contaminant with an unacceptable risk/hazard, was not exceeded (USEPA, 2014). Thus, although a noncancer hazard was calculated, contaminant concentrations at this site do not present a noncancer hazard that must be actively mitigated. the soil exposure point concentration for manganese is less than the USEPA's soil remediation goal for manganese (23,000 mg/kg). Further, there are no adverse impacts to ecological receptors. As such, no action is appropriately recommended under the CERCLA process.

Final 48 Site Feasibility Study

PICA-008, 011, 013, 050, 071, 075, 091, 107, 108, 122, 134, 135, 136, 162, 175, 200, and 209

U.S. Army Garrison Picatinny Arsenal, New Jersey

June 2014

Kimberly Panhorst
Phase Manager

Thomas Crone
Project Manager

Final 48 Site Feasibility Study

PICA-008, 011, 013, 050, 071, 075, 091, 107, 108, 122, 134, 135, 136, 162, 175, 200, and 209

Picatinny Arsenal, New Jersey

Prepared for:
U.S. Army

Prepared by:
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Our Ref.:
GP06PICA.P011

Date:
June 2014

Table of Contents

Table of Contents

Table of Contents

Tables

Figures

Appendices

Acronyms and Abbreviations

AEDB-R	Army Environmental Database - Restoration
AIDECS	Automatic Inspection Device for Explosive Charge in Shell system
ANL	Argonne National Laboratory
ARAR	Applicable or Relevant and Appropriate Requirement
ARCADIS	ARCADIS U.S., Inc.
ARDEC	Armament Research Development and Engineering Center
AST	Aboveground Storage Tank
BERA	Baseline Ecological Risk Assessment
BGS	Below Ground Surface
BNA	Base Neutral/Acid extractables
BRG	Ballistics Rail Gun
BSB	Bear Swamp Brook
CEA	Carpenter Environmental Associates, Inc.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
Ci	Curies
COC	Contaminant of Concern
COPC	Contaminant of Potential Concern
COPEC	Contaminant of Potential Ecological Concern
DCE	Dichloroethene
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DEH	Division of Engineering and Housing
DICAR	Discharge Investigating and Correction Report
DNT	Dinitrotoluene
DSERTS	Defense Sites Environmental Restoration Tracking System
DU	Depleted Uranium
EAO	Environmental Affairs Office
EEQ	Environmental Effects Quotient
EOD	Explosive Ordinance Disposal
ERA	Ecological Risk Assessment
ER-L	Effects Range-Low
FEMA	Federal Emergency Management Agency
FFS	Focused Feasibility Study
FS	Feasibility Study
ft	Foot/Feet
Gal/yr	Gallons per Year
GIS	Geographic Information System
GPB	Green Pond Brook
GPR	Ground Penetrating Radar
GWQS	Groundwater Quality Standards
HHRA	Human Health Risk Assessment
HI	Hazard Index
HMX	Cyclo-tetramethylene tetranitramine
HPO	Health Physics Office

IRP	Installation Restoration Program
IRFNA	Inhibited Red Fuming Nitric Acid
IRSL	Initial Risk Screening Level
ISQG	Interim Sediment Quality Guidelines
IWFNA	Inhibited White Fuming Nitric Acid
KeV	Kiloelectron Volt
Kg	Kilogram
KVA	Kilovolt Ampere
KV	Kilovolt
Lb	Pound
Lb/yr	Pounds per Year
LEL	Lower Explosive Limit
LNAPL	Light Non-Aqueous Phase Liquid
LOX	Liquid Oxygen
mCi	milliCuries
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
MDL	Method Detection Limit
MEC	Munitions and Explosives of Concern
Mg	Milligram
mg/kg	Milligram per Kilogram
MMH	Monoethylhydrazaine
MMRP	Military Munitions Response Program
msl	Mean Sea Level
NARTS	Naval Air Rocket Test Station
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NFA	No Further Action
NJDEP	New Jersey Department of Environmental Protection
NJIS	New Jersey Impairment Score
NRC	Nuclear Regulatory Committee
NRSRS	Non-Residential Soil Remediation Standards
NWI	National Wetland Inventory
NWT	New World Technology
ORC	Oxygen Releasing Compound
OSA	Outdoor Storage Area
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PAH	Polynuclear (or polycyclic) Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
pCi/g	picoCuries per Gram
pCi/L	picoCuries per Liter
PETN	Pentaerythritol tetranitrate
Picatinny	Picatinny Arsenal
PID	Photoionization Detector
PP Metals	Priority Pollutant Metals
ppb	Parts per Billion
ppm	Parts per Million

ppmv	Parts per Million by Volume
PRG	Preliminary Remediation Goals
PTA	Picatinny Arsenal
RA	Response Action
RAGS	Risk Assessment Guidance
RCRA	Resource Conservation and Recovery Act
RDX	Cyclo-trimethylene trinitramine
RI	Remedial Investigation
RMD	Reaction Motors Division
ROD	Record of Decision
RPO	Radiation Protection Office
RRSE	Relative Risk Site Evaluation
RSL	Risk Screening Level
SARA	Superfund Amendments and Reauthorization Act (1986)
SC	Screening Criterion/Criteria
SI	Site Investigation
SLERA	Screening Level Ecological Risk Assessment
SOP	Standard Operating Procedure
SQB	Sediment Quality Benchmark
SRS	Soil Remediation Standard
SSFA	Soil-to-Skin Adherence Factor
SVOC	Semivolatile Organic Compound
SWAT	Special Weapons Assault Team
TAL	Target Analyte List
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TEA	Triethylaluminum
TECUP	Toxic and Energetic Cleanup Program
TNT	Trinitrotoluene
TPH	Total Petroleum Hydrocarbons
TWP	Temporary Well Point
UDMH	Unsymmetrical Methylhydrazaine
ug/L	Micrograms per Liter
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USAEC	United States Army Environmental Command
USAEHA	U.S. Army Environmental Hygiene Agency
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VOC	Volatile Organic Compound
WWI	World War I
WWII	World War II

Executive Summary

This report presents the methodology and results of a feasibility study (FS) conducted to address surface and subsurface soil, as well as sediment, surface water, and/or groundwater where applicable, at 48 sites in 17 PICA-numbered sites at Picatinny Arsenal, New Jersey:

- PICA-008 (007)/Site 1
- PICA-008/Site 2
- PICA-008 (157)/Site 4
- PICA-011/Site 122
- PICA-013/Site 78
- PICA-050/Site 3
- PICA-071/Sites 29
- PICA-071/Site 45/39
- PICA-075/Site 36
- PICA-075/Site 47
- PICA-075/Site 102
- PICA-075/Site 188
- PICA-091/Site 55
- PICA-091/Site 62
- PICA-091/Site 64
- PICA-091/Site 98
- PICA-091/Site 100
- PICA-091/Site 127
- PICA-091/Site 128
- PICA-091/Site 129
- PICA-091/Site 130
- PICA-091/Site 132
- PICA-107/Site 138
- PICA-108/Site 90
- PICA-108/Site 111
- PICA-108/Site 137
- PICA-108/Site 139
- PICA-108/Site 140
- PICA-108(210)/Site 210
- PICA-122/Site 126
- PICA-134/Site 30
- PICA-134/Site 70
- PICA-134/Site 83
- PICA-135/Site 71
- PICA-135(137)/Site 82
- PICA-135/Site 158
- PICA-135/Site 159
- PICA-136/Site 79
- PICA-162/Site 5
- PICA-162/Site 6
- PICA-175/Site 115
- PICA-175/Site 151
- PICA-175/Site 152
- PICA-175/Site 153
- PICA-175/Site 154
- PICA-200/Site 200
- PICA-209/Site 209

This FS was performed in accordance with the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It should be noted that for PICA-008/Sites 1, 2, and 4 the only media included for evaluation in this FS is soil. At PICA-013/Site 78, the only media addressed include soils and sediment. The other media at these sites have been addressed under separate CERCLA Decision Documents.

Human Health Risk Assessments (HHRAs) and Ecological Risk Assessments (ERAs) were developed for the sites during the Remedial Investigations (RIs). The HHRA quantified potential risks and hazards associated with exposure to Chemicals of Potential Concern (COPCs) in soil at each site. The Screening Level ERAs (SLERAs)

and/or Baseline ERAs (BERAs) quantified potential risks associated with terrestrial and aquatic wildlife exposure to Chemicals of Potential Ecological Concern (COPECs) in soil, sediment, and surface water.

The HHRA was reassessed during preparation of this FS. Updated parameters include the soil-to-skin adherence factor (SSAF) for dermal absorption and baseline blood lead concentration, geometric standard deviation, exposure frequency, and soil ingestion rate for the Adult Lead Model. In addition, risk-based cleanup goals (RCBGs) and lead preliminary remediation goals (PRGs) were calculated. A memorandum summarizing the updated HHRA and calculated remedial goals is included as Appendix C. The results of the updated HHRA indicate potential risks to the industrial/research worker and construction excavation worker were within or lower than the United States Environmental Protection Agency (USEPA) generally acceptable risk range of 1E-04 to 1E-06 and hazards were lower than the threshold of 1.

While there are no unacceptable risks or hazards for the current and reasonably anticipated future use at these sites, in most cases, they cannot be released for unrestricted use due to unacceptable risks or hazards under the residential scenario. Consistent with CERCLA, remedies are assessed and selected based on human health risks and ecological impacts for only the current and reasonably anticipated future uses, which is military/industrial. Because there are no unacceptable risks for the current and reasonably anticipated use of these sites, only two Response Action (RA) alternatives are developed in this FS: No Further Action (NFA) and No Further Action with Monitoring of Land Use. The seven CERCLA evaluation criteria (overall protection of human health and the environment; compliance with Applicable or Relevant and Appropriate Requirements (ARARs); long-term effectiveness and permanence; reduction of toxicity, mobility, or volume of wastes; short-term effectiveness; implementability; and cost) were applied to compare the anticipated performance of each alternative. State and community acceptance will be evaluated fully in the Proposed Plan and documented in the Record of Decision (ROD). The two alternatives evaluated herein are listed below.

- Alternative 1 – No Further Action. No remedial action of any kind would be employed.

- Alternative 2 – No Further Action with Monitoring of Land Use. No remedial action of any kind would be employed; however, annual monitoring of existing controls and land use will be conducted and reports provided to USEPA and New Jersey

Department of Environmental Protections (NJDEP) to ensure their uses remain consistent with the risk assessment assumptions (military/industrial).

Of the aforementioned sites in this FS, NFA is recommended for PICA-075/Site 36 and PICA-175/Site 154 because, although risk assessments were not conducted for these sites, data are less than the USEPA, NJDEP Residential Soil Remediation Standards (SRS), and/or background levels established for Picatinny Arsenal. Therefore, these sites have no unacceptable health risks or hazards associated with them for residential scenarios and can be released for unrestricted use. At the remaining 46 of the 48 sites/buildings addressed in this FS, the contaminant levels, risks, and hazards at the sites are not low enough to allow unrestricted use.

1. Introduction

ARCADIS U.S. Inc. (ARCADIS) has been retained by the United States Army Environmental Command (USAEC) to perform Installation Restoration Program (IRP) activities at Picatinny Arsenal (Picatinny or PTA), located in Morris County, New Jersey. This work is being conducted under a Performance Based Contract that encompasses 45 Picatinny Arsenal (PICA) sites. The full scope of services for this contract is defined in Contract W91ZLK-05-D-0015 Task Order 0001.

This document has been prepared pursuant to United States Environmental Protection Agency (USEPA) guidance (USEPA 1988) under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) [40 Code of Federal Regulations (CFR) 300]; the National Environmental Policy Act of 1969; and the President's Council on Environmental Quality regulations (40 CFR 1500 – 1508).

This report presents the methodology and results of a feasibility study (FS) conducted to address surface and subsurface soil, sediment, surface water, and/or groundwater, where applicable, at the following 17 PICA-Sites (48 Remedial Investigation [RI] Concept Sites):

- PICA-008 – Buildings in Area J – consisting of Sites 1, 2, and 4
- PICA-011 – Satellite Waste Accumulation Area – consisting of Site 122
- PICA-013 – Building 91, Optics Prototype Facility – consisting of Site 78
- PICA-050 – Former Reaction Motors/Rocket Fuel Test Area, 1500 Series Buildings – consisting of Site 3
- PICA-071 – Drum Storage Yard – consisting of Sites 29 and 45/39
- PICA-075 – 3000 Area – consisting of Sites 36, 47, 102, and 188
- PICA-091 – 200 Area – consisting of Sites 55, 62, 64, 98, 100, 127, 128, 129, 130, and 132

- PICA-107 - Buildings 404, 407, and 408, Chemical Lab and Propellant Plant – consisting of Site 138
- PICA-108 – Buildings in 300/400 Area – consisting of Sites 90, 111, 137, 139, 140, and PICA-210
- PICA-122 – Propellant Testing (Building 197) – consisting of Site 126
- PICA-134 – Buildings in Area I – consisting of Sites 30, 70, and 83
- PICA-135 – 900 Area – consisting of Sites 71, 82, 158, and 159
- PICA-136 – High Pressure Boiler (Building 3013) – consisting of Site 79
- PICA-162 – Shell Burial Area – consisting of Sites 5 and 6
- PICA-175 – 600 Area – consisting of Sites 115, 151, 152, 153, and 154
- PICA-200 – Buildings in Area L
- PICA-209 – Locomotive Area

It is noted that in some cases other CERCLA documents are evaluating, or have evaluated, media at some of these sites including:

- Surface water and sediment data related to the Picatinny Lake are being addressed in the Lakes FS (PICA-015, 057, and 195 [ARCADIS 2009a])
- Groundwater at several sites located within the Mid-Valley Region was addressed in the Record of Decision (ROD) (U.S. Army, 2012) and Remedial Design (RD) (ARCADIS, 2013) for the Mid-Valley
- Groundwater at Sites 29 and 45/39 was addressed in the FS for the Area D groundwater ROD (USEPA 2004a)
- For PICA-008/Sites 1, 2, and 4, the only medium included for evaluation in this FS is soil as groundwater and surface water have already been addressed under a separate action

- For PICA-013/Site 78, the only media included for evaluation in this FS are soils and sediment as groundwater and surface water have already been addressed under a separate action

The purpose of the FS is to develop and evaluate response alternatives to assist in the selection of an appropriate response action for the sites. This FS addresses environmental media through the completion of the following tasks:

- Assessment of site-related human health risks and impacts to the environment
- Identification of remedial technologies
- As required by CERCLA/SARA, assembly of the remedial technologies into response action (RA) alternatives that, to the maximum extent practicable, utilize permanent solutions and alternative technologies
- Performance of a detailed analysis of the RA alternatives using the seven evaluation criteria listed in the NCP (State and Community Acceptance are evaluated in the Proposed Plan)

This FS includes 48 sites that were assessed during the RI process. The RI process identified several sites that exhibited risk to human health in exceedance of the 1E-04 cancer risk or noncancer hazard of 1. However, the human health risk assessment (HHRA) was reassessed and updated during preparation of this FS to include updated parameters. These parameters include the soil-to-skin adherence factor (SSAF) for dermal absorption and baseline blood lead concentration, geometric standard deviation, exposure frequency, and soil ingestion rate for the Adult Lead Model. A memorandum summarizing the updated HHRA is included as Appendix C.

Forty-four (44) sites in this FS have risks within or less than the USEPA generally acceptable risk range (1E-06 to 1E-04) for the current and reasonably anticipated future use (military/industrial). Two of the sites (PICA-011/Site 122 and PICA-107/Site 138) have hazard indices that are greater than the threshold value of 1 due to manganese; and the concentrations of manganese onsite are less than the EPA's soil remediation goal for manganese (23,000 mg/kg). Risk assessments were not conducted for PICA-075/Site 36 and PICA-175/Site 154 because no constituents of concern were identified; however, data for these sites are less than the United States Environmental Protection Agency (USEPA), New Jersey Department of Environmental Protections (NJDEP) Residential Soil Remediation Standards (SRS), and/or

background levels established for Picatinny Arsenal. Therefore, these sites have no unacceptable health risks or hazards associated with them for residential scenarios and can be released for unrestricted use.

1.1 Report Organization

In addition to this introduction, this report is divided into eight sections as follows:

- Section 2 – Background: This section presents information regarding Picatinny Arsenal and individual site characteristics. The facility history, geology, topography, hydrogeology, surface water, wetlands, and Picatinny Master Plan are discussed.

- Section 3 – Site Summaries: The site summary section provides information regarding the site characteristics, site description, and site history. The scope and results of previous environmental investigations are summarized, as are the evaluations of human health risk and ecological risk resulting from exposure to contaminants present in this group of sites.

- Section 4 – Response Action. The scope and objectives of the response action are discussed.

- Section 5 – Identification and Screening of Remedial Technologies: Potential Remedial Technologies are discussed and evaluated.

- Section 6- Development of Response Action Alternatives: Two response action alternatives for this group of sites are identified.

- Section 7 – Evaluation of Response Action Alternatives: Using the seven criteria identified in the NCP [40 CFR 300.430(e)], an evaluation of response action alternatives for the sites is conducted.

- Section 8 – References: The references used to develop this report are provided.

2. Site Background

2.1 Site Location and History

Picatinny Arsenal is a 5,900 acre government-operated munitions research and development facility located in Morris County, New Jersey, approximately 40 miles west of New York City and four miles northeast of Dover, New Jersey. The Arsenal sits in the Highlands of the state of New Jersey (Figure 2-1).

Picatinny Arsenal was established in 1880 by the U.S. War Department as a storage and powder depot. Later it was expanded to assemble powder charges for cannons and to fill projectiles with maximite (a propellant). During World War I (WWI), Picatinny Arsenal produced all sizes of projectiles. In the years following WWI, Picatinny Arsenal began projectile melt-loading operations and began to manufacture pyrotechnic signals and flares on a production basis. During World War II (WWII), Picatinny Arsenal produced artillery ammunition, bombs, high explosives, pyrotechnics, and other ordnance. After WWII, Picatinny Arsenal's primary role became the research and engineering of new ordnance. However, during the Korean and Vietnam conflicts, Picatinny Arsenal resumed the production and development of explosives, ammunition and mine systems.

In recent years, Picatinny Arsenal's mission has shifted to conducting and managing research development, life-cycle engineering, and support of other military weapons and weapon systems. The facility has responsibility for the research and development of armament items. The Base Realignment and Closure process in 2005 resulted in Picatinny being designated to remain open and take on expansion in mission.

2.2 Geology

Picatinny lies within Green Pond Valley, a glaciated river valley bounded by Green Pond Mountain to the northwest and Copperas Mountain to the southeast. Elevations at Picatinny range from approximately 1,000 feet (ft) above mean sea level (msl) to 700 ft above msl at Green Pond Brook (GPB) at the southern installation boundary. Green Pond Valley is filled with glacially-derived sediments surrounded and underlain by bedrock. The basement rocks are faulted by a series of northeast/southwest trending faults.

2.3 Area of Feasibility Study

The seventeen PICA-sites addressed in this FS are located in Picatinny within Areas D, F, G, H, I, J, K, L, M, and P as designated in the Argonne National Laboratory (ANL) RI Concept Plan (ANL 1991). The RI study sites addressed in the FS are as follows: four sites in Area D (29, 45/39, and 122); six sites in Area F (111, 126, 138, 139, 140, and PICA-209); one site in Area G (PICA-210); ten sites in Area H (55, 62, 64, 98, 100, 127, 128, 129, 130, and 132); 12 sites in Area I (30, 47, 70, 71, 79, 82, 83, 90, 102, 137, 158, and 159); three sites in Area J (1, 2, and 4); one site in Area K (3); five sites in Area L (5, 6, 36, 188, and PICA-200); five sites in Area M (115, 151, 152, 153, and 154); and one site in Area P (78). Area D covers approximately 89 acres and is located in the west-central portion of Picatinny. Areas F and G are situated near the center of Picatinny and cover approximately 77 and 40 acres, respectively. Area H is located southwest of Picatinny Lake along the base of Green Pond Mountain. Area I is located at the approximate center of Picatinny and consists of Picatinny Lake and production and storage facilities located around the shore of the lake. Area J is located south of Lake Denmark in the northeastern portion of Picatinny. Area K is located in a heavily wooded, central portion of Picatinny, and east of Picatinny Lake. Area L is located near the southeast border of the facility and Area M is located on the ridge that constitutes the western boundary of Picatinny. Area P is located at the southwestern corner of Picatinny, southeast of Green Pond Mountain and northwest of GPB. Figure 2-2 presents the location of Areas D, F, G, H, I, J, K, L, M, and P at Picatinny, New Jersey. Figures 2-3 through 2-12 present the specific sites in Areas D, F, G, H, I, J, K, L, M, and P, respectively.

The Army maintains the Army Environmental Database - Restoration (AEDB-R) system [formerly the Defense Sites Environmental Restoration Tracking System (DSERTS)] for organizing all of the sites in the installation restoration program. In this database, the 48 sites covered in this FS are designated PICA-050 (Site 3), PICA-071 (Sites 29 and 45/39), PICA-075 (Sites 36, 47, 102 and 188), PICA-091 (Sites 55, 62, 64, 98, 100, 127, 128, 129, 130, and 132), PICA-108 (Sites 90, 111, 137, 139, 140 and PICA-210), PICA-122 (Site 126), PICA-134 (Sites 30, 70 and 83), PICA-135 (Sites 71, 82, 158 and 159), PICA-136 (Site 79), PICA-162 (Sites 5 and 6), PICA-175 (Sites 115, 151, 152, 153 and 154), PICA-200 (Site 200, grouped as; Building 1037; Buildings 1030 and 1038; Building 1090; Buildings 1414, 1414A, and 1415; and Building 1437) , PICA-209 (grouped as; Building 167; Building 303; Building 426; Building 430; and Building 462A), PICA-008 (Sites 1, 2, and 4), PICA-013 (Site 78), PICA-011 (Site 122), and PICA-107 (Site 138).

2.3.1 Topography and Geology of the FS Area

The geology and topography of the FS area are summarized below for each RI Area addressed in this FS.

Area D: Area D is flat with elevations ranging from approximately 695 to 715 ft msl. Surface water runoff is minimal, as precipitation on the golf course and other undeveloped grassy portions of Area D infiltrates into the ground. Storm drains, which lead to Bear Swamp Brook (BSB) before it reaches GPB, control surface water runoff.

Area D geology consists of the Leithsville Dolomite, which is overlain by glacial sediments. Glacial sediments range in thickness from approximately 100 to 250 ft. Recent swamp deposits occur in the northwest portion of Area D and are represented by organic clays and muck up to five ft thick.

Area F: The northwestern and central portions of Area F are essentially flat and lie in the valley region of Picatinny, with an approximate elevation of 690 to 700 ft above msl. Elevations increase to the north and east to approximately 725 to 755 ft msl. Area F is moderately developed with paved, grassy, and marshy areas. Surface water flows from higher elevations to the flatter valley regions and is partially controlled by storm drains in developed areas that drain into GPB or its tributaries.

Area F geology consists of Precambrian Biotite Gneiss, Hardyston Quartzite, and Leithsville Dolomite, which are overlain by glacial sediments. Glacial sediment thickness varies from 40 ft along the northeast boundary of Area F to 90 ft in the center of the valley, with the thickest section of approximately 120 ft in the central portion of Area F, near Building 176. Recent Holocene swamp deposits occur at the surface along the flood plains of GPB and its tributaries and range in thickness from approximately a few feet up to 30 to 35 ft in thickness. Soils and swamp deposits in Area F have been extensively modified by artificial fill as a result of land development and construction activities.

Area G: Area G is situated in a nearly flat valley region of Picatinny between GPB and BSB. The topography in Area G ranges from approximately 690 to 710 ft msl. Surface water runoff in Area G flows directly towards GPB except in the southern portion of Area G where runoff first drains to a wetland area and then towards GPB.

Area G geology consists of the Leithsville Dolomite, which is overlain by glacial sediments. Glacial sediment thickness varies from 60 ft along the northwest boundary

of Area G to 95 ft in the center of the valley. The thickest glacial sediments occur along the southwest boundary of Area G, where the thickness is estimated to be 135 ft. Holocene swamp deposits occur along the flood plains of GPB and its tributaries. These deposits consist of organic silt and clay and range in thickness from approximately a few feet to 30 to 35 ft. The surficial soils and the swamp deposits in Area G have been extensively modified by artificial fill as a result of land development and construction activities.

Area H: Area H is situated in a small valley bounded on the west by Green Pond Mountain and to the east-southeast by a slightly elevated hill. BSB and its associated floodplain transect the center of the valley and flow from northeast to southwest. The highest surface elevations found within Area H are along the slopes of Green Pond Mountain at approximately 750 ft msl near Site 151. Elevations within Area H decrease to the southwest and the lowest elevations within Area H occur near the southern boundary, along BSB. Surface elevations in these areas range from 696 to 707 ft msl. Surface topography slopes from Green Pond Mountain and the elevated hill towards BSB and then down-valley.

Area H bedrock geology consists of four different formations; Green Pond Conglomerate, Leithsville Dolomite, Hardyston Quartzite, and Precambrian Gneiss. In addition, two unconsolidated geologic units were identified in Area H. The first unit is characterized by fine-grained deltaic sediments related to post-glacial alluvium associated with BSB. This sequence contains fine to coarse sand lenses of silt, clay, and occasional gravel stringers. The second unit is classified as unstratified, unsorted glacial till deposited by subglacial drainage. This sequence consists of fine to coarse sand and gravel with trace fines and was identified throughout the area.

Area I: Operations in this area include explosives manufacturing, loading and storage, shell washout, and research and development. Area I also contains the main power generating plant for the arsenal, located on the south shore of Picatinny Lake.

Area I encircles Picatinny Lake and the associated flood plain which is present in the main valley floor. The area is bounded to the northwest by Green Pond Mountain and to the southeast by the unnamed ridge. To both the northeast and southwest of the area, the main valley floor continues. Following regional topographic trends, the elevated ridges slope into the valley floor, and the valley floor then slopes gently to the southwest. Surface water bodies in Area I, which include Picatinny Lake and GPB, act as groundwater discharge areas and drain the installation.

Area J: is located along the unnamed ridge that trends from northeast to southwest along the southeast side of the installation. This area is transected by a small valley that trends from northwest to southeast, perpendicular to the direction of the axis of the ridge on which it is located. Site 2 is located in this valley with Site 1 on the ridge to the northeast and Site 4 on the ridge to the southwest. Elevations within this valley range from 800 to 900 ft msl. The valley acts as a collection area for surface water runoff from the surrounding ridges and is characterized by a series of wetlands, streams, and ponds. Topography of the valley slopes gradually to the southeast, and off of the installation.

This valley is bounded to the southwest and the northeast by two elevated ridges where elevations exceed 1,000 ft msl and 960 ft msl, respectively. The surface topography consists of glacial woodlands present on the elevated ridges of the valley while low-lying swampy marshes dominate the valley floor. Various small streams and drainage ditches transverse the valley floor, which along with a pond and reservoir serve as collection basins for surface water runoff. Various industrial structures, activities, and roadways are present in the valley floor and on the ridges, and have disturbed the topography in the low-lying valley and ridges and the natural pattern of surface water flow and drainage.

Surface water bodies within Area J include several small unnamed streams and drainage ditches which transect the valley floor, low-lying swampy marshes, a small pond (0.3 acre), a 4.5-acre reservoir located within Site 2 (i.e., G-2 Reservoir), and a small gunnite-lined rocket exhaust pond located within Site 4. One small stream, the 1500 Run, enters the area from the southwest. This stream drains surface water from Site 3, which is located to the southwest. The 1500 Run discharges to Stillwell Pond, a 0.3-acre pond located in the center of Site 2. Stillwell Pond discharges to the marshy area associated with the G-2 Reservoir via Stillwell Run. Another prominent surface water feature is Pre-Ames Brook, which enters the area from the north. Pre-Ames Brook drains from Gravel Dam Cove, winds through an undeveloped woodland north of Site 2, and discharges to the marshy area located west of the G-2 Reservoir. However, beaver activity in the G-2 Pond has created a wetland area surrounding most of Pre-Ames Brook. As a result, the brook channel is not distinguishable near the G-2 Pond. Flow from Gravel Dam Cove to Pre-Ames Brook was extremely limited in September 1997, suggesting that the wetland area is due primarily to back-up from the G-2 Reservoir. Most surface water in Area J, except for the rocket exhaust pond, drains east through the valley, where it collects in the G-2 Reservoir for eventual off-site drainage through Ames Brook.

Area K: is located in a heavily wooded area, east of Picatinny Lake. Area K was previously owned and operated by the Department of the Navy and is commonly referred to as Navy Hill. The area is currently active, although its uses have changed over the past 50 years.

An intermittent stream conveys surface water drainage from the far western portions of Area K both overland and through a series of underground pipes and culverts to GPB located to the northwest. The eastern portion of the area is predominantly swampland. As a result, drainage channels have been dug to convey surface water away from structures. Drainage pathways from the area include a stream behind Building 1507, a channel through the berm area of the Building 1505 Test Range, and a channel along the road to the west of the Building 1505 Test Range. These three drainage features converge in a swale between Buildings 1501 and 1504 and ultimately discharge to a 500,000-gallon capacity reservoir, which was created during the 1950s and is located to the north.

Area L: is located near the southeast border of the facility on the gently rising hillside and the unnamed ridge near the Mt. Hope entrance. Area L is bordered by the facility boundary to the southeast, Area F in Phase I to the northwest, and Areas I and K in Phase II to the north.

Area L consists of several different former explosive production, storage and testing areas and contains buildings in the 1000, 1300, 1400, and 3100 number series. The 1000 series buildings were associated with the production of high explosives; 1300 series buildings were associated with nitroglycerin production; 1400 series buildings predominantly supported propellant production; and 3100 series building were used for storage and testing of ordnance items. The majority of the sites within Area L are located within the Mt. Hope enclosure.

Robinson Run, a tributary of GPB, flows westward through the central portion of Area L and serves as the primary surface water discharge point in the central portion of Area L. Robinson Run originates from a spring/seep in a marshy headwaters area proceeds in a westerly direction. An unnamed intermittent tributary originating at Fisher's Pond feeds Robinson Run from the south.

Area M: Area M is located on the ridge that constitutes the western boundary of Picatinny. The ridge is part of Green Pond Mountain. Elevations in Area M vary from 775 ft msl in the southeast and 800 ft msl in the southwest to 1,100 ft msl in the northwest and 1,175 ft msl in the northeast.

The unconsolidated unit consists of unstratified and unsorted glacial till. The till is described as pebbles and cobbles in a silty fine sand matrix. Based on the glacial geology observed in other ridged areas within Picatinny, the thickness of the glacial strata increases toward the valleys. Glacial deposits are generally thin (<50 ft) on the ridges and may increase to 200–300 ft in the center of the valleys. Swamp deposits occur sporadically in the low-lying areas and are represented by organic clays and muck that are encountered at the surface.

Area P: Area P is located at the southwestern corner of Picatinny Arsenal, with Green Pond Mountain to the northwest and GPB to the southeast. Most of Area P is relatively flat with the exception of the western portion, which is characterized by steep slopes associated with Green Pond Mountain. Elevations range from approximately 685 ft msl in the marshy area to 750 ft msl in the northern corner near Site 94. The majority of the land in Area P (including Site 78) is in swampy low-lying areas with an average elevation of approximately 695 ft msl.

Numerous engineered drainage ditches are present in Area P, which direct storm water runoff from roadways in a southeasterly direction to nearby GPB. Surface water flow in these drainage ditches is often sluggish or stagnant. GPB, the principal drainage feature, flows to the southwest and exits the facility approximately 3000 ft south of the site.

Based on boring information from other wells installed in adjacent areas, the soil thickness is estimated to be between 200 and 250 ft at Area P. The basal unconsolidated sequence is a poorly sorted till consisting of sand, gravel, and boulders in a fine-grained matrix of silts and clays. The lower sequence is overlain by a fine-grained middle sequence consisting predominantly of silt, laminated with very fine to fine sand and clay. The upper sequence coarsens upward from fine sand and silts at the base through medium sand and silt with gravel to medium sand and gravel at the top of the sequence. Swamp deposits occur sporadically in the low-lying areas and are represented by thin layers of organic clays and muck that are encountered at the surface. It has been determined that the swamp deposits formerly had a greater aerial extent in Area P than currently observed; a significant portion of these deposits have been historically excavated in the developed portions of the area and replaced by artificial fill material.

2.3.2 Hydrogeology

The principal source of groundwater in the Green Pond Valley is found in the stratified drift deposits filling the valley floor. The low-permeability and the steep slopes of Green Pond Mountain and Copperas Mountain restrict infiltration of precipitation in these mountains. As a result, most precipitation flows overland and into the highly permeable stratified drift deposits in the valley center. The small amount of precipitation that enters Green Pond and Copperas Mountains flows down through shallow fractures to the glacial sediments in the valley.

The principal aquifers in the Picatinny region are located in stratified drift deposits found in the valley areas. Production wells in the stratified drift average 500 gallons per minute in the general area surrounding Picatinny. Conversely, the bedrock aquifer is infrequently used for production wells because of limited fracture occurrence and generally low hydraulic conductivity. Regionally, fractures in the Precambrian basement present an important, yet limited, groundwater source, particularly where the glacial stratified drift deposits are thin or non-existent. As bedrock groundwater production is fracture-controlled and highly variable, yield from large-diameter wells in the bedrock average less than 100 gallons per minute. However, domestic bedrock wells that yield only a few gallons per minute are common in the region.

2.3.3 Wetlands and Floodplains

Area D: None of the four Area D sites (PICA-011/Site 122, PICA-071/Site 29, and PICA-071/Site 45/39) is located within a wetland specified by the National Wetland Inventory (NWI) or in the 100-year floodplain specified by the Federal Emergency Management Agency (FEMA).

Area F: Of the six study sites in Area F, three sites are located within a wetland or wetland buffer (within 50 ft of the wetland) as shown on the NWI map: PICA-108/Site 139, PICA-108/Site 140, and PICA-209/Site 209. PICA-108/Site 111, PICA-122/Site 126, and PICA-107/Site 138 are not located within a wetland or wetland buffer. None of the six sites are located within the 100-year floodplain specified by the FEMA.

Area G: The one site in Area G (PICA-108 (210)/Site 210) considered in this FS is not located within the 100-year floodplain or within a wetland or wetland buffer zone.

Area H: Of the ten study sites in Area H considered in this FS, three sites are located within a wetland or wetland buffer (within 50 ft of the wetland) as shown on the NWI

map: PICA-091/Site 64, PICA-091/Site 130, and PICA-091/Site 132. None of the Area H sites is identified within the 100-year floodplain.

Area I: Of the twelve study sites in Area I considered in this FS, none of the sites are located within the 100-year floodplain. One site within Area I is located within a wetland or wetland buffer (within 50 ft of the wetland) as shown on the NWI map: PICA-135/Site 158.

Area J: Of the three study sites in Area J considered in this FS, two sites are located within a wetland or wetland buffer (within 50 ft of the wetland) as shown on the NWI map: PICA-008/Site 2 and PICA-008 (157)/Site 4. None of the Area J sites are located within the 100-year floodplain.

Area K: No sites in Area K are located within a wetland, wetland buffer zone, or the 100-year floodplain.

Area L: Of the five study sites in Area L, one site is located within a wetland or wetland buffer (within 50 ft of the wetland) as shown on the NWI map: PICA-200/Site 200. None of the Area L sites are located within the 100-year floodplain.

Area M: None of the five study sites in Area M are located within a wetland or wetland buffer (within 50 ft of the wetland) as shown on the NWI map, or within the 100-year floodplain specified by the FEMA.

Area P: The one site in Area K considered in this FS is located within a wetland or wetland buffer zone: PICA-013/Site 78. This site is not located within the 100-year floodplain.

3. Site Summaries

The following sections present the site history, summaries of previous investigations, nature and extent of contamination, and risk assessment results for each of the 45 study sites addressed in this FS. The current and anticipated future land use of these sites is military/industrial. For the purposes of discussion in the RI/FS the following screening criteria (SC) were used:

- For soils, the promulgated NJDEP Non-Residential Soil Remediation Standards (NRSRS) were used as the preliminary SC. In the absence of state criteria, the USEPA Industrial Regional Screening Levels (IRSLs) were used as SC. If the Picatinny-specific background value was higher than the selected guidance criteria, the background value was selected as the SC.

- For sediments, the lower of the Interim Sediment Quality Guidelines (ISQGs), New York Sediment Criteria, and Sediment Quality Benchmarks (SQBs) were used as SC. In the absence of the aforementioned guidance values, the effects range low (ER-Ls) from NJDEP were used. If there were also no ER-Ls, the lower of IRSL and NRSRS were selected for the preliminary SC. If the Picatinny-specific background value was higher than the selected guidance criteria, the background value was selected as the SC.

- For surface water, the promulgated New Jersey Surface Water Quality Criteria were selected as the preliminary SC. If state criteria were absent, the USEPA Water Quality Criteria were selected as the preliminary SC. Only in the absence of water quality criteria was the USEPA Tap Water (1E-06) Risk Screening Level (RSL) selected as the SC. If the Picatinny-specific background value was higher than the selected guidance criteria, the background value was selected as the SC.

- For groundwater, the lower of the New Jersey Groundwater Quality Standards (GWQS) (or the Practical Quantitation Limit if higher), the New Jersey Maximum Contaminant Levels (MCLs), the Federal MCLs; or the Federal non-zero Maximum Contaminant Level Goals (MCLGs) were used as SC. If none of these were available, Federal Health Advisories or USEPA RSLs for Tap Water were used as screening criteria. Environmental conditions related to groundwater at some of these sites are addressed on an area-wide basis in the Mid-Valley ROD report (ARCADIS 2009b) or in the Area D Record of Decision (ROD) (USEPA 2004a).

The preliminary SC and regulations considered during development of soil, sediment, surface water, and groundwater SC are summarized in Appendix B. Note that for the purposes of the risk assessment screening was conducted in accordance with Risk Assessment Guidance for Superfund (RAGS).

3.1 PICA-050/Site 3 – Former Reaction Motors/ Rocket Fuel Test Area, 1500 Series Buildings

3.1.1 Site History

PICA-050/Site 3, as shown in Figure 3-1, is located in Area K east of Lake Denmark Road off of Hart Road. Site 3 is situated in a heavily wooded area along the ridge that trends along the southeastern boundary of Picatinny Arsenal (PTA), and surface topography slopes slightly towards the northeast. The eastern portion of the site is predominantly swampland, characterized as freshwater forested or shrub wetlands. Drainage pathways have been dug to keep surface water away from building structures, and the channels ultimately drain northeast to the 1500 Reservoir. Groundwater is assumed to flow northeast, toward the G-2 Pond in Area J (Shaw 2004a). This site consists of two groups of buildings: the Western Explosives Area and the Eastern Pyrotechnics Area.

<u>The Western Explosive Area</u>

The Western Explosive Area is comprised of buildings 1500 to 1508. The majority of the buildings were constructed of steel-reinforced concrete in the late 1940s, and they are surrounded on three sides by blast-protective, earthen berms. The western area of Site 3 was used for the large-scale storage, production, conditioning, loading, and testing of pyrotechnics, explosives, and solid rocket propellants from 1947 through the early 1960s. Rocket propellants powder was stored in Building 1501, conditioned in Buildings 1502 and 1503, loaded in Building 1506, and tested in Building 1505 Test Range.

From 1960 to the present, Building 1501 has been used as an office, and as an instrumentation and machine shop. Cutting oil and acetone are used in this building. Building 1502 operates as a storage (heating and refrigeration) facility. Building 1503 continues to serve as an explosives conditioning facility. Building 1504 is a storage and field office where depleted uranium (DU) and radioactive waste were reportedly stored. Building 1505 is the control center for propellant testing at the Building 1505 Test Range. The test range is composed of six concrete test bays (Buildings 1505-A

through 1505-F) and storage structures (buildings 1505-H through 1505-K). Building 1505-G has been demolished. The last reported use of the test bays are field testing various high explosives and projectiles, machine guns, propellants, and igniter/fuze assemblies. Specific materials used within the test range include: high explosives such as nitroglycerine, cyclo-tetramethylene tetranitramine (HMX), and cyclo-trimethylene trinitramine (RDX); oxidants such as nitrates, vinyl acetate, polystyrene and epoxy; and metals such as beryllium, DU, lead, aluminum, magnesium, titanium, niobium, molybdenum, and zirconium.

Building 1506 was used for explosives loading. Acetone, dimethyl phthalate, cobalt, black powder, black lacquer, and methyl ethyl ketone are documented as supporting Building 1506 operations. Buildings 1507 and 1507B were last reported as being used for storage of explosives, while Building 1508 is used for the storage of photographic chemicals/hazardous wastes.

The last reported use of the Western Explosives Area is for storage, assembly, and research and testing of high explosives, propellants, and projectiles. There are two transformer pads in the Western Explosives Area, one located near Building 1502 and one near Building 1504. According to the PTA transformer database, three of the six transformers near Building 1502 were removed in August 1990. The remaining transformers in this area were not polychlorinated biphenyl (PCB)-contaminated.

Eastern Pyrotechnics Area

The Eastern Pyrotechnics Area consists of Buildings 1509 to 1515 and Building 1530. They were constructed of brick and concrete in the early 1950s. Liquid fuel missiles were tested in the buildings of this area until 1958. After 1958, additional buildings were constructed for the mixing, pressing, and filling of various pyrotechnic compounds into flares, fuzes, and primers.

According to PTA personnel, Building 1509 had a furnace room and two bays where motors were tested. Motor testing was ceased on 1956. In the past, process wastewater from Building 1509 was conveyed to floor and sink drains. In 1982, 25 gallons per week of wastewater was conveyed to the sewers through drains in Building 1509. During the site inspection in 1993, Building 1509 housed a wet/dry pyrotechnics mixing operation. Waste currently generated at building 1509 include Class B pyrotechnics, waste oils and rags, barium chromate, nitrate, and contaminated metals components.

Building 1510 is used as an administrative office building for the Pyrotechnic System Branch of the energetic and Warheads Division. The building is also utilized for inert storage and assembly and houses a strain gage laboratory. Accessory buildings 1510A and 1510B are used for the storage of energetic and pyrotechnic equipment, Building 1510D is an inactive sentry station.

Building 1511 was used to test burning rates of pyrotechnics. Storage of radioactive materials is reported to have taken place at this building in the early 1960s. A fuming nitric acid tank reportedly existed in the building from 1956 to 1973. Interviews with PTA personnel indicate that Thorium-232 was stored in the lower level of either Building 1511 or 1512 for a short period of time in the 1960s. Building 1511 incurred structural damage from seepage of creek water into the basement. The building was approved for demolition in 1984. However, the building remains standing at this time.

Building 1512 was reportedly to be used as an office and photography lab. The building is currently a small-scale chemistry and holography lab. Photographic chemicals, mercury, acetones, sodium nitrate, potassium perchlorate, methanol, Class 7 loose pyrotechnics, and powdered metals are among the compounds used at this building. The last reported waste stream from Building 1512 consists of photographic fixer and developer, waste oils, and ethylene glycol. Accessory Building 1512A is used for the storage of gas cylinders, while Building 1512B is a magazine.

Building 1513 was used as storage of various compounds including thorium nitrate, nitrocellulose, black powder, tetranitrocarbazole, M53 Composite, crush pellets, perchlorates, chlorates, zirconium, titanium, tri-isobutyl-aluminum, aluminum sesquichloride, dimethyl zinc, lithium, magnesium, and sodium. Several spills have occurred within this building including a spill of thorium nitrate. Spills were swept up and disposed at the PTA Burning Ground; however, there are not records that decontamination activities were performed in this building. In 1993, the entrance to the building was restricted due to chemical and metal dust inhalation hazards.

Building 1514 has five rooms, one of which is a 90-day hazardous waste storage area for solvents. In 1976, equipment was installed in Building 1514 for the manufacture of triethylaluminum (TEA), but mass production was not allowed, and equipment was decontaminated and partially removed. Building 1514 is currently used for the storage of a wide range of inorganic and organic laboratory chemicals.

Building 1515 was apparently used as a test bay for testing unknown materials, including radioisotopes. Currently, Building 1515 contains offices, a lab for testing

flares and pyrotechnic materials, and a flare-burning tunnel. An inventory of chemicals stored and/or used at Building 1515 listed 600 known and 30 unknown chemicals, including radioactive isotopes and auramine hydrochloride.

Building 1530 houses the Pyrotechnic System Branch's Chemistry and Physical Radiation Section. The building includes various laboratories and a photographic room. Lithium–sulfur dioxide batteries, aluminum and iron scraps, and waste oil from machine shop operations were among the wastes generated at this building. In 1991, all hazardous waste operations were ceased at the building. On 25 March 1998 a 3,000-gallon underground storage tank (UST) of fuel oil adjacent to Building 1530 was removed as part of the Tank Closure and Site Assessment for UST-13, Building 1530. Approximately 25 cubic yards of contaminated soil were removed from excavation. Post-excavations samples were collected and did not present any exceedances of the NJDEP cleanup criteria. A closure report for this UST was submitted to NJDEP in September 1998.Sanitary sewer lines were installed in the Eastern Pyrotechnics Area in the late 1960s. PTA dye tests confirm that, before that time, wastewater was conveyed from the buildings through floor and sink drains to either a dry well and septic field located east of Building 1530 or the swamp area on the east side of Building 1515. From the swamp area, a drainage channel conveys surface water to the reservoir located to the north. The dry wells and septic field were removed prior to paving of the parking lot area for Building 1530.

There are currently no plans for future construction at PICA-050/Site 3.

3.1.2 Previous Investigations

Six investigations have been conducted at Site 3: 1980 - PTA Surface Soil Investigation at the Western Explosive area; 1983 to 1985 - U.S. Army Environmental Hygiene Agency (USAEHA) Site Investigation of the Eastern Explosives Area; 1989 Site Investigation of the Western Explosives Area; 1996 –Round 1 of the Phase II RI; 2001 PTA Tank Removal Investigation (Shaw 2004a) and 2003 Shaw Sump and Dry Well Investigation (Shaw 2005a). Figure 3-2 depicts the known sampling locations for these investigations.

As part of the PTA Surface Soil Investigation, 7 soil samples and a small quantity of surface stones were collected in 1980. Samples were collected from a 10,000 square ft area southeast of Test Bay 1505-E where projectiles containing depleted uranium and beryllium were test fired. A background sample was collected upgradient and west of the area, and uranium-contaminated debris was removed from the area.

During the USAEHA Site Investigation, monitoring well MW-O was sampled four times: one time in 1983 and three times in 1985. Samples were analyzed for volatile organic compounds (VOCs) and metals during the first sampling event, and for metals in the subsequent sampling events. The monitoring well was located hydraulically downgradient of the Eastern Pyrotechnic area.

During the 1988 to 1989 Investigation of the Western Explosives Area, four soil and four surface water/sediment samples were collected in the area of the Building 1505 Test Range. All of the samples were analyzed for chromium, barium, sulfate, nitrocellulose, nitrite, and nitrate. Additional soil sampling was performed in the area of Building 1505-F Test Area in response to a PTA Division of Engineering Housing (DEH) request to determine the possible lead contamination in the firing ranges.

In autumn of 1995, asbestos-containing soil was excavated from an area around Building 1505 and its satellite offices.

The Phase II Round 1 RI sampling activities were conducted at Site 3 from May 1995 to November 1996. Sampling for the Phase II Ecological Risk Assessment (ERA) took place from May through December 1998. Additional sampling for the Phase II RI was conducted between February 2000 and January 2002. The sampling program included:

- Conducting a radiological survey;
- Collecting 11 surface soil samples for off-site analysis and 22 surface soil samples for on-site analysis;
- Drilling one soil boring and collecting one subsurface soil sample for on-site analysis;
- Collecting six subsurface soil samples at three surface soil locations for on-site analysis;
- Collecting 16 surface water samples;
- Collecting 19 sediment samples;
- Installing eight monitoring wells and collecting 10 subsurface soil samples for off-site analysis and 22 subsurface soil samples for on-site analysis;

- Installing five HydroPunch^{TM} borings for groundwater analysis;
- Sampling, performing aquifer testing, and surveying the eight newly installed monitoring wells;
- Conducting two surface soil bioassays, four surface water bioassays, and six sediment bioassays;
- Analysis of earthworm and fish tissue samples; and
- Conducting a macroinvertebrate survey and a fish survey.

On 1 June 2001, a 1,500-gallon capacity gasoline UST (Picatinny UST ID #134), located adjacent to the northern side of Building 1504A, was removed by PTA along with approximately 124 tons of petroleum-contaminated soil. A total of 980 gallons of waste liquid material were removed from the tank. The final excavation had an approximate area of 520 square ft and an average depth of 7.5 ft. Nine post-excavation soil samples were collected and analyzed for total petroleum hydrocarbons (TPHs), and one of the samples was also analyzed for VOCs. Results did not indicate any chemical compounds at concentrations that exceed the SC. The closure report for this UST was prepared and submitted to NJDEP, under case # 01-06-01-1424-39.

As part of the Sumps and Dry Wells Investigation (Shaw 2005a) a 4 square ft-area behind Building 1504A was excavated to a depth of 2.5 ft in 2003. Two post-excavation soil samples were collected: one sample was collected from the bottom, and one was collected from the sidewall of excavation. The post-excavation soil samples were analyzed for semi-volatile organic compounds (SVOCs), pesticides, and inorganics. One sample was collected from the excavated soil pile and analyzed for explosives and inorganics. Screening criteria were not exceeded in any of these soil samples, and the soil was replaced to restore the excavation to the original grade.

3.1.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-2 shows the location and concentrations where one or more constituent exceeded the SC.

In surface soil, only two constituents (one SVOC and one metal) were detected at concentrations that exceed their respective SC. Benzo(a)pyrene was detected at a

concentration exceeding the SC (0.2 milligrams per kilogram [mg/kg]) in one surface soil sample from location K-3-SS-009A, at a concentration of 0.66 mg/kg. Arsenic was detected at a concentration exceeding the SC (19 mg/kg) in one surface soil sample from K-3-MW004, at a concentration of 22 mg/kg. No other parameters were detected in surface soil in concentrations exceeding their respective SC. There were no concentrations of any constituent in subsurface soil samples that were greater than their respective SC.

As mentioned in the previous section, an investigation was conducted to determine the contamination at the former dry wells and septic system area prior to placement of asphalt for a parking lot near Buildings 1504 and 1504A. During Round 1 for Phase II RI, Sample K-3-SP-001 was collected from the suspected former location of the dry well. Lead and other metals were detected at concentrations exceeding their respective SC; however, additional samples were collected to delineate the extent of the contamination including two surface soil samples (K-3-SS-010 and K-3-SS-011) and one subsurface sample K-3-SB-001. In 2003, the area was excavated as part of the PTA Sump and Dry well Investigation. No SC were exceeded in the post-excavation and waste characterization samples. Therefore, the soil was replaced, and the area capped with asphalt for the parking lot.

In sediments, one VOC (toluene) was detected at a concentration greater than its respective SC (0.05 mg/kg) at location K-3-SD-009, at a concentration of 0.15 mg/kg. The following maximum concentrations of SVOCs were all detected at location K-3-SD-017 (0-1 ft.): 0.10 mg/kg 2-methylnaphthalene (SC = 0.0202 mg/kg), 0.87 mg/kg acenaphthene (SC = 0.00671 mg/kg), 0.98 mg/kg anthracene (SC = 0.03162 mg/kg), 1.40 mg/kg benz(a)anthracene (SC = 0.0317 mg/kg), 1.70 mg/kg benzo(a)pyrene (SC = 0.0319 mg/kg), 2.50 mg/kg benzo(b)fluoranthene (SC = 0.0272 mg/kg), 0.52 mg/kg benzo(g,h,i)perylene (SC = 0.29 mg/kg), 0.73 mg/kg benzo(k)fluoranthene (SC = 0.0272 mg/kg), 2.10 mg/kg chrysene (SC = 0.0571 mg/kg), 4.10 mg/kg fluoranthene (SC = 0.06423 mg/kg), 0.60 mg/kg fluorene (SC = 0.0212 mg/kg), 0.64 mg/kg indeno(1,2,3-c,d)pyrene (SC = 0.078 mg/kg), 0.25 mg/kg naphthalene (SC = 0.03275 mg/kg), 4.1 mg/kg phenanthrene (SC = 0.0419 mg/kg), and 4.50 mg/kg pyrene (SC = 0.0530 mg/kg). Maximum concentration of one SVOC, 0.14 J mg/kg dibenz(a,h)anthracene (SC = 0.00622 mg/kg), was detected at the same location, from 1 to 2 ft.

No explosives were detected at concentrations that exceeded their respective SC in any sediment samples. One sediment sample, location K-3-SD-012, had a detection of the pesticide Mirex at a concentration of 1.60 mg/kg, which exceeded its SC (0.007

mg/kg). Concentrations of constituents in sediment samples collected upstream and downstream of the swampy area east of Building 1515 were less than respective SC, indicating that contamination in sediments was confined to the swampy area. The maximum concentrations of metals in sediment samples at Site 3 include the following: 2740 mg/kg manganese (SC = 1673 mg/kg) and 54 mg/kg strontium (SC = 16 mg/kg) at sample location K-3-SD-010A (0 to1 ft.); 54.70 mg/kg chromium (SC = 37.3 mg/kg) at sample location K-3-SD-011 (0 to 1 ft.); 0.66 mg/kg mercury (SC = 0.249 mg/kg) at K-3-SD-014 (0 to 1 ft.); 58.2 mg/kg copper (SC = 28 mg/kg) at sample location K-3-SD-017 (0 to 1 ft.); 2.86 mg/kg cadmium(SC = 1.7 mg/kg), 249 mg/kg lead (SC = 38.8 mg/kg), 15.90 mg/kg silver(SC = 1 mg/kg), and 239.00 J mg/kg zinc (SC = 171 mg/kg) at sample location K-3-SD-018 (0 to 0.5 ft). No other constituents were identified in sediment with concentrations greater than the SC.

In surface water samples, one SVOC, bis(2-ethylhexyl)phthalate, was detected at concentrations greater than its SC (1.2 micrograms per liter [ug/L]) in two surface water samples: 25.00 J ug/L at K-3-SW-012 and 33.00 J at K-3-SW-017. The explosive 2,4 dinitrotoluene (DNT) was detected at concentrations greater than its SC (0.11 ug/L) in three samples: 0.20 ug/L at K-3-SW-001, 0.18 ug/L at K-3-SW-005, and 0.12 ug/L at K-3-SW-006. One anion was detected at a concentration greater than its respective SC in surface water: 13,000,000 ug/L of sulfate (250,000 ug/L) at sample location K-3-SW-004. It should be noted that the detection of sulfate was in 1988, and sulfate was not detected in a sample from the same location in 1996.

Eleven metals were detected in surface water samples at one or more locations at concentrations greater than their respective SC. The following maximum concentrations of metals were detected at location K-3-SW-018: 18,600 J ug/L aluminum (SC = 200 ug/L), 4.50 J ug/L arsenic (SC = 19 ug/L), 46 ug/L chromium (SC = 37.3 ug/L), 21,000 ug/L iron (300 ug/L), 23 ug/L lead (SC = 38.8 ug/L), 0.23 ug/L mercury (0.249 ug/L), and 380.00 ug/L zinc (171 ug/L). The maximum concentration of manganese (SC = 50 ug/L) was detected at K-3-SW-006 at a value of 1570 ug/L. Concentrations of constituents in surface water samples collected upstream and downstream of the swampy area east of Building 1515 were less than respective SC, indicating that contamination in surface water was confined to the swampy area. No other constituents were identified in surface water with concentrations greater than the SC.

One groundwater sample, K-3-MW-005, had a detection of a VOC, methylene chloride, a common laboratory contaminant, above its SC (3 ug/L), with a concentration of 4.00 ug/L. The explosive RDX (SC = 2 ug/L) was detected in samples from two locations,

with a maximum concentration of 99.20 ug/L at location K-3-MW-002, in October of 1996. However, the concentration of RDX at K-3-MW-002 in May of 2000 was 8.1 ug/L, and a nearby hydropunch sample collected in March of 2000 had a concentration of 12 ug/L RDX. There were also no detections of RDX in downgradient wells or surrounding sites, indicating the high concentration detected in 1996 was an isolated occurrence. RDX was not detected above the SC in any soil samples at Site 3, and or above the SC in groundwater samples from surrounding wells. One radiological parameter was detected above its SC (5 picocuries per liter [pCi/L]), 7.56 pCi/L radium-226 at location K-3-MW-006. Nine generally naturally occurring metals were detected in groundwater samples at one or more locations at concentrations greater than their respective SC.

The maximum concentrations of metals in groundwater were detected in the duplicate sample from location K-3-HP-009; the following values are the maximum concentrations detected for each constituent: aluminum (SC = 200 ug/L) 120,000 J ug/L; arsenic (SC = 3 ug/L) 38.00 J ug/L; chromium (SC = 70 ug/L) 220.00 J ug/L; iron (SC = 300 ug/L) 170,000 J ug/L; lead (SC = 5 ug/L) 130 J ug/L; manganese (SC = 50 ug/L) 4600 ug/L; nickel (SC = 100 ug/L) 120 J ug/L; thallium (SC = 0.5 ug/L) 8.00 J ug/L. Samples collected from monitoring wells 3MW-3 and 3MW-7 exceeded SC concentrations for aluminum, iron and manganese. Arsenic was also detected in 3-MW-3 above the SC. Aluminum, iron, manganese, nickel, and thallium are naturally occurring constituents, which are commonly identified at elevated concentrations in groundwater throughout PTA. No other constituents were identified in groundwater with concentrations greater than the SC. Lead was detected in groundwater in several samples from surrounding sites, at concentrations slightly greater than the SC.

3.1.4 Summary of Risk Assessments

3.1.4.1 Human Health

An HHRA for Site 3 receptors were previously provided in the Phase II RI, Additional Investigation Report (Shaw 2004a). The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 3 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker (chemical risks): carcinogenic risk number of 2E-06/ noncarcinogenic hazard index (HI) of <1.

- Future Construction Excavation Worker (chemical risks): carcinogenic risk number of 4E-07/ noncarcinogenic HI of <1.

- Future Construction Excavation Worker (radiological risks): carcinogenic risk number of 2E-06.

Additionally, human health risks were calculated for hypothetical use scenarios not reasonably anticipated and are as follows:

- On-site Youth Visitor (chemical risks): carcinogenic risk of 4E-06/ noncarcinogenic HI <1.

- On-site Youth Visitor (radiological risk): carcinogenic risk of 6E-06.

3.1.4.2 Lead Blood Model Results

The current and reasonably anticipated future use scenarios at this site to reflect current guidance for model input parameters as detailed in Appendix C, and the preliminary remediation goal (PRG) revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial Worker (surface soil): Lead was not selected as contaminant of potential concern (COPC) in this medium.

- Current Construction Excavation Worker (subsurface soil): Lead was not selected as COPC in this medium.

In addition, human health risks associated with lead exposures for hypothetical use scenarios not reasonably anticipated are:

- Current On-site Youth Visitor (sediment): No concern – the average lead concentration of 69 mg/kg is less than the calculated PRG of 1,496 mg/kg.

3.1.4.3 Ecological

Site 3 was evaluated in the Phase II ERA. Bioassays were performed, tissue composites analyzed, and an aquatic biota survey conducted. Samples water bioassays exhibited decreased growth of the test organisms when compared to laboratory control and reference samples. Sample 3-SW-19 showed mortality of 100%, however, additional sampling did not corroborate these results and it was thought that the toxicity observed in the site samples could be associated with natural conditions at PTA. Some differences in survival were observed in two of the five site sediment bioassays. Overall, the sediment did not appear to be highly toxic and suggests only limited contamination. Surface soil bioassay did not exhibit a significant change in the earthworm survival rate. Tissue analysis indicated the possibility for chemical consumption but it does not appear to impact the organism.

A macroinvertebrate survey conducted on the small streams in the 1500 Building area indicated minor perturbations at several locations; however, the study concluded that as a whole, the water and sediment quality appear to be of good quality to support benthic and fish populations.

Although ecological impairment was not observed in the benthic surveys, other lines of evidence (elevated contaminant concentrations, contaminants in tissue, and surface water and sediment toxicity) may suggest potential ecological impacts. However, the likelihood of actual impacts to the local ecological community is small given the industrial nature of the site and the proximity and relatively low levels of the soil contamination near the structures on the site which consists of industrial buildings and range activities. Therefore, active remedial action is not necessary to address these potential ecological risks.

3.1.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use (military /industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site; and

- Ecological risks are expected minimal and limited to localized areas.

For hypothetical risk scenarios that were evaluated (On-site Youth Visitor), both chemical and radiological risks are within the generally acceptable risk range of 1E-06 to 1E-04. No residential use risk scenarios were evaluated.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.2 PICA-071/Site 29 - Yard Drum Storage Area (Bldg 31 Yard)

3.2.1 Site History

PICA-071/Site 29 – Yard Drum Storage Area is a former drum storage area located in an outside courtyard between Wings 1 and 2 near the northwestern corner of Building 31. Building 31 is located at the intersection of Third Avenue and Fourth Court. As stated in the Phase I RI Report (Dames and Moore 1998), the Building encompasses 87,074 square ft, and was constructed in 1943. Building 31 has two stories and was constructed on a concrete foundation. Building 31 consists of five wings with three courtyards, which are concrete, asphalt pavement, and/or gravel. Building 31 is surrounded on all four sides by paved roads. A general layout of Site 29 is shown in Figure 3-3.

Building 31 was a metal workshop containing various types of equipment including lathes, milling machines, and drill presses. Operations of these machines generated waste cutting and machine oils, which were collected in 55-gallon drums that were stored in the courtyard between Building 31 Wings 1 and 2 on a gravel pad measuring approximately 60 ft by 75 ft. Metals shavings coated with cutting oil were also generated and stored in dumpsters in the court yard area. The waste oils were manually transferred from the drums to a 10,000-gallon UST located at the Yard Drum Storage Area. In 1991, the UST was removed as part of Resource Conservation and Recovery Act (RCRA) closure activities (Dames and Moore 1998).

An oil sump and associated gutter is located at Site 29 and it is located opposite to the former oil house within this courtyard. The pit has a capacity to hold approximately 150 gallons of oil and it is connected to a storm drain that ultimately discharges to BSB. The

sump was designed to capture surface water runoff from the Drum Storage Area (Environmental Compliance, Inc. [ECI] 2005a).

According to the information from the safety office files, a complaint was filed in July, 1970 regarding oil pollution in GPB and BSB. The complaint suggested that the oil originated from the Yard Drum Storage Area, and it was thought that during large rainfall events oil was carried to the storm drain in the Yard Drum Storage Area (Building 31 Yard) which flowed to BSB. In response to the complaint, oil residue in puddles within the Yard Drum Storage Area was removed with oil-absorbent materials. The conclusions drawn in the complaint, however, were never substantiated by an investigation.

The monitoring wells relevant to Site 29 are 31-2, 31-2A, 31-4, 31-5, 31-6/6R, 31-7, and 31-9 (Figure 3-4). Monitoring well 31-6 was found to have approximately two ft of light non-aqueous phase liquid (LNAPL) in June 1995 (Imbrigiotta and Rice 1997). The LNAPL was analyzed and found to be motor oil. This oil is believed to be a onetime spill into the well. A onetime bailing event in November of 1996 yielded 2.5 liters of LNAPL, and from 1996 to 1999, five additional liters of oil were recovered from 31-6 using passive techniques (ECI 2005a). Monitoring well 31-6 was abandoned in 2003 (ECI 2005b). An excavation centered around monitoring well 31-6 was completed in June 2004, in which approximately 335 tons of TPH impacted soil were removed. Approximately 600 pounds of Oxygen Releasing Compound (ORC®) was mixed with the backfilled soil above and below the water table in order to assist with the degradation of any residual hydrocarbons. Monitoring well 31-6R (replaced 31-6) was installed downgradient of remedial activities to gauge effectives of the remedy. No LNAPL was detected at this location during gauging activities conducted in September and December of 2004.

Building 31 was last used as an Armament Software Center. The Picatinny Master Plan was reviewed, and there are no current plans for construction in this area.

3.2.2 Previous Investigations

Five investigations have taken place at Site 29: 1986 Soil Investigation; 1989 Site Investigation; 1991 RCRA closure Verification Investigation; 1999 Phase I RI; and 2000 Phase II RI. Additional investigations have been conducted at Building 31 to address other potential areas of contamination in addition to Site 29. The historical sampling locations are shown in Figure 3-4.

During the 1984 -1986 Soil Investigation (Argonne National Laboratory [ANL] 1991), discolored soil was identified in the drum storage yard. Upon removal of an asphalt pad covering a small portion of the yard in 1984, visible contamination was observed indicating that spills had occurred prior to placing the asphalt pad. In June 1986, approximately 60 cubic yards of soil were excavated and disposed offsite (Gaven 1986; Anderson 1988a). A leaking 10,000-gallon fuel oil UST was removed during this investigation, as well; however, this UST was located in the northeastern corner of Building 31, outside of the Site 29 boundary. Post excavations samples were analyzed for TPH. The removal was approved by NJDEP (Anderson 1988b).

As part of the 1989 Site Investigation (Dames and Moore 1989), ten shallow surface soil samples (0.5 ft to 1 ft below ground surface [bgs]) were collected (D-29-SS-001 to D-29-SS-010) in order to investigate the potential soil contamination resulting from waste spillage associated with the storage of drums onsite. The locations of these samples are shown on Figure 3-4. The locations sampled included the area around the fill pipe of the excavated 10,000-gallon UST, the area around former dumpsters containing oil-coated metallic shavings, as well as miscellaneous areas of discolored soil that may have represented spillage from the stored drums. Samples were analyzed for VOCs, base neutral and acid extractable compounds (BNAs), cyanide, total phenols, oil and grease, and metals (Dames and Moore 1989).

During the 1991 RCRA closure Verification Investigation, additional sampling was conducted at Site 29 in association with the excavation of the 10,000-gallon UST used for storage of machine oil and waste cutting oils. Six soil samples (31-T-S-1 through 31-T-S-6) and one duplicate (31-T-S-6D) were collected and analyzed for VOCs, metals, and toxicity characteristic leaching procedure (TCLP) metals. Two of the samples (31T-S-3 and 31T-S-5) were also analyzed for BNAs and TPHs. Additionally, eleven soil samples were collected from three soil borings (31-S-1 through 31-S-3), which were advanced in the Yard Drum Storage Area to assess potential subsurface contamination. Samples were collected from the surface (0 ft to 2 ft bgs) and at two-foot intervals thereafter to a depth of six (boring 31-S-2) or eight ft. One interval of the 31-S-2 boring had poor recovery, which is why no 31-S-2C sample was collected. Samples were analyzed for VOCs, metals, TCLP metals, and PCBs.

In 1995 and 1996, sampling was conducted to the north of Site 29 to delineate LNAPL that was discovered in monitoring well 31-6. A finger print analysis on the LNAPL from the well suggested the contamination was motor oil.

In the Revised Phase I & II RI Report from April 2005, Buildings 31 and 33 (and the surrounding areas) were investigated. As a component of these investigations, three soil borings (B-30-B-32) were advanced around an oil sump located in western portion of the Site 29 courtyard. The sump has a 150 gallon capacity. Soil samples were collected from two intervals per boring: one at six inches below the sump (3.5 ft bgs) or at the highest photoionization detector (PID) reading, and one six inches above the water table. The soil samples were analyzed for VO+10, BN+10, target analyte list (TAL) metals, PCBs, and TPH. Additionally, four soil borings (B-33-B-36) were advanced in the area of the former PCB-contaminated soil storage area. Soil samples were collected from each boring at 0-0.5 ft bgs and 0.5-1 ft bgs. The samples were analyzed for PCBs and TPH. As part of the Phase II RI, three additional soil borings (2B-1-2B-3) were advanced. Two samples were collected at the 0-0.5 ft bgs and two were collected at the 1.5-2 ft bgs depth from 2B-1 and 2B-2. One sample was collected from the 1.5-2 ft bgs interval from boring 2B-3. Samples were analyzed for PCBs.

The entire Site 29 courtyard was capped with an 8-inch thick concrete slab at the conclusion of the Phase II activities in 2002.

Three groundwater monitoring wells were installed in the Site 29 courtyard, including wells 31-2, 31-2A, and 31-7, as a part of the ongoing groundwater investigation in Area D. TCE has been detected in Area D groundwater since the 1980s. A comprehensive dataset (sampling 53 wells in Area D) was conducted in November of 1991. During the Phase I RI, the majority of wells in Area D were sampled in three rounds: October 1993, April 1994, and July 1994 (Dames and Moore 1998). Groundwater at Site 29 is addressed through the Area D Groundwater ROD (USEPA 2004a).

3.2.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-4 shows the location and concentrations where one or more constituent exceeded an SC.

In surface soils, one sample (D-29-SS-008) had an SC exceedance for benzo(a)pyrene with a concentration of 0.3 mg/kg (SC = 0.2 mg/kg). Another sample (D-29-SS-006) had an SC exceedance for chromium with a concentration of 950 mg/kg (SC = 200 mg/kg). No other constituents were detected in surface soil in concentrations that were greater than the SC. No constituents were detected in concentrations greater than SC for subsurface soils. As noted above, the entire Site 29

courtyard has been capped with a concrete slab. Therefore, the exposure pathway to any potential surface soil contamination has been removed.

One sediment sample was collected in the Site 29 area in 1999. Several SVOCs were detected at concentrations greater than the SC including: 0.08 J mg/kg acenaphthene (SC = 0.00671 mg/kg), 0.12 J mg/kg anthracene (SC = 0.03162), 0.48 J mg/kg benz(a)anthracene (SC = 0.0317 mg/kg), 0.40 J mg/kg benzo(a)pyrene (SC = 0.0319 mg/kg), 0.56 mg/kg benzo(b)fluoranthene (SC = 0.0272 mg/kg), 0.19 J mg/kg benzo(k)fluoranthene (SC = 0.0272 mg/kg), 1.19 mg/kg fluoranthene (SC = 0.06423 mg/kg), 0.06 fluorene (SC = 0.0212 mg/kg), 0.24 mg/kg indeno(1,2,3-c,d)pyrene (SC = 0.078 mg/kg), 0.56 mg/kg phenanthrene (SC = 0.0419 mg/kg), 0.8 mg/kg pyrene (SC = 0.053 mg/kg). One PCB was identified that had concentration greater than the SC (0.06 mg/kg): 0.09 mg/kg Aroclor 1254. Three pesticides were found to have concentrations greater than the SC including: 0.96 NJ mg/kg 4,4'-dichlorodiphenyldichloroethane (DDD) (SC = 0.00354mg/kg), 0.4 NJ mg/kg 4,4'-dichlorodiphenyldichloroethylene (DDE) (SC = 0.00142 mg/kg), and 0.09 NJ mg/kg heptachlor epoxide (SC = 0.0006 mg/kg). In addition, several metals exceeded SC: 14.1 J mg/kg cadmium (SC = 1.7 mg/kg), 98.7 J mg/kg chromium (SC = 37.3 mg/kg), 0.51 J mg/kg chrysene (SC = 0.0571 mg/kg), 129 J mg/kg copper (SC = 28 mg/kg), 132 J mg/kg lead (SC = 38.8 mg/kg), 0.85 J mg/kg mercury (SC = 0.249 mg/kg), and 174 J mg/kg zinc (SC = 171 mg/kg). This sample is located within the GPB area and is addressed through the GPB and BSB Focused FS (FFS) (IT 2001a) and resulting ROD GPB/BSB (USEPA 2004b).

No SC exceedances have been detected in the groundwater beneath Site 29 and no surface water samples were collected. Groundwater for this site is addressed in the PICA-076 Area D groundwater ROD (USEPA 2004a).

3.2.4 Summary of Risk Assessments

3.2.4.1 Human Health

Site-specific HHRA was not performed for Site 29; however, Site 29 was included within the HHRA for Building 31 and 33 receptors in the Building 31 & 33 Ecological and Human Health Risk Assessment. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of HHRA calculations for carcinogenic risk at building 31 and 33 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and future Industrial/Research Worker: carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1

- Current and future Construction/Excavation Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for hypothetical use scenarios not reasonably anticipated and are as follows:

- Residential Adult (chemical risks): carcinogenic risk number of 4E-04/ noncarcinogenic HI of 3.

- Residential Child (chemical risks): carcinogenic risk number of 2E-04/ noncarcinogenic HI of 10.

- Residential Adult and Child (chemical risks): carcinogenic risk number of 6E-04.

3.2.4.2 Lead Blood Model Results

The lead blood model was not calculated at this site as lead was not identified as a COPC in soil.

3.2.4.3 Ecological

Site 29 is situated in an industrialized area, with habitat consisting mostly of paved areas around existing buildings and grasses areas. The area itself is not heavily wooded. Based on the existing habitat quality, wildlife would not be expected to utilize the site to any significant extent. However, some transient species may visit the site and some exposure to surface soil constituents may potentially occur. However, the entire area of Site 29 is currently capped eliminating the risk for surface soil exposure. In addition, the contaminants identified at Buildings 31 and 33 were screened against ecological benchmark concentrations. Results indicated that the contaminants of potential ecological concern (COPECs) identified in surface soil at the Building 31 and 33 areas are not expected to have a significant impact on the environment due to the limited size and the low habitat quality.

3.2.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is at or less than1;
- Lead is not a concern at this site; and
- Based on limited size and low habitat of the site, significant impacts or ecological risks are not expected at this site.

For the hypothetical residential use risk scenarios evaluated (Adult, Child, and Adult and Child), chemical risks are greater than 1E-04, and the HIs are greater than 1.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

3.3 PICA-071/Site 45/39 -Vehicle Maintenance (Bldg 33) and Former WW Pretreatment Facility (Bldg 31)

3.3.1 Site History

PICA-071 /Site 45/39 is located in the industrial portion of Area D. Site 45/39 consists of Building 33, located on Third Avenue between Fourth Court and Farley Street. Building 33 is a two-story structure on a concrete foundation surrounded by asphalt. An inactive rail spur is located 70 ft northwest of the building across Third Avenue. Surface water near Site 45/39 drains to the northwest, towards BSB, via pavement runoff and storm water sewer systems. Site 39 is located across Fourth Court from Building 33, near the northeast corner of Building 31. Site 39 was combined with Site 45/39 in this FS due to their proximity. The location of Site 45/39 is shown in Figure 3-5.

Building 33 was constructed in 1933 as a motor vehicle maintenance shop. The last reported uses of this building include continued use as a motor vehicle maintenance

shop and the southern portion of the building houses a paint and body shop, a vehicle wash, and a waste oil storage area.

Until 1970, waste disposal at Site 45/39 included an in-ground sump located in the middle of the vehicle wash and waste oil storage areas, which collected water from floor and roof drains. The oily wastewater collected in the sump was pumped through a pipe under Fourth Court to a treatment unit in Building 31 (Site 39); however, according to another report (ECI 2005a), this sump and pipeline were not operated and were closed with NJDEP approval. Between 1970 and 1984, waste oil was stored in 55-gallon drums within a concrete berm in the Vehicle Wash/ Waste Oil Storage Area, and was periodically taken to the power house (Building 507) to be used as fuel. In 1984, PTA began disposing of waste oil as hazardous waste at appropriate off-site facilities. Other wastes stored in this area prior to off-site disposal included waste radiator coolant, drained battery acid, and cloths containing oil and paint thinner (Benioff, et.al. 1991). Currently, waste from the repair shop is contained in an aboveground storage tank (AST) where it is stored in accordance with waste oil storage and accumulation regulations.

There are two other ASTs of unknown size located in Building 33. The first is a new oil storage tank and the other is located near the paint and body shop. While these storage tanks are reportedly inactive, they are connected to the building floor drains.

Several spills were reported between 1988 and 1991 at Building 33, including dilute herbicide, hydraulic oil, degreaser, and diesel fuel. Spill amounts ranged from 5 to 33 gallons, and all occurred within Building 33 or on paved outdoor surfaces. While spill locations were not identified on report figures, the 1998 Phase I RI (Dames and Moore 1998) indicated that these spills did not appear to have potential environmental impact.

There are currently no plans for future construction at PICA-071/Site 45/39.

3.3.2 Previous Investigations

Previous investigations at and around Building 33 are documented in the 1991 RCRA Closure Verification Investigation (Carpenter Environmental Associates, Inc. [CEA]) 1998 Phase I RI Report (Dames and Moore no samples collected); 1999 Phase I and 2000 Phase II RI (ECI 2002 and update 2005a); UST Removal Action Report for the 10,000 Gallon Gasoline UST (ECI 2001); and Annual Groundwater Monitoring Reports (Shaw 2005b). The sampling locations for historical investigations at Site 45/39 are shown on Figure 3-6. In 1991, closure activities were conducted at Site 45/39 as part of

the RCRA Closure Verification Investigation (Carpenter Environmental Associates, Inc. [CEA] 1991). These closure activities are also summarized in the Phase I RI (Dames and Moore 1998). The closure required all wastes to be removed from the area and all surfaces within the vehicle wash room to be decontaminated. The sump at the center of the room that had been used to collect vehicle wash and rinse water was pressure-washed, and rinsate from this process was analyzed for eight RCRA metals. Additionally, two concrete chip samples were collected from the floor of the storage area and analyzed from priority pollutant metals (PP metals). One composite paint chip sample was collected from paint on the floor and walls of the storage area and analyzed for TCLP lead. CEA concluded that lead in the rinsate, chip, and paint samples was due to the leaded paint used on the walls and floors of the facility. A letter from NJDEP dated December 8, 1992 stated that closure activities at Building 33 were complete according to the closure plan.

3.3.2.1 Abandoned 10,000 Gallon UST

An abandoned 10,000-gallon gasoline UST filled with sand was discovered by the Picatinny Environmental Affairs Office (EAO) across Third Avenue from the northern corner of Building 33 in June 1994. Three samples of the sand fill were collected in 1994 and analyzed for VOCs, TPH, and metals. Soil sampling was performed around the tanks on three occasions during the same year as part of a 1996 UST tank closure investigation. Additionally, LNAPL was found in well 33-T-3, immediately west of the abandoned UST. A volume of approximately 50 to 90 gallons of gasoline LNAPL was estimated to be in this area. To delineate the groundwater impacts in this area, 11 well points and four permanent wells (33-5, 33-6, 24-6, and 31-9) were installed and sampled by the United States Geological Survey (USGS) in addition to the existing wells in the area (Imbrigotta and Rice 1997).

During the Phase I RI, 11 Geoprobe soil borings B-1 through B-11 were advanced to a maximum of 12 ft to delineate the extent of impacted soil around the tank. Two samples per boring were collected and analyzed for VOC+10, BN+10, target compound list (TCL) pesticides, and TAL metals. Soils were field-screened for LNAPL as the borings were advanced. Temporary well points (TWP) were also placed at four boring locations (GW-1 at B-8, GW-2 at B-1, GW-3 at B-7, and GW-4 at B-4), and groundwater samples collected from these TWPs were analyzed only for VOC+10. Three additional permanent groundwater monitoring wells (33-7, 33-8, 33-9) were installed, and three rounds of groundwater monitoring were conducted between 1999 and 2000 during the Phase I and II RI. No additional soil sampling was performed during the Phase II RI. The UST was excavated in 2001. Approximately 609 tons of soil

were removed from the 12-foot deep excavation and shipped offsite for recycling. Additionally, approximately 6,185 gallons of groundwater were pumped from the excavation and disposed offsite. Twelve post-excavation samples (S-1 through S-12) were collected from the excavation. One additional groundwater monitoring well, 33-10, was installed and another round of groundwater samples was collected for VOC+10 and natural attenuation parameters. Semi-annual groundwater monitoring was conducted from 2003 through 2005 to assess natural attenuation processes.

3.3.2.2 Former Gasoline Tanks

Two gasoline tanks and a pump island were identified on a 1940 map titled "Installation of Fuel Oil Storage Tank, Gas and Fuel Pumps, Bldg 33" (ECI 2001). In 1999, geophysical and electromagnetic surveys were conducted near Third Avenue and Fourth Court in order to locate the tanks. Results of the survey confirmed that tanks were removed (ECI 2005a).

During the Phase I RI, four Geoprobe soil borings (B-12 through B-15) were advanced near the former tank locations and a fifth (B-16) was advanced near the former pump location. Two soil samples were collected from each borehole (33-SS-24 through -34). Soil samples were analyzed for VOC+10 and lead. Soil samples from boring B-16 also were analyzed for TPHs, BN+10, TAL metals, and PCBs. TWP were also placed at the five boring locations (GW-5 at B-12, GW-6 at B-13, GW-7 at B-14, GW-8 at B-15, and GW-9 at B-16), and groundwater samples collected from these TWPs were analyzed only for VOC+10, with the exception of B-16, which was also analyzed for BN+10.

During the Phase II RI, two additional Geoprobe borings (2B-20 and 21) were advanced to 12 ft. The borings were field-screened to delineate the extent of LNAPL in the subsurface.

3.3.2.3 Sump Pit at south End of Building 33

A concrete sump located at the southwest corner of Building 33 was investigated in order to assess the potential for petroleum hydrocarbons impacts. During the Phase I RI activities, three Geoprobe soil borings (B-17 through B-19) were advanced around the sump pit. Two subsurface soil samples were collected from each boring (33-SS-35, 36, and 33-SS-46 through -48) and analyzed for TPHs, VOC+10, BN+15, PCBs, and TAL metals.

During the Phase II RI, six additional soil borings (B-17 through B-19 and 2B-10 through 2B-12) were advanced near the sump pit to delineate the extent of BN compounds. Seven subsurface soil samples were collected (33-SS-17 through 23) and analyzed for BN+10.

3.3.2.4 Interior of Building 33

During the Phase I RI, six soil borings (B-20 through B-25) were advanced in the central portion of Building 33 to assess potential impacts associated with a former underground hydraulic vehicle lift and a former dry well. Eight subsurface samples (33-SS-37 to 44) were collected and analyzed for TCL VOC+10, TCL BN+10, TCL PCBs, TAL metals, and TPH.

3.3.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-6 shows the location and concentrations where one or more constituent exceeded an SC.

3.3.3.1 Abandoned 10,000 Gallon UST

The extent of free product observed during the 1999 10,000-gallon gasoline UST investigation was delineated by borings B-2, B-3, B-5, and B-6. Impacted soil around borings B-1, B-2, B-3, B-5, and B-6 was removed during the UST removal in 2001. Boring B-8 is the only remaining boring collected as part of the UST investigation that has soil containing a constituent, arsenic, at a concentration greater than the SC (19 mg/kg). Arsenic was detected in the soil sample collected from the 6.5 to 7-foot bgs interval of B-8 at a concentration of 26 mg/kg. This boring location is adjacent to a rail spur, where it is likely that arsenal herbicides were historically used to control foliage on the tracks.

Groundwater collected from temporary well points installed in 1999 contained concentrations of benzene greater than the SC = 1 ug/L. The well point installed at the B-4 soil boring location contained benzene at a concentration of 80 ug/L, and the well point installed at B-7 contained benzene at a concentration of 5.6 ug/L. Groundwater samples collected from permanent monitoring wells D-33-6, D-33-7, D-33-8, D-33-10, and D-33-T-1 contained benzene, when detected, at concentrations greater than the SC ranging from 1.2 JD ug/L in D-33-7 to a maximum of 4.5 ug/L in D-33-10. Benzene detections in groundwater samples were infrequent and generally less than 5 ug/L. In

all of the sample locations where benzene was detected in June of 2005, it was only detected in location D-33-6 in December of 2005. Benzene was not detected in monitoring wells D-33-T-2 and D-33-T-3, which appear to be the northern and western boundaries, respectively, of the benzene impacts in this area. The results of groundwater monitoring conducted from 1999 through 2005 indicated that benzene in groundwater associated with the former UST was undergoing natural biological degradation and that the plume was not expanding.

TCE was detected in one groundwater monitoring well D-31-5 at a concentration of 3.4 ug/L in 2000 (SC = 1 ug/L). This well is outside of the area of impact attributed to gasoline USTs, indicating that the TCE detected is not related specifically to historical activities at Site 45/39. Naturally occurring metals and anions commonly detected at concentrations greater than the SC in PTA groundwater samples included aluminum, iron, manganese, chloride, and nitrite. Aluminum (SC = 200 ug/L) was detected in monitoring well D-31-8 at a concentration of 1180 ug/L. Manganese (SC = 50 ug/L) was detected during two sampling events in monitoring well D-31-9; with concentrations of 356 ug/L and 144 ug/L. Iron (SC= 300 ug/L) ranged in concentration from not detected to a maximum of 13,900 ug/L in D-33-8. Chloride (SC = 250,000 ug/L) ranged from 37 ug/L to a maximum of 1,550,000 ug/L at sample location D-33-T-2. Nitrite (SC = 1,000 ug/L) was detected during a 2003 sampling event in monitoring well D-33-7 at a concentration greater than the SC (17,200 ug/L).

Groundwater for this site is addressed in the PICA-076 Area D FS.

3.3.3.2 Former Gasoline Tanks

VOCs were not detected in the four soil borings made near the former gasoline tanks; however, traces of free product were observed at boring B-15 in the 7.5 ft to 8.0 ft depth interval. The temporary well points did not show evidence of free product in the water table, but groundwater samples from three of the temporary well points (placed at boring locations B-12, B-13, and B-15) contained benzene at concentrations ranging from 2.1 ug/L to 8.1 ug/L, which exceeds the SC = 1 ug/L. No free product was observed in the Phase II RI soil borings. Free product was observed in soil samples collected near the former pump island; however, the free product appeared to be related to contamination associated with well 31-6 at the northwest corner of Building 31 rather than the gasoline tanks (ECI 2005a).

The temporary well point placed at soil boring location B-16, between the location of the former USTs and the former pump island, contained benz(a)anthracene (1.0 ug/L)

and benzo(b)fluoranthene (0.8 ug/L) at concentrations greater than the SC of 0.1 ug/L and 0.2 ug/L, respectively.

Groundwater for this site is addressed in the PICA-076 Area D ROD (USEPA 2004a).

3.3.3.3 Sump Pit at south End of Building 33

No evidence of free product was observed in soil samples collected from the sump pit area. SVOCs, including benz(a)anthracene (SC = 2 mg/kg), benzo(a)pyrene (SC = 0.2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg), dibenz(a,h)anthracene (SC = 0.2 mg/kg), and indeno(1,2,3-c,d)pyrene (SC= 2 mg/kg) were all detected in subsurface soil borings B-17, B-18, and B-19 in approximately the 9 to 11-foot bgs interval at concentrations greater than their respective SC. Concentrations of these compounds ranged from 0.73 mg/kg (dibenz[a,h]anthracene in B-17) to 7.5 mg/kg (benz[a]anthracene in B-17).

3.3.3.4 Interior of Building 33

Constituents in soil samples collected from beneath the central portion of Building 33 did not exceed SC.

3.3.4 Summary of Risk Assessments

3.3.4.1 Human Health

Site-specific HHRA was not performed for Site 45/39. However, Site 45/39 was included within the HHRA for Building 31 and 33 receptors in the Building 31 & 33 Ecological and Human Health Risk Assessment. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within the USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of HHRA calculations for carcinogenic risk at building 31 and 33 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and future Industrial/Research Worker: carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1

- Current and future Construction/Excavation Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for hypothetical use scenarios not reasonably anticipated and are as follows:

- Residential Adult (chemical risks): carcinogenic risk number of 4E-04/ noncarcinogenic HI of 3.

- Residential Child (chemical risks): carcinogenic risk number of 2E-04/ noncarcinogenic HI of 10.

- Residential Adult and Child (chemical risks): carcinogenic risk number of 6E-04.

3.3.4.2 Lead Blood Model Results

The lead blood model was not calculated at this site as lead was not identified as a COPC in soil.

3.3.4.3 Ecological

Site 45/39 is located in an industrialized area, consisting mostly of paved areas around existing buildings and grasses areas. The area itself is not heavily wooded. Based on the existing habitat quality, wildlife would not be expected to utilize the site to any significant extent. However, some transient species may visit the site and some exposure to surface soil constituents may potentially occur; therefore, contaminants identified at Buildings 31 and 33 were screened against ecological benchmark concentrations. Results indicated that the COPECs identified in surface soil at the Building 31 and 33 areas are not expected to have a significant impact on the environment due to the limited size and the low habitat quality.

3.3.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;

- The noncarcinogenic hazard is at or less than 1;
- Lead is not a concern at this site as it is not a COPC; and
- Based on limited size and low habitat of the site, significant impacts or ecological risks are not expected at this site.

For the hypothetical residential use risk scenarios evaluated (Adult, Child, and Adult and Child), chemical risks are greater than 1E-04, and the HIs are greater than 1.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

3.4 PICA-075/Site 36 - Building 3100, Hazardous and Non-Hazardous Waste Storage Area

3.4.1 Site History

PICA-075/Site 36 consists of Building 3100 (135 ft by 40 ft), which was constructed as a storage facility in 1942. The location of Site 36 is shown on Figure 3-7. From 1942 until the early 1950s, the building was used for explosives storage and was serviced by a rail line on the west side of the building. Records indicate that barium peroxide, lead peroxide, and amorphous phosphorous were stored during this time. From the early 1950s until the late 1960s, Building 3100 was utilized as an environmental test building in support of the Naval Air Rocket Test Station (NARTS) program. In 1964, the building was used to test Rita Flare Packs, which resulted in a fire during a test in 1964; however, no environmental damage was reported in association with this fire. In 1966, the building was used for vibration and temperature testing. In 1967, the loading platform was used to mount temperature-conditioning chambers in support of the building's testing program. After the NARTS mission ended, the building continued to be used as an environmental test facility under Army control until the 1970s. The building's explosive allowance was cancelled in 1975 because the building was no longer used. Materials tested include: fully loaded rocket components and ordnance items, such as solid propellant boosters and sustainers, prepackaged liquid rocket engines, and gas generators. No exposed explosives were used at this site.

Use of the building as a waste storage facility began in 1981. The building is currently used as one of the RCRA's permitted hazardous waste storage facilities for Picatinny. The waste is stored in five bays which segregate the wastes by waste type and compatibility. There is also space for office work and general storage.

An inspection of Building 3100 conducted in 1986 indicated that the building contained drums that were leaking at that time. During a 1987 compliance audit conducted by the USEPA, several open drums of waste oil were observed inside the building. In January 1989, a box of hexamethyl phosphorous amide ruptured, spilling approximately 0.05 kilogram (kg) of the material onto the floor of the poison room at the north end of the building. According to a safety office inspection conducted in 1993, an overpack drum containing Agent Orange and butyl esters of 2,4,5-TD and 2,4-D was found partially corroded. According to a 1994 building inspection, drums had frozen and were bulging in bay 5 of the building. However, there have been no documented releases of waste outside the building into the environment, and there were no indications that the integrity of the flooring in the building was not adequate to protect the environment from spills within the building (i.e., no cracks in the flooring to allow spills/leaks to reach the underlying soils).

According to a 1988 PTA transformer inventory database, there were three 100-kilovolt ampere (KVA) (TR-3100) transformers located on a pad on the north side of Building 3100. The condition of these transformers was described as fair. The current status or presence of these transformers is not known.

There is an out-of-service 5,000-gallon steel ethylene glycol AST on the building's south side. The age of the tank is unknown; however, because this ethylene glycol tank was used to support environmental testing at Building 3100, the tank was most likely installed in the early 1970s. The tank is supported a few ft above the ground surface by steel supports and reportedly has no piping connections to the building. The tank has no secondary containment. The empty AST was slated for removal; however, site contacts could not confirm that removal has been conducted.

There are currently no plans for future construction at PICA-075/Site 36.

3.4.2 Previous Investigations

During 1981 building renovations to allow use as a permitted hazardous waste storage facility, bags of asbestos and friable asbestos materials were discovered in the

building. The building underwent an asbestos abatement in conjunction with the renovation of the building.

In August 1991, stormwater samples were collected during a rain event that caused outdoor berms to overflow. Three grab samples and two composite samples were to be collected from the berms on the loading dock, on the west side of the building where hazardous waste drums were temporarily stored. The storm event ended before composite samples could be collected. The grab sample from the northernmost gap in the berm exceeded the effluent limits for total suspended solids, lead, and pH.

Site documents indicate that air sampling was conducted in the building to assess the potential for worker exposure to airborne contaminants. The samples were analyzed for solvents, chlorinated solvents, and inorganics. Only low levels of solvents were detected, and all levels were less than Occupational Safety and Health Administration (OSHA) standards.

Five surface soil samples were collected as part of the Phase III Preliminary Assessment (PA) / Site Investigation (SI) program conducted in 1996 (ICFKE 1998). Surface soil samples 3100SS-A, 3100SS-B, and 3I00SS-C were collected on the west side of Building 3100 immediately adjacent to the paved area beneath the building's loading dock. Surface soil sample 3100SS-D was collected from the southern end of Building 3100 from the soil beneath the ethylene glycol AST. All samples were analyzed for VOCs, SVOCs, pesticides, PCBs, explosives, metals, and anions. Surface soil sample 3100SS-E was collected immediately adjacent to the transformer pad on the north side of Building 3100 to investigate the potential for leaks from the transformer. This sample was not analyzed for metals or anions.

As part of the Phase III 2A/3A RI, monitoring well installation was attempted at three separate locations in the vicinity of the ethylene glycol AST; however, unexploded ordnance (UXO) clearance could not be obtained to a depth sufficient to install a monitoring well at any of these locations. One subsurface soil sample (6MW-5A) was collected from one of the attempted monitoring well locations, from a depth of 4 to 6 ft, and was analyzed for VOCs, SVOCs, TAL metals, cyanide, anions, explosives, and ethylene glycol. Additional sampling at this site was not warranted for the Phase Ill 2A/3A RI. Groundwater samples were not collected in direct association with Site 36; however, groundwater monitoring wells were installed and sampled within and around the adjacent, downgradient site, PICA-162 (052)/Site 6, and those results are discussed with Site 6.

3.4.3 Nature and Extent of Contamination

Data are not available from the Picatinny Database for Site 36; however, data in former reports were reviewed, and the historical sample locations for Site 36 are shown on Figure 3-8.

None of the surface or subsurface soil samples collected at PICA-075/Site 36 had concentrations of any constituents which exceeded their respective SC.

3.4.4 Summary of Risk Assessments

The Phase III PA/SI recommended no further action for Site 36; therefore, human health and ecological risk assessments were not conducted due to the low concentrations of potential contaminants. The historical data was compared to the NJDEP Residential Soil Remediation Standard (SRS) and the USEPA RSLs, and there were no exceedances. Therefore, this site qualifies for No Further Action (NFA) and can be released for unrestricted use.

3.5 PICA-075/Site 47 - Buildings 3005 and 3006, Heavy Equipment Maintenance

3.5.1 Site History

PICA-075/Site 47 consists of Buildings 3005 and 3006. Building 3005 is a 3,500 ft^2, one-story structure that was constructed in 1941 for use as a railroad roundhouse and for the storage of construction equipment (Figure 3-9). The roundhouse was used through the 1960s to store locomotives and rail cars that transported coal to the Navy Hill power house (Building 3405). Building 3005 was converted for use as a maintenance facility for repairing heavy equipment (e.g., bulldozers) in 1962 and is still used for this purpose. A pit was associated with Building 3005 and was used by mechanics during the repair and maintenance of locomotives. In 1976, the pit was backfilled, but the source of the backfill material is unknown.

Prior to 1962, the primary substances used at Building 3005 were lubricating oil, coal, locomotive fluids, and fuel oil. After 1962 maintenance-related activities generated wastes, such as oily rags, oil, absorbent contaminated with oils, batteries, steel, and aluminum shavings, in unknown quantities. The absorbent material was used for spill containment and control. Waste materials were reportedly drummed and stored on a concrete pad (Building 3005-A). A May 1989 spill report indicated that 2 gallons of hydraulic fluid leaked onto the asphalt and gravel near Building 3005 as a result of

repair activities on a vehicle with a cracked hydraulic line. According to Picatinny personnel, the incident was reported to NJDEP and cleaned in an appropriate manner.

A 5,000-gallon UST was located in the grassy area east of Building 3005 between the building and Main Road. The UST (UST #44) was constructed of steel and was used to store #2 diesel fuel. The tank was believed to have been installed in 1983 and was removed in September 1990 because it was no longer operational.

Building 3006 was constructed by the Navy in 1953 as a storage building. Building 3006 was used to store waste: waste motor oil, oily rags, and contaminated speedy-dry were temporarily stored inside the building (Solecki 1989). Operation of the building was transferred to the Army in 1962, and building use remained the same; however, the building was also used for a few years in the mid 1980s for the repair of small gas engines. Reported wastes generated at Building 3006 were gasoline, oil, oily rags, and aerosol spray cans. According to Picatinny personnel, used engine oil was previously disposed of by pouring it into a pit located on the south side of Building 3006 and down the steep slope on the west side of the building.

There are currently no plans for future construction at PICA-075/Site 47.

3.5.2 Previous Investigations

As part of closure activities for Building 3005, oil drums and any other remaining materials located in the shed on the west side of Building 3005 were removed. Confirmatory samples were collected on October 11, 1991. The shed was steam cleaned and surveyed for UXO clearance and underground utilities. Verification samples were collected, including chip, wipe, and soil samples. The soil samples were collected from a hole bored through the concrete floor. No building-specific studies have been conducted at Building 3006.

The removal of UST #44 and the excavation of the soil around this tank were carried out in 1990 (closure report submitted in 1991). According to the Tank Closure Report, soil samples collected during excavation showed low levels of TPH contamination. The total amount of soil removed from the area of the tank was estimated to be two cubic yards. A second round of sampling was performed after completion of removal activities, samples were analyzed for TPHs and no exceedances were found.

The initial Phase II RI sampling activities (Round 1) at Site 47 were conducted between May 1995 and November 1996. The Phase II Round 1 RI sampling program for Site 47

included a geophysical and soil-gas survey and the collection of 18 surface soil and 16 subsurface soil samples. These samples were analyzed onsite for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPHs. An additional 6 surface soil samples and 21 subsurface soil samples were collected from 2 soil borings, 2 test pits, and during the installation of 2 monitoring wells. Test pits were excavated to investigate anomalies found by the geophysical survey. Two groundwater samples were collected from the monitoring wells.

A geophysical survey was conducted to identify a former waste oil pit between Buildings 3006 and 3005A and to confirm the previous removal of the UST at the southern area of the site. The survey concluded that there was no indication of a UST remaining; however, several unexplainable anomalies were identified. Test pits 47-TP-001 and 47-TP-002 were excavated to investigate two of these anomalies. Three soil samples were collected from each test pit. The test pit samples were analyzed onsite for TCL VOCs, TCL SVOCs, pesticides, explosives, and PCBs. Test pit samples were analyzed offsite for inorganics.

Follow-up investigations (Round 2) were conducted between May and June 2001, which included the collection of three surface soil and three subsurface soil samples.

3.5.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-10 shows the location and concentrations where one or more constituent exceeded an SC.

There were no VOC, pesticides, PCBs, or explosive exceedances in surface soil samples. The SVOC benzo(a)pyrene was detected at concentrations which exceeded the SC (0.2 mg/kg) at four surface sample locations: I-47-SS-008A (20 mg/kg), I-47-SS-006A (0.70 mg/kg), I-47-SS-009A (0.45 mg/kg), and I-47-SS-011 (0.32 mg/kg). All other SVOCs detected above their respective SC in surface soil were located at sample I-47-SS-008A and included: benz(a)anthracene (10 mg/kg, SC = 2 mg/kg), benzo(b)fluoranthene (20 mg/kg, SC = 2 mg/kg), dibenz(a,h)anthracene (2 mg/kg, SC = 0.2mg/kg), and indeno(1,2,3-c,d)pyrene (10 mg/kg, SC = 2 mg/kg). Two surface soil samples contained metals at concentrations greater than their respective SC: manganese at I-47-MW-001 (6,100 mg/kg, SC = 5,900 mg/kg) and arsenic at I-47-SS-008A (23.9 mg/kg, SC = 19 mg/kg).

In subsurface soils, there were no SC exceedances for VOCs, pesticides, PCBs, or explosives. There were detections of SVOCs in subsurface soils, but only a few SC exceedances including: benzo(a)pyrene (SC = 0.2 mg/kg) at I-47-SS-011 (1.2 mg/kg) and I-47-SB-001 (0.80 mg/kg), and dibenzo(a,h)anthracene (SC = 0.2 mg/kg) at I-47-SS-011 (0.21 J mg/kg). One subsurface sample location contained one metal at a concentration greater than its SC: manganese (SC = 5,900 mg/kg) at I-47-MW-002 with a concentration of 6,800 mg/kg.

For groundwater, SC were not exceeded for SVOCs, pesticides, PCBs, or explosives. The only VOC identified at concentrations greater than the SC (3 ug/L) was methylene chloride in well I-47-MW-001 at a concentration of 4.4 ug/L. Methylene chloride is a common laboratory contaminant and it is unlikely that this exceedance is attributable to current or former site activities. The only other constituents detected above SC were metals, most of which are known to be prevalent in native materials in this area of New Jersey. Lead (SC = 5 ug/L) was detected in wells I-47-MW-001 and I-47-MW-002 in concentrations of 6.19 ug/L and 16.80 ug/L, respectively. Lead was also detected in several groundwater samples from surrounding sites, at concentrations slightly greater than the SC. A groundwater sample from well I-47-MW-001 exceeded the sodium SC (50,000 ug/L) at a concentration of 61,900 ug/L. A groundwater sample from well I-47-MW-002 exceeded the SC for aluminum (SC = 200 ug/L), iron (SC = 300 ug/L), and manganese (SC = 50 ug/L) with respective concentrations of 249 ug/L, 36,400 ug/L, and 861 ug/L.

Subsurface soil at I-47-MW-002 exceeded SC concentrations for manganese, which may be related to the groundwater exceedance of manganese observed in groundwater from this well. No surface soil exceedances for manganese were observed, however. It is, therefore, likely that the manganese is due to native materials rather than specific site activities.

3.5.4 Summary of Risk Assessments

3.5.4.1 Human Health

An HHRA for Site 47 receptors were previously provided in the Phase II RI Report (Shaw 2005c). The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of HHRA calculations for carcinogenic risk at Site 47 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and future Industrial/Research Worker: carcinogenic risk number of 4E-05/ noncarcinogenic HI of <1.

- Current and future Construction/Excavation Worker: carcinogenic risk number of 6E-07/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.5.4.2 Lead Blood Model Results

The lead blood model was not calculated at this site as lead was not identified as a COPC.

3.5.4.3 Ecological

Site 47 consists of buildings, pavement, and mowed grassy areas. The soil samples were collected in the mowed area beneath the pavement or on a hillside constructed of rubble. As a result, the site was not evaluated in the Phase II ERA because ecological risks were considered to be minimal.

3.5.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 to 1E-04;

- The noncarcinogenic hazard is at or less than 1;

- Lead is not a concern at this site as it is not a COPC; and

- Based on habitat and site use, significant impacts or ecological risks are not expected at this site.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated

and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.6 PICA-075 /Site 102 – Building 3050, Former Enlisted Men's Barracks

3.6.1 Site History

Building 3050 is a U-shaped (~3,100 square ft) structure with symmetrical wings and was built in 1934. Building 3050 has only been used as a barracks (Figure 3-11). The building has a dark room available for personnel to develop photographs. The dark room is located on the basement level in the southwest corner of the building.

Transformer TR-3050 (old number 3056), located on Main Road west of Building 3050, was replaced with a new transformer in the late 1990s as part of a facility-wide transformer replacement/removal action.

Waste materials generated at Building 3050 come from photographic development activities performed in the dark room. These wastes include photographic developers, stop bath, and fixing/clearing solutions. Documentation states that the fixing/clearing solution is flushed down a sink drain, while the other materials are stored in hazardous waste containers and sent to the Picatinny Burning Ground.

According to Picatinny personnel, an oil and lube rack was once located on the west or north side of Building 3050 and was used to change automobile fluids (including oil). The rack was removed and the area was backfilled between 1983 and 1984. A spill report indicated that approximately 2,000 gallons of sewage overflowed onto the soil at Building 3050. The exact location of the spill was not documented. The spill was remediated by chlorinating the area. According to Picatinny personnel, this was an isolated incident.

There are currently no plans for future construction at PICA-075/Site 102.

3.6.2 Previous Investigations

A geophysical survey, using an EM61, was conducted over an approximate 250 ft by 50 ft grid with 50 ft grid spacing in the parking area behind the barracks in 1995/1996. The objective of the survey was to verify the location and orientation of a 1,000-gallon fuel oil UST. One unexplained anomaly was discovered near the northwestern corner of Building 3050. In an effort to gain more information on this anomaly, three ground

penetrating radar (GPR) lines were run in the vicinity of the EM61 anomaly. No evidence was acquired from the two geophysical methods of an UST at this site. However, in order to investigate the EM61 anomaly, monitoring well 102MW-2 was located downgradient of the anomaly. One test pit, 102TP-1 was installed near the anomaly identified in the parking area. An UST with approximately 500 gallon capacity was uncovered in the test pit about 1 ft below the asphalt pavement. Upon discovery of the UST, the Picatinny Safety Office was notified and the excavation was backfilled. The tank was subsequently removed.

Geophysical surveys were also conducted over an approximate 250 ft by 50 ft grid in the area immediately to the north of Site 102 parking lot. The EM31 method was used in the conductivity and in-phase modes to screen the area for USTs. The two data sets showed the presence of some metallic debris but no USTs.

A 1,000-gallon #2 fuel oil UST was located on the north side of Building 3050. The tank was believed to be 25 years old and out of service when it was removed by Weston in October 1993. Additionally, the area of the former UST was investigated as part of the Phase II RI. A 500-gallon UST was also removed from the parking area.

The initial Phase II RI sampling activities (Round 1) at Site 102 were conducted between May 1995 and November 1996. The Phase II Round RI sampling program for Site 102 included conducting a geophysical and soil-gas survey, sampling newly installed wells, and collecting eighteen surface soil and twenty subsurface soil samples.

Follow-up investigations (Round 2) were conducted between May 2001 and June 2002 based on the results of the previous sampling and included collection of 12 surface soil, three subsurface soil, and 11 groundwater samples (from wells and hydro-punch). Samples were generally analyzed for VOCs, SVOCs, pesticides, metals, and TPH.

A soil-gas survey was conducted at Site 102 in 1995 within an approximate 140 ft by 100 ft grid. The grid was located on the northeast side of Building 3050 in the area of the former 1,000-gallon UST and the reported unauthorized motor oil disposal area. The survey was conducted on a 20-ft grid spacing. A total of 37 soil-gas samples were collected from the survey grid. Acetone (0.45 parts per million volume [ppmv]) was detected in a soil-gas sample collected on the southeast corner of the survey grid, and total xylenes (0.58 ppmv) were detected in a sample collected along the edge of the tree line and the asphalt parking lot. 1,1-dichloroethene (DCE) and cis-1,2-DCE were detected at concentrations of 1.08 ppmv and 0.18 ppmv, respectively, in a sample

collected at the bottom of the hill in the woods on the north side of the stream line. None of the constituents detected in the soil gas survey were detected in soil samples in concentrations that exceeded their respective SC, as discussed in the following Nature and Extent of Contamination section.

3.6.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-12 shows the location and concentrations where one or more constituent exceeded an SC.

Surface soil samples were collected, and analyzed both onsite and offsite. Some of the constituents selected for off-site analysis were selected based upon onsite detections. Several SVOCs were detected in surface soil samples at concentrations that exceeded the respective SC including: Benz(a)anthracene (SC = 2 mg/kg), benzo(a)pyrene (SC = 0.2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg), benzo(k) fluoranthene (SC = 23 mg/kg), dibenz(a,h)anthracene (SC = 0.2 mg/kg), and indeno(1,2,3-c,d)pyrene (SC = 2 mg/kg). Benzo(a)anthracene was detected with concentrations greater than the SC in six samples and ranged from 2.10 mg/kg to 30 mg/kg. Surface soil concentrations that exceeded SC for benzo(a)pyrene were observed in eight samples and ranged from 1.3 mg/kg to 40.0 mg/kg. Six samples contained concentrations of benzo(b)fluoranthene in excess of the SC, ranging from 2.10 mg/kg to 40.0 mg/kg. Benzo(k)fluoranthene concentrations exceeded the SC at one sample location with a concentration of 40.0 mg/kg. Dibenz(a,h)anthracene exceeded the SC at five sample locations with concentrations ranging from 0.24 mg/kg to 5 mg/kg. Indeno(1,2,3-c,d)pyrene exceeded the SC in four samples with concentrations ranging from 6.1 mg/kg to 30.0 mg/kg.

There was only one location in surface soils at which a pesticide (4,4-dichlorodiphenyltrichloroethane [DDT]) exceeded the SC, which is 8 mg/kg: 102SS-3A (18 mg/kg). The only other constituents detected in surface soils at concentrations greater than the SC were three metals: lead (SC = 800 mg/kg), arsenic (SC = 19 mg/kg), and manganese (SC = 5900 mg/kg). Arsenic exceedances were as follows: 102MW-1A (25.9 mg/kg) and 102TP-1A (23 mg/kg). Lead exceedances were as follows: 102SS-7A (2,630 JD mg/kg), 102SS-18 (1,570 J mg/kg), 102SS-2A (1,790 mg/kg), 102SS-3A (2,800 mg/kg), and 102SS-4C (875 mg/kg). The majority of lead SC exceedances occur at sample locations that are directly north of Building 3050. There was only one manganese exceedance at 102MW-2A (6,130 mg/kg).

There were no subsurface samples that exceeded SC for any constituents analyzed at the laboratory.

In groundwater, one VOC was detected at a concentration greater than the SC (3 ug/L): methylene chloride (a common laboratory contaminant) was detected at a concentration of 5.3 ug/L, but reports indicate this exceedance was in the sample blank as well. Other constituents which exceeded SC were generally naturally occurring inorganics: aluminum (SC = 200 ug/L), chloride (SC = 250,000 ug/L), iron (SC = 300 ug/L), manganese (SC = 50 ug/L), sodium (SC = 50,000 ug/L), and thallium (SC = 0.5 ug/L). Lead concentrations exceeded SC (5 ug/L) in six groundwater samples with a range from 9.8 ug/L to 190 ug/L. Lead was also detected in several groundwater samples from surrounding sites, at concentrations slightly greater than the SC. The remaining constituents exceeded SC at two locations: I-102- HP-003 and I-102-MW-001. The aluminum concentrations were 30,700 ug/L and 25,500 ug/L, respectively. The iron concentrations were 31,000 ug/L and 46,900 ug/L, respectively. The manganese concentrations were 2,400 ug/L and 536 ug/L, respectively. Arsenic (7.10 ug/L) and thallium (1.70 ug/L) only exceeded SC in I-102- HP-003, while chloride (310,000 ug/L) and sodium (159,000 ug/L) only exceeded SC in I-102-MW-001. Most of the groundwater exceedances observed were due to naturally occurring metals.

3.6.4 Summary of Risk Assessments

3.6.4.1 Human Health

An HHRA was completed for Site 102 receptors and provided previously in the 2005 Phase II RI Report. The carcinogenic risk for the reasonably anticipated future use of the industrial/research worker and construction worker was reassessed in 2009 and updated to include currently acceptable parameters detailed in Appendix C. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk of 1E-06 to 1E-04 for the industrial/research worker and the construction worker. Site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 102 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and Future Industrial/Research Worker: carcinogenic risk number of 1E-04/ noncarcinogenic HI of <1.

- Current and Future Construction Worker: carcinogenic risk number of 7E-07/ noncarcinogenic hazard of 1.

No additional human health risks were calculated for hypothetical use scenarios.

3.6.4.2 Lead Blood Model Results

The current and reasonably anticipated future use scenarios at this site were reevaluated to reflect current guidance for model input parameters, as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial Worker (surface soil): No concern – the average lead concentration of 849 mg/kg is less than the calculated PRG of 1,092 mg/kg.

3.6.4.3 Ecological

Although Site 102 consists predominantly of Building 3050 and pavement, the site was evaluated in the Phase II ERA because the site is adjacent to forested areas. Of the ten earthworm tissue samples analyzed from the Phase II sites, including control and reference samples, the Site 102 earthworm tissue contained the maximum concentrations of the polynuclear (or polycyclic) aromatic hydrocarbon (PAH) fluoranthene and pesticides 4,4'-DDD; 44'4,4'-DDT; and 4,'44'- DDE. All of these compounds were detected in the surface soil samples collected at Site 102. Despite the elevated concentrations of these compounds in the earthworm tissue, it does not appear to have affected the survival of the earthworms. Environmental effects quotients (EEQ) for the COPECs detected in earthworm tissue samples collected from the Site 102 soil bioassay were less than 1 for all chemicals with the exception of 4,4'-DDT (1.34) in the woodcock. The food chain modeling suggests that there is little potential risk to terrestrial mammals and avian species from soil exposure at Site 102.

3.6.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is at or less than 1;
- Lead is not a concern at this site; and
- Ecological risks are expected to be minimal to terrestrial mammals and avian species.

No hypothetical use scenarios were evaluated for this site.

3.7 PICA-075/Site 188 - Building 3173, Former Coal Storage Area

3.7.1 Site History

PICA-075/Site 188 consists of Building 3173. The layout of Site 188 is shown on Figure 3-13. Building 3173 was used as a carpentry shop and storage area from the time of its construction in 1902 until the late 1950s. The building has a coal storage area behind it that was used for the Building 3013 power plant from approximately the 1930s until the 1960s. This former coal storage area is referred to as Building 3175. In the early 1960s, Building 3173 was converted for use as an Explosive Ordinance Disposal (EOD) laboratory. This laboratory is thought to have been primarily an ordnance and physical testing facility, not a chemical laboratory. In 1968, the building was assigned to the Aerial Mine Division as a laboratory. In 1989 the building was used as a youth center with a playground proposed for cleared land adjacent to the former coal storage area. In 1992, the proposal to construct a playground in the area behind Building 3173 was cancelled and the youth center was moved to another location. Building 3173 was last reported as being used as office space for a volunteer organization. The building has been used for this purpose since early 1996. During the 1996 ICFKE site inspection, the unpaved area immediately adjacent to the former coal storage area was being used for the staging of concrete rubble.

According to the Picatinny transformer database, at one time there were three 37.5 KVA transformers inside the building. In 1981, these transformers were considered PCB transformers. These transformers contained 25 gallons of dielectric fluid and were reportedly in fair condition. According to a letter from EAO in 1989, the three transformers at the building were leaking. These transformers have since been removed.

Materials used at Building 3173 included coal, small ordnance items, and potentially small amounts of solvents such as acetone, paints, and thinners.

During the tenure of the building as an EOD laboratory, ordnance components were tested and developed in the building. The building only possessed an explosives allowance for small amounts of explosives (less than 1 pound [lb.]). Only a few completed ordnance items were permitted in the building. The majority of these items are believed to have been unloaded. According to a 1961 standard operating procedure (SOP), the area behind the Building 3173 coal bunker was used for the evaluation of a render-safe procedure for ordnance items.

In 1992, approximately 20,000 to 30,000 gallons of sewage is estimated to have spilled from a manhole overflow in the vicinity of Building 3173. The area was chlorinated, and the blockage which caused the overflow was removed.

There are currently no plans for future construction at PICA-075/Site 188.

3.7.2 Previous Investigations

In 1991, two investigations were conducted by the USAEHA in order to evaluate the former coal storage area as a potential playground. Initially, six surface soil samples were collected in the former coal storage area and analyzed for TPH, BNAs, and oil/grease. Oil/grease detections ranged in concentration from 114 to 5,440 parts per million (ppm). Detections of TPH ranged in concentration from non-detect to 1,640 ppm. Benzidine and fluoranthene were detected in one sample at concentrations of 0.76 ppm and 0.86 ppm, respectively. Thirteen additional samples were then collected to provide a preliminary evaluation of the constituents detected in the soil samples from the proposed playground site. Nine of the samples were collected in the former coal storage area. One sample was collected downgradient of the coal storage area, one sample was collected adjacent to Building 3173, one duplicate sample was collected, and one background sample was collected. Detections of TPH in surface soil samples in the second round of sampling ranged in concentration from 42 to 660 ppm. The detected concentration of TPH in the background sample was 89 ppm. Detections of Target BNAs were detected in only one sample at concentrations above the method detection limit (MDL). Benzidine was not detected above the MDL.

In 1996, as part of the PA/SI, four surface soil samples were collected from the area of Building 3173 to investigate the constituents present in the area of the former coal storage area and the area downgradient of the former coal storage area. The samples,

L-188-3173SS-A, L-188-3173SS-B, L-188-3173SS-C, and L-188-3173SS-D, were analyzed for SVOCs, anions, and metals.

In 1998, the bulk coal storage areas at Picatinny were identified by U.S. Army Center for Health Promotion and Preventative Medicine (USACHPPM) as potential radioactive sites. USACHPPM noted that naturally occurring isotopes are usually associated with coal. The presence of the radioactive materials is coincidental and usually too small to be of concern. However, this potential source of radioactive material can become important when the volume of coal and its storage time are large. USACHPPM recommended that environmental sampling at the bulk coal storage areas include radiological parameters.

The 2000-2002 Phase III 2A/3A RI at Site 188 included the following:

- Installation of one monitoring well L-188-MW-001;
- One groundwater sample, collected from L-188-MW-001. The sample was analyzed for VOCs, SVOCs, radiological parameters, metals, and the isotope Radium-228;
- Collection of 18 surface soil samples. Analysis of the surface soil samples included VOCs, SVOCs, radiological parameters, metals, and the isotope Radium-228;
- Two subsurface soil samples. Analysis of the subsurface soil samples included SVOCs and metals; and
- Two surface water/sediment samples. Analysis of the surface water and sediment samples included VOCs, SVOCs, radiological parameters, metals, and the isotope Radium-228.

3.7.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-14 shows the location and concentrations where one or more constituent exceeded an SC.

No VOCs or radiological parameters were detected in surface soils at PICA-075/Site 188 at concentrations greater than the SC. Thirteen surface soil samples had detections of one or more of the following SVOCs at concentrations greater than their

respective SC; benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene. The maximum concentrations of all five SVOCs were detected at sample location L-188-MW-001, from 0 to 2 ft. Maximum concentrations of SVOCs were; 17.00 D mg/kg benz(a)anthracene (SC = 2 mg/kg), 15.00 D mg/kg benzo(a)pyrene (SC = 0.22 mg/kg), 17.00 D mg/kg benzo(b)fluoranthene (SC = 2 mg/kg), 2.00 JD mg/kg dibenz(a,h)anthracene (SC = 0.22 mg/kg), and 7.70 D mg/kg indeno(1,2,3-c,d)pyrene (SC = 2 mg/kg).One surface soil sample, location L-188-SS-013 from 0 to 1 ft., had a detection of lead (1020.00 J mg/kg) greater than its respective SC (800 mg/kg). Eleven surface soil samples had detections of arsenic greater than its respective SC (20 mg/kg). The maximum detection of arsenic occurred at location L-188-SS-004 from 0 to1 ft., at a concentration of 98.40 mg/kg.

There were no detections of constituents greater than their respective SC in subsurface soil samples collected at PICA-075/Site 188.

Sediment samples at locations L-188-SD-001 and L-188-SD-002 had detections of nine SVOCs which exceeded their respective SC: benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-c,d)pyrene, phenanthrene, and pyrene. L-188-SD-002 also had a detection of the SVOC benzo(g,h,i)perylene (0.39 J mg/kg) above its SC (0.29 mg/kg). The maximum concentrations of the other nine SVOCs were at L-188-SD-002; 0.64 J mg/kg benz(a)anthracene (SC = 0.0317 mg/kg), 0.74 mg/kg benzo(a)pyrene (SC =0.0319 mg/kg), 0.98 mg/kg benzo(b)fluoranthene (SC = 0.0272 mg/kg), 0.38 J mg/kg benzo(k)fluoranthene (SC = 0.0272 mg/kg), 0.82 mg/kg chrysene (SC = 0.0571 mg/kg), 1.80 mg/kg fluoranthene (SC = 0.06423 mg/kg), 0.37 J mg/kg indeno(1,2,3-c,d)pyrene (SC =0.078 mg/kg), 0.96 mg/kg phenanthrene (SC = 0.0419 mg/kg), and 1.40 mg/kg pyrene (SC = 0.053 mg/kg). Six metals were detected at concentrations which exceeded their respective SC at location L-188-SD-002. The metals detected at this sediment sample location included; 3.90 J mg/kg cadmium (SC = 1.7 mg/kg), 60.90 J mg/kg copper (SC =28 mg/kg), 134 J mg/kg lead (SC = 38.8 mg/kg), 13100 JD mg/kg manganese (SC = 1673 mg/kg), 0.31 J mg/kg mercury (SC = 0.249 mg/kg), and 2480 JD mg/kg zinc (SC = 171 mg/kg).

No VOCs, SVOCs, or radiological parameters were detected at concentrations which exceeded SC. Four metals (aluminum, iron, lead, and manganese) were detected at two surface water sample locations, L-188-SW-001 and L-188-SW-002, at concentrations exceeding their respective SC. Maximum concentrations of 1,900 ug/L aluminum (SC = 190 ug/L), 7,200 ug/L iron (SC = 1,790 ug/L), 24.0 ug/L lead (SC = 3.2

ug/L), and 2,400 ug/L manganese (SC =383 ug/L), were detected in samples collected at L-188-SW-001. Cadmium (1.00 J ug/L) and copper (11 ug/L) were also detected at L-188-SW-001 above their respective SC, 0.28 ug/L and 9.4 ug/L. Sodium (42,600 J ug/L) and zinc (210 J ug/L) were detected at L-188-SW-002 above their respective SC, 42,300 ug/L and 122 ug/L.

No VOCs or SVOCs were detected above their SC in groundwater samples collected at Site 188. One radiological parameter, gross alpha (SC = 15 pCi/L), was detected at a concentration of 16.40 pCi/L in a duplicate sample from L-188-MW-001 on 3 January 2001. Five metals were detected at concentrations above their SC in the groundwater sample collected at L-188-MW-001 on 3 January 2001. Concentrations of these metals were 22,000 ug/L aluminum (SC = 200 ug/L), 5.10 ug/L arsenic (SC = 3 ug/L), 47,200 ug/L iron (SC = 300 ug/L), 8,400 ug/L manganese (SC = 50 ug/L), and 1.70 JWb ug/L thallium (SC = 0.5 ug/L). Groundwater at this site is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.7.4 Summary of Risk Assessments

3.7.4.1 Human Health

An HHRA was completed for Site 188 receptors and provided previously in the Phase III 2A/3A Site Report (Shaw 2005d). The carcinogenic risk for the reasonably anticipated future use of the industrial/research worker was reassessed in 2009 and updated to include currently accepted parameters detailed in Appendix C. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 188 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industry/Research Worker: carcinogenic risk number of 6E-05/ noncarcinogenic HI of <1.

- Future Construction/Excavation Worker: carcinogenic risk number of 4E-09/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for hypothetical use scenarios not reasonably anticipated and are as follows:

- Future On-site Youth Visitor: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.
- Future Adult Resident (mixed soil): carcinogenic risk number of 6E-04/ noncarcinogenic HI of 1.
- Future Adult Resident (sediment): carcinogenic risk number of 3E-05/ noncarcinogenic HI of 1.
- Future Child Resident (mixed soil): carcinogenic risk number of 5E-04/ noncarcinogenic HI of 7.
- Future Child Resident (sediment): carcinogenic risk number of 2E-05/ noncarcinogenic HI of 9.
- Future Adult + Child Resident (mixed soil): carcinogenic risk number of 1E-03/noncarcinogenic HI not evaluated.

3.7.4.2 Lead Blood Model Results

The current and reasonably anticipated future use scenarios at this site were reevaluated to reflect current guidance for model input parameters, as detailed in Appendix C, and the PRG revised accordingly. The following results were reported.

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial Worker (surface soil): No concern – the average lead concentration of 349 mg/kg is less than the calculated PRG of 1,092 mg/kg.
- In addition, human health risks associated with lead exposures for hypothetical use scenarios not reasonably anticipated were determined to be a concern for the Adult Resident and Child Resident scenarios.

3.7.4.3 Ecological

There is suitable habitat in the vicinity of the former coal storage area such that wildlife could be exposed to PAH or arsenic in soils or PAHs and metals in the intermittent stream. The Phase III /Phase 1 2A/3A ERA (Shaw 2004b) evaluated a small mammal survey, wildlife exposure modeling, rodent sperm analyses, and a breeding bird survey in Northern Area L to evaluate the potential risk to receptors from the former coal storage area. The ERA determined that it was unlikely that ecological communities in this area are at any further significant risk from site contaminants present in environmental media at these sites, and that further remedial actions based on ecological risks are not warranted.

3.7.4.4 Summary or Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is <1;
- Lead is not a concern at this site;
- Based on sampling results, radiological parameters are not a concern at this site; and
- There are no likely risks to ecological communities from environmental media at this site.

For the hypothetical residential use risk scenarios evaluated (Adult, Child, and Adult and Child), chemical risks are greater than 1E-04, the HIs are greater than 1, and lead is a concern.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards that exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

3.8 PICA-091/Site 55 - Buildings in 200 Area

3.8.1 Site History

PICA-091/Site 55 is located immediately southwest of PICA-091 (127) Site 127. The layout of this site is shown on Figure 3-15. This site consists of Buildings 221 and 225. Building 223 was also located within site 55, however, the building has been removed, and the exact location is unknown.

Building 221 was constructed in the mid- to late-1940s. The only known renovation activities occurred in the late 1960s and 1988 as part of an initiative to change PTA from a production facility to a research and development facility. Pilot-scale explosive unit machining and pack-out operations occurred at Building 221 until the early- to mid-1970s. Other activities conducted at Building 221 include explosive unit testing, inspection, and storage (antiquated equipment and operations-related materials such as uranium-235 and methylene chloride). Both explosives and munitions were inspected at Building 221, and the radiographic equipment used is known to have contained a cobalt-60 source, which is a high-energy gamma emitter.

Picatinny Arsenal personnel reported that materials used at Building 221 were limited to explosives, radioactive materials (Cobalt-60 and DU), and small amounts of solvents (primarily acetone) and propellants. Picatinny Arsenal personnel estimated that Building 221 generated less than 25 lbs/yr of propellant and/or explosive wastes and less than 750 gallons/yr of explosives contaminated wastewater operating under full capacity and optimum conditions. All waste material, except contaminated wastewater, was sent to the PTA Burning Ground for disposal. During operational periods, contaminated wastewater from Building 221 (e.g., wastewater from steam traps, wastewater from wash down activities, and wastewater from vacuum pumps and condensate lines) from Building 221 was filtered and discharged to a holding tank at Building 225 via an in-line trough conveyance system. According to PTA personnel, the filtrate was collected as a scrap waste and sent to the PTA Burning Ground for disposal. This trough originates at a 100-gallon collection tank located in a shed on the northeast side of Building 221. Non-contact wastewater was discharged directly onto the ground. Building 221 is reportedly used for materials storage.

Former Building 223 is believed to have been located between Buildings 221 and 225. Because of the building's proximity to Buildings 221 and 225, it is believed that operations would have been similar. Furthermore, when Building 223 was operational,

it is believed that wastewater discharges would have been conveyed via a wooden trough system to Building 225.

Building 225 was constructed in the 1940s and contains eight work bays. The building is reportedly used for machining and light assembly of prototype explosives and propellant units. Specific operations include solid explosives or propellant cutting, drilling, and pressing (casting). Wastewater generated from explosives and propellant operations at Building 225 is collected by floor troughs and conveyed through plastic pipes to a 4,000-gallon collection tank. The collection tank also received explosives contaminated wastewater from Buildings 221, 230, 231, 232, and former Building 223 via a wooden trough conveyance system. The tank was installed in 1955 and is located in the basement of Building 225 in a reinforced concrete room, which provides some secondary containment. The tank was upgraded in 1992 to include a high-level alarm. Wastewater conveyed to the Building 225 collection tank ran through a variety of filters and conveyance systems, and was eventually discharged to BSB. Wastewater may have been managed in this manner until 1983. Wastewater collected in the Building 225 tank is currently stored for up to 90 days and then shipped to Building 809 for treatment.

Picatinny Arsenal personnel reported incidents of tank overflow or leaks, although no records were available. One incident described involved the discharge of approximately 25 gallons of propellant-contaminated wastewater. Reportedly, most wastewater was contained within the trough conveyance system. Similarly, unrecorded overflows of the original trough system were recalled, which prompted intrusive investigations and eventual replacement of the system with flexible piping.

Waste materials generated at Building 225 were limited to waste explosives and propellants (15-50 pounds per month), contaminated wastewater (1,250 gallons per month), and small quantities of solvents (primarily acetone). Waste materials other than wastewater were sent to the PTA Burning Ground for disposal.

Three 75-KVA pad-mounted transformers (TR-225) were located on the east side of Building 225. According to the PTA transformer database, one of the transformers had an Aroclor 1260 concentration of 85 mg/kg, while the other two transformers were not PCB-contaminated. The database also indicated that all three transformers were in fair condition. These transformers were removed in the 1990s as part of a facility-wide transformer removal action.

There are currently no plans for future construction at PICA-091/Site 55.

3.8.2 Previous Investigations

Site 55, Building 221

In 1990, a health survey indicated that maximum beta levels inside Building 221 were less than detection limits. Other results obtained as part of the survey indicate the highest reading to be 3 milliroentgens per hour at the open port, and 1 milliorentgen per hour around the port after shielding was placed in the opening. The survey was conducted in preparation for and in conjunction with the removal of a radiographic cobalt-60 source used in Building 221. No corrective actions were required as a result of the survey.

Site 55, Building 223

No building-specific studies have been conducted at former Building 223.

Site 55, Building 225

A 1987 internal investigation resulted in the collection of 18 soil samples from 9 locations near Building 225. These samples were collected from the ground surface and approximately 1 ft bgs. The collected samples were analyzed for HMX, RDX, and trinitrotoluene (TNT). According to PTA, no corrective actions were taken in response to this study because of proposed CERCLA investigation of this site.

RCRA closure activities performed in 1991 for the tank and basement area of this building included the collection of six soil samples. According to correspondence dated December 1992, regarding the closure, the subject area required further action under the 1991 Federal Facility Agreement between the U.S. Army Armament Research Development and Engineering Center (ARDEC) and the USEPA under CERCLA Section 120 (ICFKE 1994). The metals contamination identified during the RCRA closure activities was removed in 1992 during construction of a concrete spill containment pad for the truck loading area in front of Building 225. Soil was excavated to a minimum of three ft and disposed of offsite.

The Phase II RI (Round 1) included a radiological survey and the collection of 32 surface soil, 29 subsurface soil, and four groundwater samples. In addition, one soil boring and three monitoring wells were installed. On-site analysis was performed on all surface soil and subsurface soil samples collected at Site 55. These samples were

analyzed onsite for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPH.

Follow-up investigations (Round 2) were conducted between November 2000 and June 2001, and included the collection of four surface soil, three subsurface soil, and five groundwater samples.

3.8.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-16 shows the location and concentrations where one or more constituent exceeded an SC.

There were no SC exceedances for VOCs, explosives, pesticides, or TPH in surface soil samples at Site 55. Three SVOC compounds exceeded SC values: benzo(a)pyrene (SC = 0.2 mg/kg) at H-55-MW-002 (0.43 mg/kg) and H-55-SS-004A (2.5 mg/kg); benzo(a)anthracene (SC = 2 mg/kg) at H-55-SS-004A (2.10 mg/kg); and benzo(b)fluoranthene (SC = 2 mg/kg) also at H-55-SS-004A (3.40 mg/kg). Two PCBs were detected at concentrations greater than the SC: Aroclor 1260 and Aroclor 1254 (both SC = 1 mg/kg). Aroclor 1260 exceeded the SC at H-55-MW-002 (5.9 J mg/kg). Aroclor 1254 exceeded the SC at the following locations: H-55-SS-016 (19 D mg/kg), H-55-SS-002A (1.2 mg/kg), H-55-SS-007C (3.5 mg/kg), H-55-SS-009C (1.8 mg/kg), H-55-SS-010A (1.5 mg/kg), H-55-SS-012A (5.1 mg/kg), and H-55-SS-014 (9.4 D mg/kg). Two metals detected at concentrations greater than their SC were arsenic (SC = 19 mg/kg) at three locations: H-55-SS-002A (40 mg/kg), H-55-SS-003A (40 mg/kg), and H-55-SS-004A (20 mg/kg); and chromium (SC = 200 mg/kg) at one location: H-55-SS-008A (220 mg/kg).

There were no constituents detected at concentrations greater than the SC in subsurface soils.

The SC exceedances in groundwater were limited to explosives and metals. The 1996 data for sample H-55-MW-002 exceeded the SC for 2,4,6-TNT and RDX (both with SC = 2 ug/L) with respective concentrations of 8.51 ug/L and 27.60 ug/L. The 1996 H-55-MW-001 sample also exceeded the RDX SC with a concentration of 2.16 ug/L. Both of the aforementioned were sampled in 2000, and neither sample contained any explosives in concentrations greater than the SC. The only metal detected at concentrations greater than the SC was lead (SC = 5 ug/L) in well H-55-MW003 with

1996 and 2000 concentrations of 9.44 ug/L and 9.65 ug/L, respectively. Groundwater at this site is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.8.4 Summary of Risk Assessments

3.8.4.1 Human Health

An HHRA was completed for Site 55 receptors and previously provided in the 2005 Phase II RI Report (Shaw 2005c). The carcinogenic risk for the reasonably anticipated future use of the industrial/research worker and construction worker was reassessed in 2009 and updated to include currently accepted parameters detailed in Appendix C. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04 for the industrial/research worker. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 55 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial/Research Worker: carcinogenic risk number of 1E-04/ noncarcinogenic HI of <1.

- Future Construction/Excavation Worker: carcinogenic risk number of 6E-07/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.8.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.8.4.3 Ecological

There is limited habitat at Site 55. Most samples were collected in mowed areas or close to the buildings in an area with large boulders. As a result, food chain effects are unlikely and no ERA was conducted for this site.

3.8.4.4 Summary of Risks

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are not a concern due to limited habitat.

No hypothetical land use scenarios were evaluated for this site.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.9 PICA-091/Site 62 – Building 210, Former Hazardous Waste Storage Facility/Fuse Assembly

3.9.1 Site History

Building 210 was constructed in the 1940s. The site layout is shown in Figure 3-17. The building was originally used as a fuse assembly line where black powder was packed and formed into O-rings. Munitions pack-out occurred here for several years in the early 1970s. Since then, all equipment, except for the fuse presses, have been removed. The building has been decontaminated and was used for hazardous waste storage between September 1986 and 1988. As a hazardous waste storage facility, Building 210 stored small quantities of various chemicals, waste oil, and asbestos. The building was also used to store investigation-derived waste generated from sampling activities.

According to historical documentation, up to 80 pints per day of acetone were used for equipment cleaning from 1967 to 1970. Personnel interviews indicated that approximately one pound per day of black powder was disposed of in a utility sink

during this same time. Other wastes such as metal shavings from O-ring drilling and used acetone-soaked rags were drummed and disposed of at the PTA Burning Ground. In the past, wastewater discharged from the air conditioning and exhaust systems, a sump pump in the basement, floor drains, and dust collectors was discharged via a drain line to the ground outside Building 209, located to the southeast of Building 210. The PTA personnel reported that this practice ceased when the building was connected to the sanitary sewer system around 1990.

Three 37.5-KVA pad-mounted transformers (TR-210) are located on the east side of Building 210. According to the PTA transformer database, all three transformers were in poor condition, but did not contain PCBs.

There are currently no plans for future construction at PICA-091 (123)/Site 62.

3.9.2 Previous Investigations

In 1982, four oil samples were analyzed for PCB content. All four oil sample concentrations were less than the detection limit of 31 parts per billion (ppb) for PCBs. Specific oils tested are unknown.

Closure activities at Building 210 were performed between April and May 1991. Rinsate and wipe samples from the building were analyzed for metals.

In 1993, a preliminary site evaluation that included soil sampling and a background radiation survey was conducted in the area south of Building 210 where out-of-service military vehicles had been staged. The trucks had potentially contained leaking radium gauges. Two background soil samples and twenty site soil samples were collected and analyzed to determine the presence of radium. The soil samples were collected from areas where background radiation levels were 20 R/hr or greater.

Phase II RI sampling activities were conducted between June 1995 and October 1996. The sampling program for the Phase II RI included:

- Conducting a radiological survey;
- Collecting eight surface soil samples collected at four locations;
- Collecting one subsurface soil sample and one surface soil sample from one location;

- Collecting one surface water sample;
- Collecting two sediment samples; and
- Installation of two groundwater monitoring wells. Eleven subsurface soil samples were collected at these monitoring wells, and groundwater samples were collected from each well.

3.9.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-18 shows the location and concentrations where one or more constituent exceeded an SC.

One surface soil sample, collected at H-62-MW-001 at a depth of 0 to 2 ft bgs, had detections of SVOCs, 2 mg/kg benzo(a)pyrene (SC = 0.2 mg/kg) and 3 mg/kg benzo(b)fluoranthene (SC = 2 mg/kg), at concentrations which exceeded their respective SC. No other constituents were detected in concentrations greater than SC.

There were no constituents detected in subsurface soil samples at Site 62 at concentrations which exceeded SC.

Three metals, mercury (SC = 0.249 mg/kg), copper (SC = 28 mg/kg), and strontium (SC = 16 mg/kg) were detected above their respective SC in at least one sediment sample. Mercury was detected in sediment samples with concentrations greater than its SC at locations H-62-SD-001 (0.90 mg/kg) and H-62-SD-002 (1.33 mg/kg). Copper was also detected with a concentration greater than its SC at H-62-SD-001 (44.30 mg/kg). Strontium was also detected with a concentration greater than its SC at H-62-SD-002 (17 J mg/kg). No other constituents were detected in sediments at concentrations greater than SC.

Thirteen metals were detected at surface water sample location H-62-SW-002 at concentrations which exceeded the respective SC. Concentrations detected were: 8630 ug/L aluminum (SC = 190 ug/L), 18.80 ug/L arsenic (SC = 1.38 ug/L), 8.38 ug/L cadmium (SC = 0.28 ug/L), 16.40 ug/L chromium (SC = 1010 ug/L), 122 ug/L copper (SC = 9.4 ug/L), 49,500 ug/L iron (SC = 1790 ug/L), 152 ug/L lead (SC = 3.2 ug/L), 579 ug/L manganese (SC = 383 ug/L), 4.21 ug/L mercury (SC = 0.05 ug/L), 5.92 ug/L selenium (SC = 5 ug/L), 7.33 ug/L silver (SC = 3.8 ug/L), 5000 ug/L sulfide (SC = 2200 ug/L), and 447 ug/L zinc (SC = 122 ug/L).

Sediment and surface water impacts in BSB areas south of the Picatinny Lake outlet were evaluated through the GPB and BSB FFS (IT 2001a) and resulting ROD GPB/BSB (USEPA 2004b).

There were no groundwater SC exceedances.

3.9.4 Summary of Risk Assessments

3.9.4.1 Human Health

An HHRA was completed in 2005 for Site 62 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 62 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 7E-06/ noncarcinogenic HI of <1.

- Current Construction Worker: carcinogenic risk number of 1E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.9.4.2 Lead Blood Model

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.9.4.3 Ecological

There is limited habitat at Site 62. Soil samples were collected in mowed areas. There is no cover available for terrestrial species. Thus, no ERA was conducted on the soil samples. Surface water and sediment samples were evaluated as part of BSB.

3.9.4.4 Summary of Risks

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is <1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are not a concern due to limited habitat.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.10 PICA-091/Site 64 – Building 241, Loading/Disassembly Plant

3.10.1 Site History

PICA-091(124)/Site 64 is located in the southern end of Area H and consists of Building 241, which is located on Fifth Avenue between Sixth Street and Sixth Court, and the former location of three transformers (TR-241) to the west of Building 241, across Fifth Avenue. Figure 3-19 shows the site layout of PICA-091 (124)/Site 64. Building 241 was constructed in 1942 as a loading plant for explosive and propellant munitions. The building was later converted for demilling and disassembly of explosive projectiles. In March 1981, the building was converted to a storehouse and office space. The last known use of the building was storage of plumbing and building supplies. The PTA file documentation indicated that historical wastewater discharges from the building were conveyed by floor drains with traps to catch basins and then into an intermittent stream that discharges into BSB. Despite extensive reconnaissance, no discharge locations were identified (Shaw 2005c).

According to the PTA transformer database the three 50-KVA pad-mounted transformers (TR-241) were in fair condition and did not contain PCBs. These transformers were removed in the 1990s as part of a facility-wide transformer disposal action (Shaw 2005c). A storage/service shed was located adjacent to the transformer pad. RCRA closure of the shed was initiated in 1991, and an additional small spill (tar with kerosene) was documented in May 1992 while the shed was awaiting final closure.

There are currently no plans for future construction at PICA-091 (124)/Site 64.

3.10.2 Previous Investigations

As part of the RCRA closure of the storage shed associated with Building 241, stained and discolored soil was excavated and drummed for off-site disposal. Post-excavation results were not available when the 1991 Closure Report for Building 241 – Storage Shed was submitted; therefore, the NJDEP did not approve closure. Results were provided later in the Final Phase II RI/FS Work Plan (ICFKE 1994), along with a copy of a 1992 spill report describing a small spill of tar with kerosene in the shed.

Round 1 of the Area H Phase II RI (Shaw 2005c) was conducted between December 1995 and October 1996 and involved the installation and sampling of two monitoring wells (MW-1 and MW-2), collection of a total of 15 surface and 28 subsurface soil samples, and collection of three paired surface water and sediment samples (SW/SD-1 through SW/SD-3) in an adjacent area of Bear Swamp.

Round 2 of the Area H Phase II RI was conducted between November and December 2000 and included the collection of one surface soil (SS-7A), one subsurface soil (SB-2B), and four groundwater samples (two from hydropunch borings HP-1 and HP-2, and two from the permanent wells installed during the previous round of investigation).

Seven of the surface soil samples (SS-1A, SS-2A, SS-3C, SS-4A, SS-5C, SS-6C, and SS-7A) and five of the subsurface soil samples (MW-2A, MW-2B, SB-1B, SB-1C, and SB-2B) were analyzed offsite, while the remaining soil samples were analyzed onsite during investigation activities. Off-site analysis was conducted on all groundwater, surface water, and sediment samples collected during the Phase II RI.

3.10.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-20 shows the location and concentrations where one or more constituent exceeded an SC.

In Site 64 surface soil samples, four SVOCs, all PAHs, were detected at concentrations greater than their SC in two of seven surface soil samples. Benzo(a)pyrene concentrations exceeded the SC = 0.2 mg/kg in surface soil samples SS-3C (5 mg/kg) and SS-7 (0.35 J mg/kg). Concentrations of benz(a)anthracene (4 mg/kg), benzo(b)fluoranthene (6 mg/kg), and indeno(1,2,3-c,d)pyrene (3 mg/kg) were also detected in surface soil sample SS-3C at concentrations greater than their respective SC (2 mg/kg for each compound). Arsenic was the only metal detected at concentrations greater than its SC = 19 mg/kg in surface soil samples SS-3C (23.5 mg/kg), SS-4A (23.3 mg/kg), and SS-6C (23.2 mg/kg). No other constituents were detected in concentrations that exceeded the SC.

No constituents detected in subsurface soil samples exceeded the SC.

In sediments, the SVOCs phenanthrene and pyrene were detected at concentrations greater than their respective SC of 0.0419 mg/kg and 0.053 mg/kg, respectively, in all three sediment samples collected from the area adjacent to BSB. The respective concentrations at the sample locations were: SD-1 (phenanthrene 0.17 mg/kg and pyrene 0.26 mg/kg); SD-2 (phenanthrene 0.08 mg/kg and pyrene 0.13 mg/kg); and SD-3 (phenathrene 0.19 mg/kg and pyrene 0.35 mg/kg). Fluoranthene was also detected at a concentration greater than its SC (0.06423 mg/kg) in sediment sample SD-3 (0.34 mg/kg). The metals copper, lead, strontium, and mercury were detected at concentrations greater than their respective SC of 28 mg/kg, 38.8 mg/kg, 16 mg/kg, and 0.249 mg/kg in all three sediment samples. Detected concentrations from the three samples ranged from 33.2 mg/kg to 71.2 mg/kg copper; 50.6 mg/kg to 95 mg/kg lead; 16.8 J mg/kg to 94.5 J mg/kg strontium; and 1.82 mg/kg to 11 mg/kg mercury. Zinc was also detected at a concentration greater than the SC (171 mg/kg) in sediment sample SD-3 (342 mg/kg). No other constituents detected in sediment samples exceeded the SC.

Surface water samples were co-located with sediment samples SD-1 through SD-3. The SVOC bis(2-ethylhexyl)phthalate was detected at concentrations greater than its SC = 1.2 ug/L in surface water samples SW-2 (9.1 ug/L) and SW-3 (1,000 ug/L). No other SVOCs were detected at concentrations greater than SC. Metals detected at

concentrations greater than SC in all three surface water samples include aluminum (SC = 190 ug/L), arsenic (SC = 1.38 ug/L), copper (SC = 9.4 ug/L), iron (SC = 1,790 ug/L), lead (SC = 3.2 ug/L), mercury (SC = 0.05 ug/L), and zinc (122 ug/L). Detected constituent concentrations ranged from 763 ug/L to 10, 400 ug/L aluminum; 1.99 ug/L to 20.3 ug/L arsenic; 24 ug/L to 86.23 ug/L copper; 6,220 ug/L to 39,800 ug/L iron; 21.3 ug/L to 127 ug/L lead; 0.66 ug/L to 4.62 ug/L mercury; and 177 ug/L to 391 ug/L zinc. In sample SW-2, four additional metals, cadmium (5.15 ug/L), chromium (10.7 ug/L), cobalt (58 ug/L),), and manganese (2,440 ug/L) were also detected at concentrations greater than their respective SC of 0.28 ug/L, 10 ug/L, 11 ug/L, and 383 ug/L. =No other constituents detected in surface water samples exceeded the SC.

Sediment and surface water impacts in BSB areas south of the Picatinny Lake outlet were evaluated through the GPB and BSB FFS (IT 2001a) and resulting ROD GPB/BSB (USEPA 2004b).

In groundwater, the trichloroethene (TCE) was detected at a concentration greater than its SC (1 ug/L) at three sample locations, over multiple sampling events conducted between 1996 and 2008. In MW-1, TCE concentrations ranged from 1.7 to 7.4 ug/L. In MW-2, TCE concentrations ranged from 6.14 to 10 ug/L. In hydropunch sample HP-1, collected in 2000, TCE was 6.9 ug/L. Metals aluminum and iron were detected at concentrations greater than their respective SC of 200 ug/L and 300 ug/L in MW-2. In the groundwater sample collected in 1996, MW-2 concentrations of aluminum and iron were 6,300 ug/L and 2,750 ug/L, respectively. Aluminum was not analyzed again in this monitoring well; however, iron was analyzed again in 2003 and was detected at a concentration greater than the SC (340 ug/L). Manganese was detected in 1996 in MW-1 at 72.5 ug/L, which is greater than the SC = 50 ug/L. No other constituents were detected in groundwater samples at concentrations greater than SC. Groundwater in Area H is being addressed as part of the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.10.4 Summary of Risk Assessments

3.10.4.1 Human Health

An HHRA was completed in 2005 for Site 64 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the

need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 64 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial/Research Worker: carcinogenic risk number of 1E-04/ noncarcinogenic HI of <1.

- Future Construction/Excavation Worker: carcinogenic risk number of 8E-07/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.10.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.10.4.3 Ecological

Because of the forested area behind Site 64, the site was evaluated, along with adjacent Site 131, for terrestrial species. Surface water and sediment samples were evaluated as part of BSB. A soil bioassay was conducted on soil that had elevated PAH, arsenic, and beryllium concentrations. The percentage of survival in the organisms was not significantly different than the laboratory control and reference samples. Thus, the levels of chemicals in the soil samples most likely present minimal risk to populations of terrestrial species.

3.10.4.4 Summary of Risks

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk range is less than or within the generally acceptable risk range of 1E-06 and 1E-04;

- The noncarcinogenic hazard is < 1;

- Lead is not a concern at this site as it is not a COPC; and

- Ecological risks are a minimal risk to populations of terrestrial species.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.11 PICA-091/Site 98 - Building 268, Mine Assembly Facility

3.11.1 Site History

PICA-091 (125)/Site 98 consists of former Building 268, which was constructed in 1941 as a loading, assembly, and pack-out facility where munitions were produced. Building 268 sits at the southern corner of Reilly Road and Eighth Street at the southern-central boundary of Area H. In 1969, Building 268 was decontaminated in accordance with an Arsenal-wide cleanup initiative and converted to a pilot-scale research and development facility. During the 1995 Phase II RI, the building was inactive and scheduled for demolition, and the building was demolished under the Toxic and Energetic Cleanup Program (TECUP) in the late 1990s (Shaw 2005c). The specific type and quantity of wastes generated during operations at Building 268 is mostly unknown except for the documented use of phosphorus (a component of mines) and Freon 113 (a solvent degreaser). The fact that explosives operations took place in Building 268 indicates that materials used and/or derivative wastes likely include scrap explosives, solvent contaminated rags (primarily acetone), and explosives contaminated wastewater. Waste streams other than wastewater in Area H were generally drummed and disposed of at the PTA Burning Ground. The transformers on the transformer pad northwest of Building 268 were removed in the 1990s as part of a facility-wide transformer removal action.

There are currently no plans for future construction at PICA-091 (125)/Site 98.

The layout of Site 98 is shown on Figure 3-21.

3.11.2 Previous Investigations

The two environmental investigations conducted at Site 98 were the 1990 ARDEC investigation and the 1995 Phase II RI (Shaw 2005c). The 1990 ARDEC investigation

included the collection of soil samples and analysis of VOCs, SVOCs, and metals. The 1995 Phase II RI included the collection of ten surface soil, six subsurface soil, two sediment, and two groundwater samples for on-site analyses for VOCs, SVOCs, explosives, pesticides, PCBs, and TPH. Off-site analyses were only conducted on four surface soil samples, two sediment, two surface water, and two groundwater samples.

3.11.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-22 shows the location and concentrations where one or more constituent exceeded an SC.

There were no SC exceedances for any constituents in surface or subsurface soil.

SVOCs were detected in concentrations slightly greater than the SC in sediment sample H-98-SD-001including: fluoranthene, phenanthrene, and pyrene. The source of the SVOCs is unknown, but may be related to drainage from washdown activities at upgradient Site 132 or runoff from the adjacent road. These compounds were not detected in other samples collected at Site 98 at concentrations greater than their SC. Lead was detected at concentrations greater than the SC = 38.8 mg/kg in both sediment samples. Sample H-98-SD-001 contained lead at a concentration of 57.7 mg/kg, and sample H-98-SD-002 contained lead at a concentration of 241 mg/kg. Sample H-98-SD-001 also contained mercury at a concentration of 0.47 mg/kg, which is greater than the SC = 0.249 mg/kg. Sample H-98-SD-002 contained copper at a concentration of 40.4 mg/kg, which is greater than the SC = 28 mg/kg, and strontium at a concentration of 66 J mg/kg, which is greater than the SC of= 16 mg/kg. In general, sediment and surface water impacts in BSB and Bear Swamp areas south of the Picatinny Lake outlet were evaluated through the GPB and BSB FFS (IT 2001a) and resulting ROD GPB/BSB (USEPA 2004b).

Groundwater samples included with this site are actually not directly on the site, but are collected from wells located to the south of the Site, across Reilly Road. The constituents historically observed at these wells with concentrations greater than their respective SC were predominantly naturally occurring metals including: aluminum (SC = 200 ug/L), arsenic (SC = 3 ug/L), iron (SC = 300 ug/L), and manganese (SC = 50 ug/L). Lead was also historically observed at concentrations in excess of the SC (5 ug/L). The most recent round of sampling (1999) indicates that the following parameters exceeded SC in well H-MWG-3B include: aluminum (850 J ug/L), iron (3300 J ug/L), and manganese (460 ug/L). Similarly, constituents detected most

recently (1999) at concentrations in excess their respective SC at well H-MWG-3A include: aluminum (2000 ug/L), iron (3300 J ug/L), and manganese (91 ug/L). Arsenic and lead were not detected in concentrations exceeding the SC in most recent samples from either well. Groundwater in Area H was evaluated and addressed through the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.11.4 Summary of Risk Assessments

3.11.4.1 Human Health

An HHRA was completed in 2005 for Site 98 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 98 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 1E-05/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.11.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.11.4.3 Ecological

The terrestrial environment at Site 98 was evaluated, along with adjacent Site 178 (Former Building 269), during the Phase II ERA. The sediment samples were treated as surface soil samples because the marsh is ephemeral. EEQs for the COPECs detected in the samples collected from Site 98 and 178 suggest there is little potential risk to small mammals, vermivorous birds and predatory birds from soil exposure at the sites. EEQs for the COPECs were less than 1 with the exception of arsenic in the white-footed mouse.

3.11.4.4 Summary of Risks

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk range is within the range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are a minimal.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.12 PICA-091/Site 100 - Building 276, Explosives Loading Facility

3.12.1 Site History

PICA-091 (126)/Site 100 is located in the eastern portion of Area H and consists of Building 276 and associated transformer pad TR-276. The layout of Site 100 is shown in Figure 3-23. Building 276 was constructed in 1902 and was used as a powder storage magazine from 1902 until 1922. The three-story building had a steel frame, a concrete slab foundation, and seven operation areas. Around 1922, the building was converted to a shell-loading plant. Inert rockets, M-91 fuses, and bombs were loaded in the building at various times. JB-2 propellant powder was also used here for a short period of time around 1947. Building 276 was one of the major facilities used in the production of explosives during WWI and WWII. Because explosives-related operations took place at this location, materials used and/or wastes generated are likely to include scrap explosives, waste solvents and solvent-containing rags, and

wastewaters containing explosives. Waste streams other than wastewater in Area H were generally drummed and disposed of at the PTA Burning Ground.

Unauthorized dumping of waste materials, including storage tanks, test chambers, and rocket components have occurred in and around the location of former Building 276 in the past. In addition, excavated soil impacted with explosives from the wastewater conveyance trough system at Building 225 was staged in this area.

The building was decontaminated and demolished in accordance with TECUP in the late 1980s. The former Building 276 slab was used as a staging area for soil piles from sanitary sewer excavations and for metal plates used in ammunition testing. A roof was added in 2003 to protect stored materials such as wooden boards, aluminum pipes, and generators.

The pad-mounted transformer TR-276 was located south of former Building 276. The transformer was removed in the 1990s as part of a facility-wide transformer removal action.

There are currently no plans for future construction at PICA-091 (126)/Site 100.

3.12.2 Previous Investigations

Three environmental investigations were conducted at PICA-091 (126)/Site 100, including an internal investigation in July 1986, the 1995 Phase II RI, and the 2000 Additional Phase II RI (Shaw 2005c).

Soil samples were collected in July 1986 as part of an internal investigation around the transformer pad in the Building 276 area. A total of six surface soil samples were collected analyzed for PCBs.

The Phase II RI was conducted between May 1995 and November 1996. This RI included a geophysical (EM61) survey, the installation of two monitoring wells, excavation of two test pits, and the collection of 12 surface soil, 21 subsurface, two sediment, and two groundwater samples. During the investigation, both on-site and off-site laboratory analyses were performed on the samples collected. Off-site analysis included VOCs, SVOCs, explosives, metals, anions, pesticides, PCBs, and TPH.

The 2000 Additional Phase II RI included installation of one new monitoring well and the collection of six surface soil samples, one subsurface soil sample, and one groundwater sample.

3.12.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-24 shows the location and concentrations where one or more constituent exceeded an SC.

The results of the July 1986 internal investigation reportedly indicated that surface soil around the TR-276 transformer pad was impacted with PCBs ranging from 14 to 105 ppm. During the Phase II Round 1 investigation, however, four soil samples (H-100-SS-1A to -1D) were collected around transformer pad TR-276, and no constituents exceeded the SC in these surface soil samples.

In other surface soils, benzo(a)pyrene was detected in sample H-100-MW-001 at a concentration of 0.63 mg/kg, which is just slightly greater than the SC = 0.2 mg/kg. Five PAHs, including benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2-c,d)pyrene were detected at concentrations greater than their respective SC (0.2 mg/kg to 2 mg/kg) in two of four surface soil samples (H-100-SS-007 and H-100-SS-008) collected just south of TR-276, with PAH concentrations ranging from 0.79 mg/kg to 7.8 mg/kg. PCBs were identified above the SC in one surface soil sample collected near the former soil waste pile area. Surface soil sample H-100-SB-2A contained 10 mg/kg of Aroclor 1260. The SC for PCBs in soil is 1 mg/kg. In order to delineate the horizontal extent of surface PCB impacts, three surface soil samples (H-100-SS-3, H-100-SS-5, and H-100-SS-6) were collected within a 10-foot radius of boring H-100-SB-2 during the Round 2 investigation and analyzed for PCBs. PCBs exceeded the SC (1 mg/kg) in three samples with concentrations ranged from 1.4 mg/kg to 8 mg/kg.

The only constituent in subsurface soil samples that exceeded SC was benzo(a)pyrene (SC = 0.2 mg/kg) at sample location H-100-SB-4 (5 to 7 ft bgs) with a concentration of 0.98 mg/kg. The EM61 preliminary electromagnetic survey indicated a large anomalous zone near the waste pile staging area (at the northwestern portion of former Building 276). Two test pits, H-100-TP-001 and HP-100-TP-2 were completed in and to the south of the former waste pile staging area, respectively. Test pit H-100-TP-001 contained various pieces of metallic construction debris, while no man-made materials

were observed in test pit H-100-TP-002. No metals were detected at concentrations greater than SC in soil samples collected from the test pits (Shaw 2005c).

In sediment, the PAHs fluoranthene (SC = 0.06423 mg/kg), phenanthrene (SC = 0.0419 mg/kg), and pyrene (SC = 0.053 mg/kg) were detected in sediment samples H-100-SD-001 and H-100-SD-002, which were collected from the swampy area to the northwest of the waste pile staging area, at concentrations greater than the SC. Mercury (SC = 0.249 mg/kg) was also detected in both sediment samples at concentrations slightly greater than the SC. Copper (SC = 28 mg/kg) was detected at a concentration of 34.7 mg/kg in sediment sample H-100-SD-001, and lead (SC = 38.8 mg/kg) and strontium (SC of= 16 mg/kg) were detected at concentrations of 65.5 mg/kg and 73 J mg/kg, respectively, in sediment sample H-100-SD-002. No other constituents were detected at concentrations that exceeded SC.

In groundwater, two naturally occurring metals (iron and manganese) were detected in monitoring well H-100-MW-001 (located to the west of former Building 276) at concentrations greater than their respective SC. No other constituents were detected in groundwater samples at concentrations greater than SC. Groundwater in Area H was evaluated and addressed as part of the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.12.4 Summary of Risk Assessments

3.12.4.1 Human Health

An HHRA was completed in 2005 for Site 100 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 100 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial/Research Worker: carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1.

- Future Construction/Excavation Worker: carcinogenic risk number of 8E-07/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.12.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.12.4.3 Ecological

Since the majority of Site 100 has been relatively inactive since the 1950s, the site has reverted to its natural condition, contiguous with a forested area. The terrestrial environment was evaluated in the Phase II ERA and the sediment samples were evaluated as part of Bear Swamp. Based upon a combination of EEQs and frequency of detection, the primary constituents contributing to potential risk in Bear Swamp appear to be pesticides and mercury. Only mercury was detected in the Site 100 samples. One aspect that is important for risk management is that surface water at some of the sample locations in Bear Swamp is intermittent in nature (such as at Site 100), and thus may not support benthic life year-round. As a result, persistent populations of benthic receptors are not expected in many of these areas, so the actual risks to benthic receptors may be less than the predicted risks. EEQs for the COPECs detected in soil samples collected at Site 100 during the Round 1 field investigation suggest there is little potential risk to small mammals, vermivorous birds, and predatory birds from soil exposure at the site. EEQs for all COPECs were less than 1 with the exception of arsenic, which is a naturally occurring metal, (4.55) in the white-footed mouse.

3.12.4.4 Summary of Risk Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are a minimal.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.13 PICA-091/Site 127 – Building 230, Melting Casting Operation

3.13.1 Site History

PICA-091 (127)/Site 127 is located on Phipps Road southwest of its intersection with Fifth Avenue (Figure 3-25). Buildings 230 and 230F are the primary structures within the site boundaries. Building 230 was constructed in 1918 as a melt and pour facility. Operations at Building 230 involved melting explosives in steel tilt kettles and pouring the molten liquid into shells, mortar, and molds. The building was last reported as active. According to PTA personnel, melt and pour operations at Building 230 generated the following waste streams: explosives contaminated wastewater, scrap explosive wastes (i.e., TNT, HMX, RDX, Composition B, octol), and small quantities of solvents (primarily acetone). Wastes were generally stored in drums and staged on concrete flooring. All waste materials, except the explosives-contaminated wastewater, are sent to the PTA Burning Ground for disposal. Explosives-contaminated wastewater was discharged to Building 225 via the trough conveyance system. Periodically, the wastewater trough was used as a temporary waste collection point. The practice of discharging wash-down water directly to the ground ceased in 1988.

Two 37.5-KVA pad-mounted transformers (TR-230) were located southeast of Building 230. According to the PTA transformer database, one of the transformers contained Aroclor-1260 at a concentration of 77 ppm. Both transformers were removed in the 1990s as part of a facility-wide transformer removal action.

There are currently plans for future construction at PICA-091 (127)/Site 127. The construction includes an Explosive Machining and Prototyping Facility near the northwest corner of Building 230 F.

3.13.2 Previous Investigations

The 1991 ARDEC Discharge Investigation indicated that contact contaminated wastewater (equipment wash-down) was collected in floor troughs and discharged to

the holding tank in Building 225. Other wastewater (steam condensate) discharged to the ground.

A mercury-filled manometer in Building 230-G ruptured in September 1991, resulting in extensive soil contamination in and around Building 230-G and 230. Seven roll-off containers of contaminated soil were removed from Site 127 and confirmatory samples were collected as part of an internal investigation of the incident (ICFKE 1994).

The initial Phase II Round I RI sampling activities at Site 127 were conducted between November 1995 and October 1996. The Phase II Round I RI sampling program for Site 127 included installation of 1 monitoring well and collection of one groundwater sample, 17 surface soil samples, and 17 subsurface soil samples. During the Round I field investigation, on-site analysis was also performed on all surface soil and subsurface soil samples. These samples were analyzed on-site for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPH.

Follow-up investigations (Round 2) were conducted between November and December 2000 based on the results of the above sampling and regulatory comments and included collection of one subsurface soil and three surface soil samples.

3.13.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-26 shows the location and concentrations where one or more constituent exceeded an SC.

There were no SC exceedances for VOCs, SVOCs, explosives, pesticides, or PCBs in surface soil samples. There were SC exceedances for generally naturally occurring metals in surface soils, primarily arsenic. Arsenic was detected above the SC (19 mg/kg) in three locations: H-127-SS-005A (22.70 mg/kg), H-127-SS-002A (38 mg/kg), and H-127-SS-003C (19.6 mg/kg). Manganese was detected above the SC (5,900 mg/kg) in one location: H-127-SS-003C (6,120 mg/kg).

There were no SC exceedances for VOCs, SVOCs, explosives, pesticides, PCBs, or metals in subsurface soil samples. There were no SC exceedances for VOCs, pesticides, or PCBs in groundwater samples. One SVOC, bis (2-ethylhexyl)phthalate (7.90 ug/L), exceeded the SC (3 ug/L) at location H-127-MW-001. Similarly, one slight SC exceedance for lead (5 ug/L) was observed at H-127-MW-001 with a concentration of 5.43 ug/L.

3.13.4 Summary of Risk Assessments

3.13.4.1 Human Health

An HHRA was completed in 2005 for Site 127 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 127 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industry/Research Worker: carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

- Future Construction/Excavation Worker: carcinogenic risk number of 3E-07/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.13.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.13.4.3 Ecological

No ERA was conducted for Site 127 because most site samples were collected in mowed areas surrounded by buildings and pavement. Little cover is available. As a result, food chain effects are unlikely.

3.13.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;

- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are unlikely due to minimal ground cover.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use

3.14 PICA-091/Site 128 – Buildings235/236, Explosives Pressing Plant

3.14.1 Site history

PICA-091(128)/Site 128 consists of two buildings: Building 235 and Building 236. Building 235 was an explosives production facility, and Building 236 was an explosives pressing facility. The location of these buildings is shown on Figure 3-27.

3.14.1.1 Site 128, Building 235

Building 235 was constructed in 1918 as an explosives production facility. Production activities at Building 235 involved powder mixing (mercury fulminate, lead azide, and propellant), unit density measurement, and pack-out (explosive unit stenciling and packing) activities. Explosive melt-cast operations are also known to have occurred here. According to PTA personnel, Building 235 has been inactive since the mid-1970s. The unit density equipment used at Building 235 was a gamma ray densitometer that contained cobalt pellets. The cobalt was a shielded or contained source. The densitometer was removed from the building in 1974 and no associated contamination was reported. Transformer TR-235 was formerly located east of Building 235.

According to available information, materials used, and/or derivative wastes generated at Building 235 included scrap explosive wastes, solvent contaminated rags, and explosives-contaminated wastewater. All waste materials, other than the explosives-contaminated wastewater, were generally drummed and disposed of at the PTA Burning Ground. Wastewater from explosive-production operations at Building 235 was

discharged via a trough to a 90-gallon stainless-steel baffled safety box located on the south side of the building. The safety box discharged to a small tributary that flows into BSB.

3.14.1.2 Site 128, Building 236

Building 236 is a 3,000 ft^2 structure, which was constructed in 1959 as an explosives pressing facility. The building was decontaminated in 1969 for its present use as a pressing facility for pilot-scale research and development efforts. Explosives-pressing operations involve hydraulic and isostatic pressing of powdered and molten explosives into bullets.

Wastes generated at Building 236 include: scrap explosives, cleaning solvents (primarily acetone), and explosives contaminated wastewater from process and wash down activities. Small quantities of hydraulic oil from the press machines may also have been generated at Building 236. Wastewater from operations at Building 236 is currently drummed and manifested for off-site disposal, but was historically discharged directly to BSB. The remaining waste streams generated at Building 236 were typically sent to the PTA Burning Ground for disposal.

There are currently plans for future construction at PICA-091 (128)/Site 128, west of the small building in the southern portion of the Site.

3.14.2 Previous Investigations

The majority of historical samples were collected from the area near Building 236.

3.14.2.1 Site 128, Building 235

The 1991 ARDEC Discharge Investigation determined that process wastewater collected in the floor trough was discharged to BSB between Buildings 235 and 232-C. Sanitary wastewater from the lavatory facilities was discharged to the sanitary sewer system. Other wastewater was discharged via a floor trough conveyance system to BSB. Non-contact wastewater (process and radiator steam condensate) was discharged to the ground and nearby swamp.

In preparation of the removal of a densitometer, wipe samples were collected. Two radiation surveys were conducted around Building 235 near two cobalt-60 sources.

3.14.2.2 Site 128, Building 236

The 1991 ARDEC Discharge Investigation indicated that process wastewater was drummed and manifested for off-site disposal. However, the explosive-contaminated wastewater could flow into the basement and discharge to the swamp, south of the building. Other wastewater (condensate and deluge water) was discharged to the storm sewer and eventually to the swamp located south of Building 236.

Phase II Round I RI sampling activities at Site 128 were conducted between June 1995 and October 1996. The Phase II Round I RI included a radiological survey, installation of four monitoring wells, and collection of 26 surface soil, 28 subsurface soil, and 4 groundwater samples. During the Round I field investigation, on-site analyses were performed on all surface soil and subsurface soil samples, however, these data are not discussed herein. These samples were analyzed on-site for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPH.

Follow-up investigations (Round 2) were conducted between November and December 2000 based on the results of the above sampling and regulatory comments. This RI included the collection of five surface soil, one subsurface soil, and two groundwater samples.

3.14.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-28 shows the location and concentrations where one or more constituent exceeded an SC.

In surface soil samples, one SVOC constituent, benzo(a)pyrene was detected at a concentration greater than the SC(0.2 mg/kg) at H-128-MW-002 (1.10 mg/kg). The only other parameter to exceed SC in surface soil samples is arsenic (SC = 19 mg/kg) at the following locations: H-128-SS-014 (33.6 D mg/kg); H-128-MW-002 (23.80 mg/kg); H-128-SS-002C (24 mg/kg); H-128-SS-003A (26.7 mg/kg); H-128-SS-007A (76 mg/kg); H-128-SS-008A (23.2 mg/kg); and H-128-SS-009A (51 mg/kg). No other constituents in soil were detected at concentrations greater than the SC.

In sediments, one sample location (H-SDBG-31) contained five pesticide constituents in concentrations greater than their respective SC: 4,4-DDD, USAEC LH17 at 0.53N53 mg/kg (SC = 0.00354 mg/kg), 4,4-DDE, USAEC LH17 at 0.01N01 mg/kg (SC = 0.00142 mg/kg), 4,4-DDT, USAEC LH17 at 0.04N04 mg/kg (SC = 0.00119 mg/kg),

Aldrin, USAEC LH17 at 0.16JN16J mg/kg (SC = 0.002 mg/kg), and endosulfan sulfate, USAEC LH17 at 0.40N40 mg/kg (SC = 0.0003 mg/kg). This sample location also contained concentrations of one PCB, Aroclor 1254 (SC = 0.06 mg/kg), and three SVOCs, fluoranthene (SC = 0.06423 mg/kg), phenanthrene (SC = 0.0419 mg/kg), and pyrene (SC = 0.053 mg/kg), which exceeded SC. The respective concentrations in sample H-SDBG-31 were: 0.95N95 mg/kg, 0.29 mg/kg, 0.18 mg/kg, and 0.42 mg/kg. This sample location also had concentrations of copper (SC = 28 mg/kg), lead (SC = 38.8 mg/kg), and zinc (SC = 171 mg/kg) that exceeded SC: 59.7 mg/kg, 94.7 mg/kg, and 197 mg/kg, respectively. No other constituents were detected in sediment samples in concentrations that exceeded SC.

In surface water samples, the pesticide alpha-BHC, was detected at a concentration that exceeded its SC of 0.0026 ug/L. The exceedance occurred at sample location H-SWBG-31, where the concentration of alpha-BHC was 0.02 ug/L.

Sediment and surface water impacts in BSB areas south of the Picatinny Lake outlet were evaluated through the GPB and BSB FFS (IT 2001a) and resulting ROD GPB/BSB (USEPA 2004b).

In groundwater, samples from three wells contained concentrations of constituents that exceeded SC: H-128-MW-001, H-128-MW-003, and H-128-MW-004. Concentrations of aluminum (SC = 200 ug/L) and manganese (SC = 50 ug/L) in groundwater, both of which are naturally occurring metals, exceeded SC in all three wells with concentrations ranging from 368 to 621 ug/L for aluminum and 72.8 to 104 ug/L for manganese. The 1996 groundwater sample from well H-128-MW-003 contained 16.5 ug/L lead (SC = 5 ug/L), but the most recent sample (2000) contained 6.9 ug/L lead. In well H-128-MW-004, the lead concentration in the 1996 groundwater sample was 8.06 ug/L, but in the 2000 sample was not detected. The only other constituent identified in groundwater samples from Site 128 was radium-226 (SC = 5 pCi/L) in well H-128-MW-003 at a concentration of 11.60 pCi/L; however, none of the overlying soil samples in this area contained concentrations of radium-226 that exceeded SC. Radiological constituents were not included in the list of analytes in 2000. Groundwater at this site is addressed under the Mid-Valley Groundwater action.

3.14.4 Summary of Risk Assessments

3.14.4.1 Human Health

An HHRA was completed in 2005 for Site 128 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 128 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industry/Research Worker: carcinogenic risk number of 5E-05/ noncarcinogenic HI of <1.

- Future Construction/Excavation Worker: carcinogenic risk number of 1E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.14.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.14.4.3 Ecological

Since Building 235 is surrounded by a potentially sensitive area and tributary to BSB, Site 128 was evaluated in the Phase II ERA. EEQs for sediment in the Site 128 tributary ranged from 1.0 for nickel to 133 for mercury. Based upon a combination of EEQ and frequency of detection, the primary constituent contributing to potential ecological risk in the Site 128 tributary is mercury.

One site-specific aspect that is important for risk management is that the surface water at some of the sample locations in the Site 128 tributary are intermittent in nature and thus may not support benthic life year-round. As a result, persistent populations of benthic receptors are not expected in some of the Site 128 tributary sampling locations, so the actual risks to benthic receptors may be less than the predicted risks.

EEQs for the COPECs detected in soil samples at Site 128 were less than 1 for all chemicals, with the exception of arsenic (11.8) in the white-footed mouse. Arsenic is a naturally occurring metal at Picatinny. Thus, the levels of chemicals in the surface soil samples most likely present minimal risk to populations of terrestrial receptors.

3.14.4.4 Summary of risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is <1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are minimal to terrestrial receptors due to low levels of chemicals in the surface soil samples. Based on the intermittent nature of the on-site tributary risks to benthic organisms may be over-estimated.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.15 PICA-091/Site 129 -Building 240, Change House

3.15.1 Site History

PICA-091/Site 129 consists of Building 240 (Figure 3-29). This building was constructed in 1942 as a change house and has a concrete foundation, steel frame, and a below-grade basement. In 1972, it was converted to its current use as an administrative office.

Change house equipment included laundry, lavatory, and shower facilities, which probably supported operations in Building 241 (demilling and explosives disassembly),

as well as other nearby production buildings. Because personnel working in the production facilities used the change house, wastewater from washing operations may have been contaminated with explosives and, to a lesser degree, cleaning solvents such as acetone. Water was discharged to a drain and ultimately to BSB.

There are currently no plans for future construction at PICA-091/Site 129.

3.15.2 Previous Investigations

No previous studies were conducted prior to the Phase II RI at Building 240. Phase II RI sampling activities at Site 129 were conducted between December 1995 and October 1996. The Phase II RI included the installation of one monitoring well and the collection of one groundwater sample, four surface soil samples, and ten subsurface soil samples. Off-site analysis was performed for TCL SVOCs, TAL metals, anions, and explosives. On-site analysis was also performed on all surface soil and subsurface soil samples. These samples were analyzed on-site for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPH.

3.15.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-30 shows the location and concentrations where one or more constituent exceeded an SC.

The only current SC exceedance for any parameter in any matrix was a TCE exceedance in groundwater of 2.73 ug/L (SC = 1 ug/L) at H-129-MW-001. This exceedance was detected by the on-site laboratory. There were no detections of TCE in soils in the area, indicating that the source is no on-site source. Groundwater at this site is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.15.4 Summary of Risk Assessments

3.15.4.1 Human Health

An HHRA was completed in 2005 for Site 129 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for

remedial action. The results of the HHRA calculations for carcinogenic risk at Site 129 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 8E-06/ noncarcinogenic HI of <1.
- Current Excavation Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.15.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.15.4.3 Ecological

Due to the small size and urban nature of the site, Site 129 was not evaluated in the Phase II ERA.

3.15.4.4 Summary or Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is <1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are minimal due to the sites' small size and urban nature.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated, this site cannot be released for unrestricted use.

3.16 PICA-091/Site 130 – Building 252, Powder Press/ Pelleting

3.16.1 Site History

PICA-091/Site 130 encompasses Building 252 (Figure 3-31). This building was constructed in 1918 as an explosives pressing facility and was used until the 1990s for this purpose. Explosives-pressing operations involved forming pellets, fuses, and projectiles. Wastes generated at Building 252 included scrap explosives, waste solvents, and wastewater from operating bays, fire deluge, emergency showers, eyewash stations, and floor washdown activities. Wastes other than wastewater were typically sent to the PTA Burning Ground. Wastewater was stored in holding tanks and sent to Building 809 for treatment. In the past, however, all wastewater was discharged via a floor trough conveyance system to holding tanks, was filtered, and then discharged to BSB.

Three 37.5-KVA pad-mounted transformers (TR-252) were located on the east side of Building 252 across Sixth Avenue. According to the PTA transformer database, all three transformers leaked and were in poor condition. However, none of the transformers were contaminated with PCBs. The transformers were removed in the 1990s as part of a facility-wide transformer removal action.

Building 252 contains a UST that was connected to a wet vacuum system which collected particulates from the work station area. According to PTA personnel, the UST was closed in place around 1990. As part of closure activities, the tank was cleaned and then filled with gravel.

There are currently no plans for future construction at PICA-091/Site 130.

3.16.2 Previous Investigations

The 1991 ARDEC Discharge Investigation determined that process wastewater (floor washdown, spills, sink water, deluge) was collected in a floor trough and conveyed to a holding tank in the building. From here, the wastewater was trucked to Building 809 for treatment. Roof runoff, steam condensate, and deluge water from the east side of the building was discharged directly to the ground and to BSB.

Soil samples were collected as part of an UST closure in 1990. No additional actions were required by NJDEP. PTA personnel indicated that several other site investigations have been conducted in and around the building, including an environmental assessment conducted in 1994. It was reported that these investigations did not identify contamination; however, the specific sample locations and results are not available.

Round 1 of Phase II RI sampling was conducted between March 1996 and October 1996. It included the installation of three monitoring wells and the collection of one groundwater, seven surface soil, and nineteen subsurface soil samples. On-site analysis was performed on all surface soil and subsurface soil samples. These samples were analyzed on-site for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPH.

Follow-up investigations (Round 2) were conducted in December 2000 based on the results of the above sampling and regulatory comments, and included the collection of one groundwater sample. This sample was analyzed for TCL VOCs.

3.16.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-32 shows the location and concentrations where one or more constituent exceeded an SC.

There were no SC exceedances in surface soil for VOCs, SVOCs, explosives, pesticides, or PCBs. There was one SC exceedance for arsenic (SC = 19 mg/kg) at H-130-MW-003 with a concentration of 30 mg/kg. There were no SC exceedances in subsurface soil for any contaminant analyzed.

One groundwater SC exceedance was noted at well H-130-MW-001: tetrachloroethene (PCE) was detected at a concentration of 1.6 ug/L (SC = 1 ug/L). This well was re-sampled in 2000 in conjunction with the Round 2 investigation, and no constituents were detected above SC in this round of sampling. PCE was not detected in the other groundwater samples from Site 130 nor was it detected in soil samples collected from the site. Therefore, there is no indication that PCE or other VOCs have impacted groundwater at this site. Three metals were detected in groundwater with concentrations greater than SC during the Round 1 (1996) investigation in well H-130-MW-003 including: iron at 319 ug/L (SC = 300 ug/L), lead at 8.17 ug/L (SC = 5 ug/L), and manganese at 92 ug/L (SC = 50 ug/L). Iron and manganese are naturally

occurring metals. There were no other constituents that exceeded SC. Groundwater at this site is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

Soil samples collected as part of the UST closure in 1990 indicated the presence of TNT (15 ppm) along the building's northern wall. The 1994 environmental assessment found that the building area was not contaminated.

Arsenic was detected above the 20mg/kg in the surface soil sample collected from monitoring well boring 130MW-3. The arsenic concentration in 130MW-3A was 30 mg/kg. Arsenic was not detected above SC in subsurface soil samples collected from this boring or the groundwater sample collected from the well. The relative immobility of arsenic is evidenced at Site 130 by the absence of elevated levels of arsenic in the subsurface soil samples and groundwater samples. Based on the analytical results from Site 130 during the Phase II RI, no areas of concern have been identified at the site.

3.16.4 Human Health

An HHRA was completed in 2005 for Site 130 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 130 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.16.4.1 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.16.4.2 Ecological

Site 130 is dominated by Building 252, gravel, and pavement. There is limited quality habitat; thus, the site was not evaluated in the Phase II ERA.

3.16.4.3 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is <1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are minimal due to building, gravel, and pavement cover.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use

3.17 PICA-091/Site 132, Building 271, Explosives Pressing and Loading Building

3.17.1 Site History

PICA-091(132)/Site 132 includes seven former buildings: Building 271, an explosives press loading facility, and Buildings 271-I through 271-N: lead azide primer, dry house, and general ordnance facilities (Figure 3-33). All Buildings related to 271 have been demolished as part of the TECUP program in the 1990s.

Site 132 Building 271, Explosives Pressing and Loading Building

Building 271 was a one-story, rectangular structure with brick walls and a slate gabled roof. The building was constructed in 1905 as a primer explosive pressing and loading

facility. Operations at Building 271 involved the use of pneumatic presses to press explosive primers (i.e., lead azide, tetryl, RDX, and HMX) into loading cups. A portion of Building 271 was also used as a magazine for in-process munitions. Explosives operations were conducted at buildings throughout Site 132 from the early 1940s until 1973.

Materials were brought into the building from satellite buildings on an as-needed basis. Wastes generated were typically off-specification explosives and explosives-contaminated wastewater from floor wash down activities. The off-specification explosive wastes were drummed and stored in “chimney barricades” (two-door lockers). The wastes were transported to Building 271-I daily, and eventually to the PTA Burning Ground for disposal.

Three 15-KVA pad-mounted transformers (TR-271) were located on the north side of Building 271. No information was available on when the transformers were removed; however, it was most likely sometime after explosives operations ceased at Building 271.

Site 132, Building 271-I, Lead Azide Primer Building

Building 271-I was a one-story, rectangular structure with a concrete foundation, hollow tile walls, two double-loading doors, a screened porch on four sides, and a corrugated asbestos roof. The building was constructed in 1941 as a lead azide primer building supporting explosives production operations at Building 271.

Materials used at Building 271-I included: alcohols, cleaning solvents (primarily acetone), acids, and various lead azides. The building also stored red-canned waste materials generated at surrounding Buildings 271 and 271-J through 271-M, prior to its disposal at the PTA Burning Ground. An undated waste storage inventory indicated that the following materials were stored at Building 271-I: absolute alcohol, ammonium hydroxide, antimony sulfide, barium nitrate, barium peroxide, ceric ammonium nitrate, gasoline, lead dioxide, manganese dioxide, and PB thiocyanate E sulfate. These materials were either burned or manifested for off-site disposal. Explosives-contaminated wastewater from floor wash down activities, if any, was likely discharged directly onto the ground outside the doors since Building 271-I did not have a wastewater conveyance system.

Site 132, Building 271-J, Dry House

Building 271-J was a one-story, rectangular structure with a concrete foundation, wood frame, and corrugated asbestos siding. The building was constructed in 1941 as a dry house for delay and pyrotechnic compositions in support of explosives production operations at Building 271. Materials used at Building 271-J included: lead azide, lead styphenate (a component used in the production of explosives from 1938 to 1973), pentaerythritol tetranitrate (PETN), tetrazene, tetryl, mercury, and acetone. Wastewater generated at Building 271-J, if any, from floor wash down activities was likely discharged onto the ground outside the doors since the building did not have wastewater troughs.

Site 132, Building 271-K, Heater House

Building 271-K was a one-story, rectangular structure with a concrete foundation, hollow tile walls, and a corrugated iron roof. The building was constructed in 1941 as a heater house.

Site 132, Building 271-L, Dry House

Building 271-L was a one-story structure with a concrete foundation, hollow tile walls, and a corrugated asbestos roof. Building 271-L was constructed in 1941 as a dry house for lead azide primers used in explosives manufacturing at Building 271. According to file documentation, Building 271-L may also have been used to dry lead styphenate, PETN, tetrazene, and tetryl. In addition, mercury and small quantities of solvents (primarily acetone) may have been used at the building. Wastewater from floor wash down activities at Building 271-L, if any, was likely discharged onto the ground outside the doors since the building had no wastewater collection system. Any other waste materials, if any, were generally red-canned, transported to Building 271-I, and disposed of at the PTA Burning Ground.

Site 132, Building 271-M, Dry House

Building 271-M was a one-story, rectangular structure with a concrete foundation, hollow tile walls, and a corrugated roof. The building was constructed sometime in the 1940s as a dry house for the processing of initiating powders. Materials used at Building 271-M are not specifically known, but probably included lead styphenate, PETN, tetrazene, tetryl, mercury, and acetone. Waste streams, other than wastewater were generally red-canned and transported to Building 271-I prior to disposal at the PTA Burning Ground. Explosives contaminated wastewater from floor wash down

activities likely discharged directly to the ground outside the doors since Building 271-M was not equipped with wastewater collection troughs.

Site 132, Building 271-N, Dry House

No information was available regarding the construction date of Building 271-N. The building was used for drying lead styphenate from 1938 to 1973. Materials other than lead styphenate used in Building 271-N were not specifically documented, but the explosives production operations in nearby buildings at Site 132 used alcohols, cleaning solvents (primarily acetone), acids, and various lead azides. It is likely that these materials were also used at Building 271-N. Any waste streams generated at Building 271-N, other than wastewater, were generally red-canned, transported to Building 271-I, and disposed of at the PTA Burning Ground. Wastewater generated at the building from any floor washdown activities was probably discharged onto the ground outside the doors since Building 271-N did not have a wastewater collection system.

There are currently no plans for future construction at PICA-091 (132)/Site 132.

3.17.2 Previous Investigations

In 1988, 99 samples were analyzed from containers of unknown chemicals stored in Building 271-I. The wastes were generally analyzed for metals, PCBs, pH, and reactivity, sensitivity, and ignitability. The inventory indicated that the volume of waste stored varied, and the wastes were properly containerized. The wastes were eventually either burned or manifested for off-site disposition (ICFKE 1994).

The Phase II RI Round One was conducted at Site 132 between November 1995 and October 1996. This RI included the installation of two monitoring wells and the collection of 40 surface soil, 45 subsurface soil, one sediment, and two groundwater samples. Off-site analysis was completed on all matrices for the following contaminants: TCL VOCs, TCL SVOCs, TAL metals, anions, and explosives. On-site analysis was also performed on all surface soil, subsurface soil, and sediment samples. These samples were analyzed on-site for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPH.

During the follow-up investigations (Round Two) conducted between November 2000 and June 2001, 10 surface soil and 10 groundwater samples were collected.

3.17.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-34 shows the location and concentrations where one or more constituent exceeded an SC.

In surface soils, there was one SVOC exceedance of benzo(a)pyrene (SC = 0.2 mg/kg) in both H-132-SS-022 (0.24 J mg/kg) and H-132-SS-022dup (0.50 mg/kg). There were several samples throughout Site 132 containing SC exceedances of arsenic with most being slight exceedances of the SC(19 mg/kg), however, the maximum arsenic concentration in surface soil was 200 mg/kg at sample H-132-SS-002C. The arsenic contamination is believed to be associated with arsenical pesticides which may have been used at the site to control insect populations. Manganese was also detected at a concentration slightly greater than its SC (5,900 mg/kg) at H-132-SS-025 with a concentration of 5,950 mg/kg. There were no other SC exceedances in surface soils.

In subsurface soils, the only metals that exceeded SC were arsenic (SC = 19 mg/kg) at H-132-MW-001 at a concentration of 21 mg/kg and manganese (SC = 5,900 mg/kg) at H-132-MW-002 with a concentration of 6,100 mg/kg. No other constituents were detected in subsurface soil at concentrations greater than the SC.

There was one SC exceedance in the sediment sample collected from Site 132. Strontium (SC = 16 mg/kg) was detected at a concentration of 17.9 J mg/kg and H-132-SD-001.

In groundwater, one explosive, RDX, exceeded the SC (222 ug/L) at H-132-MW-002 with a maximum concentration of 17.60 ug/L. RDX concentrations in overlying soils are less than SC, indicating that there is not a continuing source area at the Site. Several metals exceeded SC at several locations. Concentrations of manganese (SC = 50 ug/L) were detected at concentrations greater than the SC in six samples. Concentrations ranged from 152 ug/L at H-132-MW-001 to 43,200 ug/L at H-132-HP-003. Lead exceeded the SC (5 ug/L) at H-132-MW-001 (18.10 ug/L) and H-132-MW-002 (5.75 ug/L). Cadmium and cobalt exceeded the current SC (4 ug/L and 100 ug/L, respectively) at H-132-MW-002 with concentrations of 4.06 ug/L and 280 ug/L, respectively.

Groundwater at this site is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.17.4 Summary of Risk Assessments

3.17.4.1 Human Health

An HHRA was completed in 2005 for Site 132 receptors in the Phase II RI Report. The carcinogenic risk for the reasonably anticipated future use of industrial/research worker was reassessed in 2009 and updated to include currently accepted parameters detailed in Appendix C. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 132 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial/Research Worker: carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

- Future Construction Worker: carcinogenic risk number of 1E-06/ noncarcinogenic HI of 1.

No additional human health risks were calculated for hypothetical use scenarios.

3.17.4.2 Lead Blood Model Results

The current reasonably anticipated future scenarios were reevaluated at this site to reflect the current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 122 mg/kg is less than the calculated PRG of 1,092 mg/kg.

- Current Construction/Excavation Worker (subsurface soil): Lead not selected as COPC in this medium.

3.17.4.3 Ecological

TECUP operations at this large site (3.6 acres) have removed all cover and provided only marginal habitat for terrestrial species. However, Site 132 was evaluated in the Phase II ERA because it is surrounded by forested areas and may revert to a more natural state. EEQs for the COPECs detected in soil samples collected at Site 132 suggest that there is little potential risk to small mammals, vermivorous birds and predatory birds from soil exposure at the site. EEQs for all COPECs were less than 1 with the exception of arsenic (22.9), which is a naturally occurring metal, in the white-footed mouse. Results of the food chain modeling using analytical data from the soil samples indicate minimal risk to populations of terrestrial receptors.

3.17.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as it is not a selected COPC in subsurface soil; and
- Ecological risks pose a minimal risk to small mammals, vermivorous birds and predatory birds from soil exposure.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.18 PICA-108/Site 90 –Building 329, Electromagnetic Gun Test Shed

3.18.1 Site History

PICA-108 (138)/Site 90 is located approximately 0.1 mile from the southern end of Picatinny Lake and includes Building 329 and six associated pad-mounted transformers. The layout of Site 90 is shown on Figure 3-35. The building was constructed in 1903 as a storage magazine, but was used in the production of explosives during WWI and WWII. Building 329 is reportedly used as an electromagnetic gun test range. Wastes typically generated at Building 329 include ethyl alcohol, oily rags, and used motor oil. Solvents and used oil generated during various historical cleaning and maintenance operations were formerly stored in two hazardous waste storage sheds located on the east side of Building 329. The storage sheds were decontaminated and closed in 1990.

In 1963, there was a production-related explosion at Building 329 that injured one person. The explosion appeared to have no environmental impact (Shaw 2005c). There were also several non-reportable quantity spills of oil in Building 329 between 1988 and 1989. According to Picatinny personnel, any oil-impacted soils were removed and properly disposed.

Three 50-KVA and three 100-KVA pad-mounted transformers were located on the east side of Building 329. According to the Picatinny transformer database, the three 50-KVA transformers had Aroclor 1260 concentrations of 183, 324, and 376 ppm. The database indicated that the three 100-KVA transformers did not contain PCBs. All six transformers were replaced with electrical boxes in the 1990s as part of a facility-wide transformer replacement/removal action. A 2,000-KVA pad-mounted transformer was located west of Building 329.

The Picatinny Master Plan (short range) includes Project 65305 for the construction of an additional building adjacent to Building 329, making use of its existing 2.5 million volt power supply to house an “RF High Voltage Weapon Propagation Tunnel.”

3.18.2 Previous Investigations

Two environmental investigations were conducted at Site 90, including RCRA closure activities conducted in 1991. The Phase II RI was conducted from March through October 1996 and May and June 2003.

RCRA closure activities included decontamination of the detached sheds located east of Building 329, which were used to store solvents and used oil, and the collection of closure verification samples. Surface soil samples were collected around the perimeter of the shed as part of the closure activities. The analytical results indicated the presence of some closure parameters (VOCs and metals) above method detection limits. However, documentation from NJDEP dated December 1992 asserts that the closure areas did not require further action (Shaw 2005c).

The initial Phase II RI included installation of one groundwater monitoring well and the collection of 16 surface soil samples, 19 subsurface soil samples, one sediment sample, and one groundwater sample. During the follow-up investigation, an additional groundwater monitoring well was installed, and four surface soil, two subsurface soil, three sediment, and three groundwater samples were collected. Five of the surface soil samples (I-90-SS-001A, I-90-SS-002A, I-90-SS-003C, I-90MW-001A, and I-90-SB-001A), three of the sub-surface soil samples (I-90MW-001B, I-90-SB-001B, and I-90-SB-001C), one sediment sample (I-90-SD-001), and one groundwater sample (I-90MW-001) were collected for analysis of VOCs, SVOCs, metals, anions, fuel compounds, and explosives. The sediment sample I-90-SD-001 was also analyzed for TOC, and the groundwater sample I-90MW-001 was analyzed for pesticides. Two surface soil samples (I-90-SS-004A and I-90-SS-005A) were collected and analyzed for PCBs. Two hydropunch groundwater samples collected from I-90-HP-001 were analyzed for VOCs, SVOCs, and metals. Groundwater sample I-90MW-002, surface soil sample I-90-SS-006A, and subsurface soil samples I-90-SB-002B and I-90-SB-002C were analyzed for metals. Surface soil samples I-90-SS-007A, -008A, and -009A were analyzed for SVOCs, and sediment samples I-90-SD-001B, -002A, and -003A were analyzed for SVOCs and metals. The remaining samples were analyzed onsite only and are not discussed herein.

3.18.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-36 shows the location and concentrations where one or more constituent exceeded an SC.

In surface soils, the PAH benzo(a)pyrene was detected at concentrations greater than the SC (0.2 mg/kg) in soil samples I-90-SS-008 (3.7 D mg/kg) and I-90-SS-007 (0.22 J mg/kg), which were collected north and northwest, respectively, of TR-329A. Surface soil sample I-90-SS-008 also contained three other PAHs, benz(a)anthracene (4.4 mg/kg), benzo(b)fluoranthene (4.7 mg/kg), and dibenz(a,h)anthracene (0.63 mg/kg) at

concentrations greater than their respective SC of 2, 2, and 0.2 mg/kg. Lead was detected in surface soil sample I-90-SS-001A, which was collected in the loading dock area of Building 329, at a concentration of 1,100 mg/kg, which exceeds the SC (800 mg/kg). Arsenic was detected in surface soil sample I-90-SB-001, which was collected to the south of TR-329, at a concentration of 22.4 mg/kg, which is greater than the SC (19 mg/kg). Surface soil sample I-90-SS-005A, which was collected adjacent to TR-329A, contained 2.5 mg/kg of Aroclor 1254, which is greater than the SC (1 mg/kg).

No subsurface soil samples contained concentrations of constituents that exceeded SC.

The four sediment samples were collected in the marsh associated with GPB located southeast of Building 329. Eleven SVOCs and five metals were reported at concentrations above SC in the sediment samples. The SVOC concentrations, which exceeded SC, were limited to samples I-90-SD-001 and I-90-SD -003: acenaphthene (SC = 0.00671 mg/kg) in I-90-SD-001 only at 2 mg/kg; anthracene (SC = 0.03162 mg/kg) in I-90-SD-001 only at 4 mg/kg; benz(a)anthracene (SC = 0.0317 mg/kg) in I-90-SD-001 at 5 mg/kg and I-90-SD-003 at 0.07J mg/kg; benzo(a) pyrene (SC = 0.0319 mg/kg) in I-90-SD-003 only at 0.09J mg/kg; benzo(b)fluoranthene (SC = 0.0272 m/kg) in I-90-SD-003 only at 0.15J mg/kg; benzo(k)fluoranthene (SC = 0.0272 mg/kg) in I-90-SD-001 only at 5 mg/kg; chrysene (SC = 0.0571 mg/kg) in I-90-SD-001 and I-90-SD -003 at 6 mg/kg and 0.11J mg/kg, respectively; fluoranthene (SC = 0.06423 mg/kg) in I-90-SD-001 and I-90-SD -003 at 10 mg/kg and 0.15J mg/kg, respectively; fluorene (SC = 0.0212 mg/kg) in I-90-SD-001 at 2 mg/kg; phenanthrene (SC = 0.0419 mg/kg) in I-90-SD-001 at 10 mg/kg; and pyrene (SC = 0.053 mg/kg) in I-90-SD-001 and I-90-SD -003 at 10 mg/kg and 0.17 mg/kg, respectively. Arsenic exceeded the SC (16 mg/kg) in samples I-90-SD-001,-002, and -003 with respective concentrations of 17.4J mg/kg, 16.7J mg/kg, and 17.5 mg/kg. Mercury was also detected in concentrations greater than the SC (0.249 mg/kg) in these three samples with respective concentrations of 0.48 mg/kg, 0.33J mg/kg, and 0.60J mg/kg. The remaining concentrations of metals that exceeded SC were identified in sample I-90-SD-001: copper (SC = 28 mg/kg) 60.3 mg/kg; lead (SC = 38.8 mg/kg) 147.0 mg/kg, strontium (SC = 16 mg/kg) 30 mg/kg, and zinc (SC = 171 mg/kg) 396 mg/kg.

Sediment and surface water impacts in BSB areas south of the Picatinny Lake outlet were evaluated through the GPB and BSB FFS (IT 2001a) and resulting ROD GPB/BSB (USEPA 2004b).

In groundwater samples, one SVOC, bis(2-ethylhexyl)phthalate, was detected in I-90-HP-001 at a concentration of 100 ug/L, which exceeds the SC (3 ug/L); however, this compound was not detected at a concentration greater than the SC in the permanent monitoring well installed directly adjacent to the original sample (I-90MW-002). Several naturally occurring metals were detected in groundwater. Manganese was detected in both monitoring wells and the hydropunch well at concentrations ranging from 410 ug/L to 1,400 ug/L, which are greater than the SC (50 ug/L). Aluminum (SC = 200 ug/L) and Iron (SC = 300 ug/L) were detected at concentrations greater than their SC in the I-90-HP-001 and I-90MW-002. As is typical, concentrations of both metals were significantly greater in the I-90-HP-001 (93,600 ug/L of aluminum and 80,000 ug/L of iron) than in I-90MW-002 (1,500 ug/L of aluminum and 4,600 ug/L of iron). Also detected at concentrations greater than SC in I-90-HP-001 were arsenic (25 ug/L, SC = 3 ug/L), beryllium (1.8 J ug/L, SC = 1 ug/L), chromium (110 ug/L, SC = 70 ug/L), and lead (120 ug/L, SC = 5 ug/L). Lead was also detected in several groundwater samples from surrounding sites, at concentrations slightly greater than the SC.

3.18.4 Summary of Risk Assessments

3.18.4.1 Human Health

An HHRA was completed in 2005 for Site 90 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 90 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker: carcinogenic risk number of 6E-05/ noncarcinogenic HI of <1.

- Future Industrial Worker: carcinogenic risk number of 1E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.18.4.2 Lead Blood Model Results

The current reasonably anticipated future scenarios were reevaluated at this site to reflect the current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 246 mg/kg is less than the calculated PRG of 1,092 mg/kg.

- Current Construction/Excavation Worker (subsurface soil): Lead not selected as COPC in this medium.

3.18.4.3 Ecological

Site 90 was not evaluated in the Phase II ERA because it is predominately covered by Building 329 and pavement. The grassy area in the front of the building is regularly mowed. In addition, the soil samples were collected in areas with little or no habitat quality (i.e., beneath the loading dock, adjacent to transformer pads and along railroad tracks).

3.18.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;

- The noncarcinogenic hazard is less than 1;

- Lead is not a concern at this site as it is less than the PRG;

- Ecological risks are expected to be minimal.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.19 PICA-108/Site 111 –Buildings 454 & 455 Propellant Bag Filing Area

3.19.1 Site History

PICA-108 (104)/Site 111 includes Buildings 454 and 455 and encompasses an area of approximately three acres within Area F. The location of Site 111 is shown on Figure 3-37. Building 454 is a two-story steel-framed structure constructed in 1930 and modernized in 1941 when the second floor, catwalks, and platforms were installed. The building was used for filling dyed cloth bags with black powder. In 1970, the bag filling operation was mechanized with black powder conveyors and automated bag weighing machines. In addition, an automatic bag loading pilot line was installed. According to interviews with Picatinny personnel, bags sometimes fell to the floor during the filling operation causing black powder to be spilled onto the floor. The floor was reportedly swept up after each shift (Shaw 2005e). Building 455 is a one-story structure with a concrete foundation, hollow tile walls, and a gable roof. The building was constructed in 1930, and contained sewing machines where workers sewed silk and cotton bags for use in propellant loading operations at Buildings 454 and 462.

The Picatinny Master Plan includes the construction of a Packaging, Handling, Shipping and Transportation facility at the northern portion of Site 111. The area slated for this facility includes the area adjacent to the north and western sides of Building 455. The project is identified in the short term plan as PN65425 and consists of the building for the facility, as well as an outdoor test area which will accommodate Navy personnel and mission being realigned from Earle, NJ. The Master Plan indicates that the building is at the corner of Babbitt and Whittmore Roads and that land use controls will be recommended for contaminated soils in the vicinity.

3.19.2 Previous Investigations

As part of the Phase I RI (Dames and Moore 1998), eight surface soil samples (F-SS111-1 through F-SS111-8) were collected and analyzed for VOCs, SVOCs, explosives, metals, and cyanide. Two of the surface soil samples (F-SS111-5 and F-SS111-8) were also analyzed for pesticides and PCBs.

The Phase I 2A/3A RI Sampling Program (Shaw 2005e) was conducted from August 2000 through June 2001. During this RI, nine surface soil samples (F-111-SS-9B, F-111-SS-10A through -15A, F-111-SS-16B, and F-111-SS-17A) and one subsurface soil sample (F-111-SB-1A) were collected and analyzed for PAHs.

3.19.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-38 shows the location and concentrations where one or more constituent exceeded an SC.

In surface soils, five PAHs were identified in concentrations that exceeded the SC including: benz(a)anthracene (SC = 2 mg/kg), benzo(a)pyrene (SC = 0.2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg), dibenz(a,h)anthracene (SC = 0.2 mg/kg), and indeno(1,2,3-c,d)pyrene (SC = 2 mg/kg). The maximum concentrations for each of these parameters were located at one sample location: F-111-SS-014 with respective concentrations of: 26 mg/kg, 24 mg/kg, 30 mg/kg, 3.4 J mg/kg, and 15 mg/kg. The other sample locations containing PAH exceedances include: F-SS111-6, F-111-SB-001, F-111-SS-009, F-111-SS-010A, F-111-SS-012, F-111-SS-013, F-111-SS-015, F-111-SS-016, F-111-SS-017, and F-SS111-1. Arsenic (SC = 19 mg/kg) was detected in surface soil sample F-SS111-1 at a concentration of 21.5 mg/kg. Dieldrin (SC = 0.2 mg/kg) was detected in surface soil sample F-SS111-5 at a concentration of 0.94 mg/kg. No other constituents were detected in surface soils in concentrations greater than the SC.

Benzo(a)pyrene was the only PAH detected at a concentration greater than the SC in subsurface soil in sample F-111-SB-001 (0.82 mg/kg).

Groundwater samples collected from monitoring wells F-MWF-2A and F-MWF-2B between 1994 and 2008 contained concentrations of TCE and PCE greater than the SC, both of which are 1 ug/L. Concentrations of PCE ranged from non-detect to 1.3 ug/L, and concentrations of TCE ranged from 1.93 ug/L to 7.4 ug/L. Naturally occurring manganese (in filtered and non-filtered samples) was detected at concentrations greater than the SC (50 ug/L) in both monitoring wells, at concentrations ranging from 107 ug/L to 904 ug/L. Naturally occurring aluminum and iron (filtered and non-filtered) were also detected in F-MWF-2A at concentrations greater than their respective SC (200 ug/L and 300 ug/L). Lead (SC = 5 ug/L) was detected in F-MWF-2A in two samples at concentrations of 6.87 ug/L and 6 ug/L. Dieldrin (SC = 0.03 ug/L) was detected in one 1994 sample of F-MWF-2A at a concentration of 0.04 ug/L.

Groundwater in Area F is addressed through the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.19.4 Summary of Risk Assessments

3.19.4.1 Human Health

An HHRA was completed in 2005 for Site 111 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 111 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial/Research Worker: carcinogenic risk number of 5E-05/ noncarcinogenic HI of <1.
- Future Maintenance Worker: carcinogenic risk number of 4E-06/ noncarcinogenic HI of <1.
- Future Construction Worker: carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.19.4.2 Lead Blood Model Results

The current reasonably anticipated future scenarios were reevaluated at this site to reflect the current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 182 mg/kg is less than the calculated PRG of 1,092 mg/kg.

- Current Construction/Excavation Worker (total soil): No concern - average lead concentration of 182 mg/kg is less than the calculated PRG of 1,092 mg/kg.

3.19.4.3 Ecological

No ERA was performed at Site 111. The majority of the area is paved, and railroad tracks run in front of Building 454 and behind Building 455. The site is located within a high human use, highly-industrialized part of PTA. Thus, very little suitable habitat exists for most species and ecological exposures are expected to be minimal.

3.19.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as the average concentration is less than the PRG; and
- Ecological risks are expected to be minimal.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.20 PICA-108 /Site 137 – Building 382, Administration Building

3.20.1 Site History

PICA-108 (147)/Site 137 is located northwest of GPB and southeast of Picatinny Lake in the southwestern corners of Area I, and includes Building 382 and three associated pad-mounted transformers (TR-382). Site 137 is approximately 1.0 acre in size. The

location of Site 137 is shown on Figure 3-39. Building 382 was constructed in 1942 as a general-purpose administration building and is still used for that purpose.

Three 37.5-KVA transformers were located near the northeast corner of Building 382. According to the Picatinny transformer database, all three transformers were in poor condition, but did not contain PCBs. These transformers were replaced with new transformers in the late 1990s as part of a facility-wide transformer replacement/removal action.

There are currently no plans for future construction at PICA-108 (147)/Site 137.

3.20.2 Previous Investigations

Initial Phase II RI sampling activities at Site 137 were conducted between May 1995 and November 1996. This sampling program consisted of a geophysical survey, installation of two monitoring wells (I-137-MW-001 and I-137-MW-002) and three test pits (I-137-TP-001, -002, and -003), and collection of nine surface soil, eighteen subsurface soil, and two groundwater samples. Follow-up investigations were conducted between May and June 2001 and included collection of nine surface soil and nine subsurface soil samples. Three surface soil samples (I-137- MW-001A, I-137-MW-002A, and I-137-SB-001A), two subsurface soil samples (I-137-MW-001B and I-137-MW-002B), and two groundwater samples were collected for off-site analyses for VOCs, SVOCs, metals, anions, and explosives. One surface soil sample, I-137-SS-001A, was collected for off-site analysis of PCBs. Surface and subsurface soil samples collected from the test pits were collected for off-site analysis of metals. Follow-up surface and subsurface soil samples I-137-SS-004A through -006A and -009A, I-137-SB-002A through -005A, I-137-SB-002C, I-137-SB-003B/C, I-137-SB-004B/C, and I-137-SB-005B/C were collected for off-site analysis of arsenic. Follow-up surface soil sample I-137-SS-003A and subsurface soil sample I-137-SS-002C were collected for off-site analysis of SVOCs. The remaining soil samples were analyzed onsite; on-site sample analytical data are not discussed herein.

3.20.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-40 shows the location and concentrations where one or more constituent exceeded an SC.

Only one SVOC, benzo(a)pyrene, was detected in surface soil samples at a concentration greater than the SC (0.2 mg/kg). The concentration of benzo(a)pyrene at location I-137-SB-001 was 1 mg/kg. Arsenic (SC = 19 mg/kg) was the only other constituent detected in surface soil samples in concentrations greater than the SC ranging from 20.9 mg/kg to 110 mg/kg at locations: I-137-MW-001, I-137-MW-002, I-137-SB-001, I-137-SB-003, I-137-SB-004, and I-137-SS-006.

In subsurface soils, five SVOCs, benz(a)anthracene (SC = 2 mg/kg), benzo(a)pyrene (SC = 0.2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg), dibenz(a,h)anthracene (SC = 0.2 mg/kg), and indeno(1,2-c,d)pyrene (SC = 2 mg/kg), were detected at concentrations greater than their respective SC. All the subsurface soil SC exceedances occurred in subsurface soil sample I-137-SS-002 with respective concentrations of: 9.6 mg/kg, 9.4 mg/kg, 12 mg/kg, 1.3 mg/kg, and 4.5 mg/kg. Arsenic was detected at concentrations greater than the SC (19 mg/kg) in subsurface soil samples I-137-TP-003, I-137-SB-003, and I-137-SB-004 with concentrations ranging from 32.1 mg/kg to 210 mg/kg. No other constituents were detected in subsurface soils at concentrations greater than the SC.

In groundwater, TCE (SC =1 ug/L) was detected in monitoring well I-137-MW-002 at a concentration of 1.9 ug/L. TCE was not detected at a concentration greater than the SC in groundwater samples from closely surrounding sites. Lead (SC = 5 ug/L) was detected in monitoring well I-137-MW-001 at a concentration slightly greater than the SC (5.99 ug/L). Lead was also detected in several groundwater samples from surrounding sites, at concentrations slightly greater than the SC. Three naturally occurring metals, aluminum (SC = 200 ug/L), iron (SC = 300 ug/L), and manganese(SC = 50 ug/L), were detected in groundwater from well I-137-MW-001 at concentrations greater than their SC with concentrations of 5430 ug/L, 15,700 ug/L, and 3010 ug/L, respectively. No other constituents were detected in groundwater samples at concentrations greater than SC.

3.20.4 Summary of Risk Assessments

3.20.4.1 Human Health

An HHRA was completed in 2005 for Site 137 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for

remedial action. The results of the HHRA calculations for carcinogenic risk at Site 137 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker: carcinogenic risk number of 6E-05/ noncarcinogenic HI of <1.
- Future Construction Worker: carcinogenic risk number of 1E-05/ noncarcinogenic HI of 1.

No additional human health risks were calculated for hypothetical use scenarios.

3.20.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.20.4.3 Ecological

Since Building 382 dominates this 1.0 acre site, ecological habitat is limited to the mowed areas with scattered trees. Thus, no ERA was conducted due to the urban nature of the site.

3.20.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 and 1E-04;
- The noncarcinogenic hazard is less than or equal to 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are expected to be minimal due to limited habitat.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.21 PICA-108/Site 139 –Building 424, Propellant Processing Plant

3.21.1 Site History

PICA-108/Site 139 includes Building 424 and is located 1,000 ft southwest of Picatinny Lake. The layout of Site 139 is shown on Figure 3-41. Building 424 was constructed in 1903 as a high explosives plant. In 1940, an addition to the building was constructed to house wooden neutralization and acid tanks.

As a high-explosives plant, operations at Building 424 involved the use of a nitrocellulose based slurry. After production of explosives ceased, all production equipment was removed except for the neutralization and acid tanks. The building was then used as a grains-dimensioning laboratory and as a storage facility. Recently, Building 424 was used for nitration and testing of combustible cartridge cases. The building is inactive and was scheduled for demolition along with Buildings 424C and 424D in 2003.

According to a 1964 DEH engineering drawing (DP141463), a sump located inside Building 424 was used for the collection of overflow production water. The sump discharged to the marsh area southwest of the building via an open trough and a small outfall ditch.

The ANL RI Concept Plan indicated that a pipeline at Building 424 broke sometime in the 1950s and spilled a slurry of single-base propellant and nitrocellulose. The ANL report also indicated that spill control pits were constructed at Building 424 to divert the flow of washdown water away from the building toward the southeast. The exact location of the pits was not available.

The ditch located to the south of Building 424 is associated with the open trench portion of the Guncotton Line (Site 16), which received liquid waste containing nitrocellulose.

There are currently no plans for future construction at PICA-108/Site 139.

3.21.2 Previous Investigations

The 1993-1994 Phase I RI included seven surface soil samples, two subsurface soil samples, two surface water samples, two sediment samples, and four groundwater samples. All samples were analyzed for VOCs, SVOCs, explosives, and metals plus cyanide. Two surface soil samples, one subsurface sample, and one surface water and sediment sample were also analyzed for pesticides and PCBs.

During the Phase II RI, eight sediment samples were collected from the drainage ditch of Building 424.

Field activities for the Phase I 2A/3A were conducted at Site 139 between September 2000 and February 2002. The sampling program included installation of one monitoring well and the collection of twenty surface soil, three subsurface soil, six surface water, one groundwater, and fourteen sediment samples. In 2004, an oil-water separator and the concrete pad it sat on were removed from outside Building 424, just south of the eastern corner of the building. Soils in the area were excavated to a depth of 4 ft bgs until post-excavation confirmation samples showed the impacted area had been successfully removed. Approximately five cubic yards of soil were removed from the excavation.

The Facility-Wide Lead Removal Investigation activities took place between June and September 2004. As part of this investigation, the neutralization tank was drained of approximately 1,759 gallons of water, which were sampled and analyzed for disposal characterization and disposed as non-hazardous waste. The neutralization tank was then removed, and approximately 89 cubic yards of lead containing soil was excavated from the area of the tank, to a depth of 5 ft bgs. Lead and select SVOCs were detected at concentrations exceeding SC in initial post-excavation samples. An additional foot of soil was excavated from the north and west sidewalls, as well as the excavation bottom. Lead and SVOCs were not detected at concentrations greater than SC in post excavation samples collected after the additional soil removal. The excavated soil was staged at the former location of Building 1033 until it could be disposed of offsite, and the excavation was backfilled with clean soil.

3.21.3 Nature and Extent of Contamination

The analytical data available in the Picatinny data base are included in Appendix A. Sample locations where the SC are exceeded in soil and groundwater are shown on

Figure 3-42. Sample locations where the SC are exceeded in surface water and sediment are shown on Figure 3-43.

In surface soils, four SVOCs, benz(a)anthracene (SC = 2 mg/kg), benzo(a)pyrene (SC = 0.2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg) and dibenz(a,h)anthracene (SC = 0.2 mg/kg), were detected in at least one surface soil sample at concentrations greater than SC. The maximum concentration of benz(a)anthracene, 2.9 mg/kg, was detected at location F-SS139-4. The maximum concentration of benzo(a)pyrene, 0.93 mg/kg, was detected at location F-139-SS-012. The maximum concentrations of benzo(b)fluoranthene and dibenz(a,h)anthracene, 2.9 mg/kg and 1.3 mg/kg, respectively, were detected at location F-SS139-4. The explosive 2, 4-DNT (SC = 4.2) was detected in one surface soil sample: 4.84 mg/kg at F-SS139-6. In addition, 14 D mg/kg Aroclor 1260 was detected in sample F-SS139-6, and 8.2 D mg/kg 4, 4'-DDT (SC = 8 mg/kg) and 16 D mg/kg Aroclor 1260 (SC = 1 mg/kg) were detected in the duplicate from sample location F-SS139-6. These three constituents were not detected at concentrations greater than SC in any other soil samples at Site 139. One pesticide, dieldrin, USAEC LH17 (SC = 0.2 mg/kg), was detected at a concentration of 0.87 mg/kg at sample location F-SS139-1, however, dieledrin USAEC LM 25 was not detected at the same sample location. Mercury (SC = 65 mg/kg) was also detected only at this sample location, at a concentration of 70 D mg/kg. Lead (SC = 800 mg/kg) was detected at concentrations greater than its SC in six surface soil samples. The maximum concentration was 24,000 D mg/kg at sample location F-SS139-4 (collected in 1993); however, additional soil samples were collected in August 2000 at and around this location to confirm and further delineate lead concentrations in this area. Lead concentrations in the August 2000 samples were significantly less than the maximum concentration. Based on the August 2000 samples, it appears that the reported result for F-SS139-4 was an anomaly and that it is unlikely that lead is present at the concentration reported for F-SS139-4. In the other five surface soil samples with concentrations of lead greater than the SC, the maximum concentration was 2,010 D mg/kg, at sample location F-139-SS-018. No other constituents were detected in concentrations that exceeded SC in surface soils.

In subsurface soils, mercury was detected at a concentration greater than its SC (65 mg/kg) in one location: F-139-SB-002 at a depth of 2.5-3 ft bgs with a concentration of 175 JD mg/kg. One subsurface soil sample detected lead at a concentration that exceeded the SC at location F-139-SB-002, 2.5-3 ft bgs (1290 J mg/kg). There were no other constituents detected in subsurface soils at concentrations greater than SC.

For sediments at Site 139, four samples had concentrations of at least one SVOC greater than the SC. Maximum concentrations of 4.9 mg/kg benz(a)anthracene (SC = 0.0317 mg/kg), 6.6 mg/kg benzo(b)fluoranthene (SC =0.0272 mg/kg), 3.1 mg/kg benzo(k)fluoranthene (SC =0.0272 mg/kg), 15 mg/kg di-n-butylphthalate (SC = 11 mg/kg), 5 mg/kg fluoranthene (SC = 0.06423 mg/kg), 0.76 mg/kg fluorene (SC =0.0212 mg/kg), 3.3 mg/kg phenanthrene (SC =0.0419 mg/kg), and 5.5 mg/kg pyrene (SC = 0.053 mg/kg) were detected at location F-SD139-2. The maximum concentration of 0.41 J mg/kg benzo(a)pyrene (SC = 0.0319) was detected at location F-139-SD-009. Indeno(1,2,3-c,d)pyrene (SC = 0.078 mg/kg) was only detected above its SC in one sediment sample, F-139-SD-009, at a concentration of 0.29 J mg/kg. Chrysene was detected in four sediment samples at a concentration greater than its SC (0.0571 mg/kg), with a maximum at F-SD139-1 (6.6 mg/kg).

Two sediment samples contained concentrations of 2,4-DNT (SC = 4.2 mg/kg) that exceeded the SC: 260 D mg/kg at F-139-SD-004 and 320 D mg/kg at F-139-SD-005. Five pesticides, 4,4'-DDD (SC = 0.00354 mg/kg), 4,4'-DDE (SC = 0.00142 mg/kg), 4,4'-DDT (SC = 0.00119 mg/kg), Heptachlor epoxide (SC = 0.0006 mg/kg), and methoxychlor (SC = 0.006 mg/kg), were detected in at least one sediment sample at a concentration greater than the SC. Maximum concentrations of 11 D mg/kg 4,4'-DDD and 0.9 D mg/kg 4,4'-DDE were detected at F-139-SD-009; 0.32 JD mg/kg 4,4'-DDT and 0.01 JD mg/kg methoxychlor (duplicate sample) were detected at F-139-SD-012; and 0.81 N mg/kg heptachlor epoxide was detected at F-SD139-2.

Eleven predominantly naturally occurring metals were detected in sediment samples at concentrations greater than the SC. Maximum concentrations of 30.3 J mg/kg arsenic (SC = 16 mg/kg), 304 J mg/kg nickel (SC = 39.6 mg/kg), 11.9 J mg/kg silver (SC =1 mg/kg), and 1330 J mg/kg vanadium (SC = 1000 mg/kg) were detected at location F-139-SD-004. Maximum concentrations of 4.1 J mg/kg cadmium (SC = 1.7 mg/kg), 2260 J mg/kg copper (SC = 28 mg/kg), and 1140 J mg/kg zinc (SC =171 mg/kg) were detected at location F-139-SD-006. Lead was detected at thirteen sediment sample locations at concentrations greater than the SC (38.8 mg/kg); the maximum concentration was 1710 J mg/kg at location F-139-SD-008. The maximum concentration of chromium (SC = 37.3 mg/kg) was detected in a duplicate sample from F-139-SD-012 at a concentration of 266 J mg/kg. The maximum concentrations of 3.98 mg/kg beryllium (SC = 2 mg/kg) and 110 D mg/kg mercury (SC = 0.249 mg/kg) were detected at F-SD139-1. No other constituents exceeded SC in sediment samples.

In surface water samples, one SVOC was detected at one sample location with a concentration greater than its SC, 1.2 J ug/L pentachlorophenol (SC = 0.27 ug/L) at

location F-139-SW-008. Concentrations of three pesticides, 0.02 J ug/L 4,4'-DDD (SC = 0.00031 ug/L), 0.02 J ug/L 4,4'-DDE (SC = 0.00022 ug/L), and 0.01 J ug/L 4,4'-DDT (SC = 0.00022 ug/L), were detected at concentrations greater than the SC at sample location F-139-SW-010A. Maximum concentrations of 14,700 J ug/L aluminum (SC = 190 ug/L), and 7.4 ug/L selenium (SC = 5 ug/L) were also detected at this sample location. Maximum concentrations of 6.3 J ug/L antimony (SC = 5.6 ug/L), 23 ug/L arsenic (SC = 1.38 ug/L), 7.5 ug/L cadmium (SC = 0.28 ug/L), and 950 ug/L zinc (SC = 122 ug/L) were detected at sample location F-139-SW-008. Maximum concentrations of 40.1 ug/l chromium (SC = 10 ug/L), 35 ug/L cobalt (SC = 11 ug/L), 365 ug/L copper (SC = 9.4 ug/L), 40,200 ug/L iron (SC = 1790 ug/L), 2500 D ug/L lead (SC = 3.2 ug/L), 853 ug/L manganese (SC = 383 ug/L), 120 D ug/L mercury (SC = 0.05 ug/L), 295 ug/L nickel (SC = 52 ug/L), and 443 ug/L vanadium (SC = 37 ug/L) were detected at surface water sample location F-SW139-1. No other constituents were detected with concentrations greater than the SC in surface water.

In groundwater, two VOCs, 4.7 ug/L bromodichloromethane (SC = 1 ug/L) and 4.2 ug/L dibromochloromethane (SC = 1 ug/L), were detected from sample location F-139-MW-001. One SVOC, 4.5 J ug/L bis(2-ethylhexyl)phthalate (SC = 3 ug/L), and one inorganic, 56,800 ug/L sodium (SC = 50,000 ug/L), were also detected at this sample location.

Seventeen predominantly naturally occurring metals were detected in groundwater samples at Site 139. The maximum concentration of 130 D ug/L mercury (SC = 2 ug/L) was detected in samples from two locations: F-HP139-5 and F-HP139-1. The maximum concentration of 16.6 ug/L arsenic (SC = 3 ug/L) was also detected at F-HP139-1. Antimony (SC = 6 ug/L) at a concentration of 67.8 ug/L, cobalt (SC = 100 ug/L) at a concentration of 1,330 ug/L, and manganese (SC = 50 ug/L) at a concentration of 72,000 ug/L were detected in groundwater collected from location F-HP139-2. Maximum concentrations of 1,100,000 D ug/L aluminum (SC = 200 ug/L), 9,960 ug/L barium (SC = 2,000 ug/L), 59.8 ug/L beryllium (SC = 1 ug/L), 16.5 ug/L cadmium (SC = 4 ug/L), 1,500 D ug/L chromium (SC = 70 ug/L), 5,080 ug/L copper (SC = 1,300 ug/L), 3,400,000 D ug/L iron (SC = 300 ug/L), 21,000 D ug/L lead (SC = 5 ug/L), 1,880 ug/L nickel (SC = 100 ug/L), 2,790 ug/L vanadium (SC = 260 ug/L), and 6,780 ug/L zinc (SC = 2,000 ug/L) were all detected at groundwater sample location F-HP139-4. No other constituents were detected at concentrations greater than SC for groundwater samples collected for Site 139.

The constituents at Site 139 which are present at concentrations greater than SC have been evaluated and addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.21.4 Summary of Risk Assessments

3.21.4.1 Human Health

An HHRA was completed in 2005 for Site 139 receptors and provided previously in the Phase II RI Report and the Dames and Moore Phase I HHRA. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 139 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.

- Future Construction Worker: carcinogenic risk number of 6E-07/ noncarcinogenic HI of 3. However, while the total hazard index for all target endpoints or effects combined is 3, after segregating the estimated target indices for each compound by common target organ or effect in accordance with USEPA guidance (USEPA 1989), the hazard index for each target organ/effect is less than or equal to one, which indicates that adverse noncancer effects are not expected to occur. The HI for each target organ/effect is less than or equal to 1, which indicates that adverse noncancer effects are not expected.

Additionally, human health risks were calculated for hypothetical use scenarios not reasonably anticipated and are as follows:

- On-site Youth Visitor: carcinogenic risk of 2E-05/ noncarcinogenic HI of 1.

3.21.4.2 Lead Blood Model Results

The current reasonably anticipated future scenarios were reevaluated at this site to reflect the current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker (surface soil): No concern: average lead concentration of 835 mg/kg is less than the calculated PRG of 1,092 mg/kg.

- Current Construction/Excavation Worker (Total Soil): Average lead concentration of 1,397 mg/kg is greater than the calculated PRG of 1,092 mg/kg. However, this average concentration has not been recalculated subsequent to the resampling event in 2000, which was unable to reproduce the high lead concentrations originally observed. Risks to construction workers can be managed with health and safety equipment. This receptor is not considered to drive the remedy.

Current human health risks associated with lead exposures under not reasonably anticipated future use scenarios are:

- Current On-site Youth Visitor (sediment): No concern – average lead concentration of 821 mg/kg, less than PRG or 1,092 mg/kg.

3.21.4.3 Ecological

Site 139 is less than 0.4 acres. However, it was evaluated in the Phase III Baseline ERA (BERA) as part of the Area F investigation. As part of that investigation, potential risks associated with sediments and surface water at the site were evaluated through benthic community surveys and wildlife exposure modeling. Although the dose modeling suggested some potential risks to terrestrial species, no significant adverse effects on-site ecological communities were found, demonstrating that evaluation of sediment, soil, and surface water concentrations alone may not fully account for the site-specific bioavailability and ultimate toxicity of COPEC to receptors at the site. Based on the data collected, the overall weight of evidence indicated no significant effects on ecological populations.

Ecological risks are possible, although unlikely, at the site. Possible ecological risks do not appear to be unacceptable based on benthic community surveys and wildlife exposure modeling and thus, given the limited quality of the available habitat, remedial action is not necessary to address these potential ecological risks.

3.21.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the range of 1E-06 and 1E-04;

- The noncarcinogenic hazard is less than 1 for industrial use workers; less than or equal to 1 (by endpoint); and
- Lead is not a concern following removal actions at this site, and
- Ecological risks at the sites are expected to be minimal.

For hypothetical On-site Youth Visitor risk scenarios, risks are within the generally acceptable risk range of 1E-06 to 1E-04 and HI of 1. Additionally, lead is not a concern for the On-site Youth Visitor scenario.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.22 PICA-108/Site 140 –Buildings 427 and 427B, Propellant Processing Plant

3.22.1 Site History

PICA-108 (109)/Site 140 consists of Buildings 427 and 427B. The layout of Site 140 is shown on Figure 3-44. The two buildings are located in Area F. Building 427 was built in 1938 and is part of the 400-Area Experimental Pyrotechnics District. Until recently, Building 427 has served as a manufacturing plant for propellants. According to PTA personnel, materials used in the building included energetic materials and solvents.

The last reported use of Building 427 was for propellant research. Wastes associated with Building 427 activities are stored either in one of the two catch tanks in the building or on the building floor. PTA personnel reported that the catch tanks have been used since 1981. Generated wastes consist of 200 pounds per year (lb/yr) of rags; 55 gallons per year (gal/yr) of contaminated alcohol, acetone, ethyl acetate, or ether; 270 lb/yr of scrap propellant; and 60 lb/yr of excess propellant. An open drain surrounding Building 427 runs into two concrete-lined pits, located southwest of Building 427. Both pits are currently sediment-filled and the pipes that reportedly drained and discharged on the ground surface about 80 ft southwest of the building are no longer present. PTA personnel reported that the building was flushed with a great deal of water in the last few years (prior to 1998); therefore, the lined pit contains sediment that may be contaminated.

Building 427B has an area of 960 square ft and is located approximately 100 ft southeast of Building 427. Building 427B was erected in 1939 for use as a dry house. It is currently used as an explosives storage magazine. The interior of the building is divided into storage space and three rooms where HMX, RDX, and other types of smokeless powders were dried before being processed into propellants in Building 427. The floors are covered with a conductive material, and the doorways are sided with metal.

Building 427B had a wheel air compressor leak on June 25, 1992. This leak was cleaned up with a 5-gallon pail of peat moss. In addition, Building 427 discharges wastes from a laboratory sink and hood into the ground southwest of the building.

There are currently no plans for future construction at PICA-108 (109)/Site 140.

3.22.2 Previous Investigations

The RI consisted of a UXO survey and the collection of three surface soil and two sediment samples. The sediment samples were collected from the two concrete pits. All soil samples were collected from a depth of 0 to 1 ft bgs, using a hand auger. Each of the samples was then divided into two parts. Soil from 0 to 0.5 ft bgs was analyzed for BNAs, TAL metals, cyanide, and explosives. Soil from 0.5 to 1 ft bgs was analyzed for TCL VOCs. The top portion of sample SS140-2 was analyzed for pesticides/PCBs.

Two sumps near Site 140 - Building 427 were investigated by digging test trenches and analyzing soil samples in 2004. The conclusion of this sampling event was that the soil from the test trenches was returned to excavations and the Site was recommended for closure with no further action.

3.22.3 Nature and Extent of Contamination

Areas where SC are exceeded are shown on Figure 3-45. The data that are available in the Picatinny database are included in Appendix A.

In surface soil, 2,4-DNT (SC = 4.2 mg/kg) was the only constituent detected in concentrations greater than its SC in the sample from location F-SS140-2 with a concentration of 4.6 mg/kg (USAEC LM 25) and 22.4 mg/kg (USAEC LW23). In subsurface soil, arsenic (SC = 19 mg/kg) was detected at a concentration of 53 D mg/kg at location F-SB140-3 at a depth of 4-6 ft bgs. No other constituents were detected in subsurface soil samples.

3.22.4 Summary of Risk Assessments

3.22.4.1 Human Health

An HHRA was completed previously as part of the Phase I Risk Management Plan (2000). The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 140 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Outdoor Maintenance Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.
- Future Industrial/Research Worker: carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1.
- Future Construction/Excavation Worker: carcinogenic risk number of 7E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.22.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.22.4.3 Ecological

No ERA was performed for Site 140 ecological risks because of its limited ecological habitat.

3.22.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the range for the outdoor maintenance worker, industrial/research worker, and construction worker generally acceptable risk range of 1E-06 to 1E-04;

- The noncarcinogenic hazard is less than 1 for the outdoor maintenance, industrial/research and construction workers;

- Lead is not a concern at this site as it is not a COPC; and

- Ecological risks are not a concern because of its limited ecological habitat.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.23 PICA-108/Site 210 –Building 321, Former Storehouse\Currently Administration Offices

3.23.1 Site History

PICA-108/Site 210 consists of Building 321. The building is a one-story concrete and brick structure located in the Powder Production Area. This 1903 structure originally served as a storehouse for fuzed projectile “O.” The building was adapted for laboratory and machine shop use in the early 1960s, and converted to its present use as an administrative office in the early 1980s. The area around Building 321 is paved on the southeast side, with two abandoned railroad tracks running along the side of the building. The rail line closer to the building was most likely a loading and unloading area for the building because there is an old stone and concrete loading dock under the wooden porch on this side of the building. GPB is located approximately 300 ft east of the building through wooded wetlands.

There are currently no plans for future construction at PICA-108 (210)/Site 210.

The layout of PICA-108 (210)/Site 210 is shown on Figure 3-46.

3.23.2 Previous Investigations

Four environmental investigations were conducted at PICA-108 Site 210: Dames and Moore conducted a Preliminary Assessment in 1994, USACHPPM conducted a Relative Risk Site Evaluation (RRSE) in 1998, sewer excavation was carried out in 1998, and environmental sampling was conducted at Building 321 during the 2000 Phase I 2A/3A RI.

An exterior and interior survey of Building 321 was conducted in October 1994. The porch floor boards near one of the former loading docks on the west side of the building were stained, and the origin of the staining was most likely the result of spills occurring near the door area. Two surface soil samples were collected under the 20 ft long by 6 ft wide oil stain on the porch along the northwest side of the building. The samples were analyzed for metals, SVOCs, PCBs, pesticides, and explosives.

Based on the limited volume of contaminated soil, an interim removal action was performed at Site 210 in November 2003 as part of the Facility-Wide Sump and Dry Well Investigation. An area approximately 36 ft by 9 ft by 2 ft (24 cubic yards) was excavated beneath the stained floorboards back to the building's foundation. Post-excavation sampling contained no SC exceedances, and the site was proposed for closure with no further action.

Two soil borings were installed at Site 210 to evaluate potential contamination associated with sewer line breaks and leaks that may have occurred at the site. The soil borings were installed on each side of the sewer line southeast of Building 321, and two subsurface samples were collected from each soil boring. As part of the sanitary sewer system renovations/replacement project, soil samples were obtained at suspected areas of contamination as observed during excavation. In addition to samples from the sewer line trench, soil piles staged from the excavation were sampled.

The 2000 Phase I 2A/3A RI included the collection of seven surface soil and four subsurface soil samples.

3.23.3 Nature and Extent of Contamination

Sample locations where the SC were exceeded are shown on Figure 3-47, and the analytical data available in the Picatinny database are included in Appendix A.

The only SC exceedances at Site 210 were observed in one surface soil sample (G-B321-SS-5). The two SC exceedances at this sample location were benzo(a)pyrene (SC = 0.2 mg/kg) with a concentration of 0.45 mg/kg and arsenic (SC = 19 mg/kg) with a concentration of 20.3 mg/kg. This sample location is located on the southeast side of Building 321. The area surrounding Building 321 is paved, and the slight exceedance of the current benzo(a)pyrene SC is most likely due to asphalt paving. The slight arsenic exceedance is due to the naturally occurring arsenic in this area.

3.23.4 Summary of Risk Assessments

3.23.4.1 Human Health

An HHRA was completed in 2005 for PICA-108/210 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at PICA-108/210 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker: carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

- Future Construction Excavation Worker: carcinogenic risk number of 4E-07/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

- Future Adult Resident (soil): carcinogenic risk number of 7E-05/ noncarcinogenic HI of <1.

- Future Child Resident (soil): carcinogenic risk number of 1E-05/ noncarcinogenic HI of 2.

3.23.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.23.4.3 Ecological

According to the 2005 Screening Level ERA (SLERA), no ERA is required for PICA-108/210 due to the lack of suitable habitat and the small size of the site. The highly-urbanized nature of the site would dissuade most species, even those adapted to urban areas. Although a potential risk to wildlife could exist if there was sufficient exposure to contaminants, the fact that the majority of the site is mainly paved and surrounded on three sides by roads limits the potential for exposure.

3.23.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are not a concern because of its limited ecological habitat.

For hypothetical residential use risk scenarios, risks are within the generally acceptable risk range of 1E-06 to 1E-04; however, the HI is greater than 1 for the Child Resident scenario.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards that exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

3.24 PICA-122/Site 126–Building 197, Propellant Testing

3.24.1 Site History

PICA-122/Site 126 consists of Building 197, a one-story 48 ft by 55 ft structure with brick walls and a concrete foundation. It was constructed in 1942 and is used for propellant testing. The propellant testing is conducted in a conditioning chamber inside the building. Approximately five pounds of propellant waste is generated per month from testing operations. The propellant waste is placed in red cans for disposal at the Picatinny Burning Ground. The layout of Site 126 is shown on Figure 3-48.

There are currently no plans for future construction at PICA-122/Site 126.

3.24.2 Previous Investigations

In 1995, four soil samples were collected during the Phase I RI, and analyzed for VOCs, SVOCs, explosives, metals, and cyanide. The sample collected near transformer pad TR-166 was also analyzed for pesticides and PCBs.

The Phase I 2A/3A RI included the collection of 1 subsurface soil and 13 surface soil samples from September 2000 through October 2001. From October 2003 until May 2004 the northeast portion of Site 126 was further delineated by collecting 29 additional surface soil samples.

3.24.3 Nature and Extent of Contamination

Sample locations where the SC were exceeded are shown on Figure 3-49, and the analytical data available from the Picatinny database are included in Appendix A.

In surface soils, one pesticide, dieldrin, exceeded the SC (0.2 mg/kg) at F-SS126-3 with concentrations of 0.25 mg/kg for LH17 and non-detect for LM25. This slight exceedance is likely the result of some pesticide usage for insect population control. Cadmium was detected at concentrations greater than the SC (78 mg/kg) in twenty surface soil samples. The concentrations of cadmium ranged from 81.4 mg/kg at sample location F-126-SS-016 to 1980 D mg/kg at sample location F-126-SS-025. Cadmium is used in propellant manufacturing as a stabilizer, and Building 197 is still an active manufacturer of propellant. There was one arsenic exceedance of the SC value (19 mg/kg) at F-SS126-1 (29.7 mg/kg) and one chromium exceedance of the SC value (200 mg/kg) at F-SS126-2 (2200 D mg/kg). No other constituents exceeded SC.

3.24.4 Summary of Risk Assessments

3.24.4.1 Human Health

An HHRA was completed in the Dames and Moore Phase I Report and revised in 2005 for Site 126 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 126 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker: carcinogenic risk number of 9E-06/ noncarcinogenic HI of <1.

- Future Outdoor Maintenance Worker : carcinogenic risk number of 6E-07/noncarcinogenic HI of <1.

- Future Construction Worker: carcinogenic risk number of 2E-05/ noncarcinogenic HI of 2. However, while the total hazard index for all target endpoints or effects combined is 2, after segregating the estimated target indices for each compound by common target organ or effect in accordance with USEPA guidance (USEPA 1989), the hazard index for each target organ/effect is less than or equal to one, which indicates that adverse noncancer effects are not expected to occur. The HI for each target organ/effect is less than or equal to 1, which indicates that adverse noncancer effects are not expected.

No additional human health risks were calculated for hypothetical use scenarios.

3.24.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.24.4.3 Ecological

A site-specific ERA was conducted at Site 126 as part of the Phase I ERA for Sites 60, 61, 104, and 124. The habitat of the northern part of the Assessment Area (Sites 124

and 126) is likely to be highly usable for several species. Neither the small mammal studies nor the earthworm bioassays, however, found any substantive impacts in these areas. Data from the small mammal bioaccumulation study indicates limited COPC bioaccumulation. Based on these results, ecological impacts are expected to be minimal.

Cadmium concentrations exceed the ecological LOC and could create a calculated but localized ecological risk to a small number of individual organisms; however, toxicity testing and small mammal tissue analysis conducted across the larger study area indicate that there is no unacceptable ecological risk to the overall population. Therefore, a remedial action is not necessary to address these potential ecological risks posed by localized elevated cadmium concentrations.

3.24.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range for the industrial/research worker and construction worker of 1E-06 to 1E-04;
- The noncarcinogenic hazard is <1 for the industrial/research worker and 2 for the construction worker, but less than 1 by endpoint;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are not a concern because there are no substantive impacts.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.25 PICA-134/Site 30–Building 3045, Fluorochemical Storage

3.25.1 Site History

PICA-134/Site 30 consists of Building 3045 and is located in the eastern portion of Area I along West Tower Road. Building 3045 is an earth-covered concrete structure constructed in 1918 as a magazine for storage of ammunition and gas cylinders. According to the RI Concept Plan (ANL 1991), Building 3045 was used to store rocket propellant fuels in the 1960s. File documents dated January 1982 reported that cylinders containing trifluorodibromine, chlorine trifluoride, and other fluorochemicals were stored temporarily at Building 3045, and these materials were observed in the building during a 1982 cleanup inventory (Shaw 2005c). Since its RCRA closure in 1991, the building is reportedly inactive. The location of Site 30 is shown on Figure 3-50.

There are currently no plans for future construction at PICA-134/Site 30.

3.25.2 Previous Investigations

Two environmental investigations were conducted at PICA-134/Site 30, including the RCRA closure activities in 1991, and a Phase II RI Report, where two rounds of soil sampling were conducted in December 1995 through June 1996 and in May 2001 through February 2002.

As part of the 1991 RCRA closure, the floors, walls, and surfaces were pressure washed, rinsed, and dried prior to collecting wipe, chip, and rinsate samples for clean closure verification. Following the 1991 closure, the building has reportedly been inactive.

The initial 1995 Phase II RI sampling program included collection of eight surface soil and eleven subsurface soil samples to evaluate the potential impacts to site soil due to historical fluorochemical and propellant storage in Building 3045. During this first round of field investigation and sampling, on-site analysis was performed on all surface soil and subsurface soil samples, while off-site analysis was conducted only on four surface soil samples and three subsurface soil samples. The on-site samples were analyzed for VOCs, SVOCs, explosives, pesticides/PCBs, and TPH, while off-site analyses included VOCs, SVOCs, metals, ammonia, fluoride, and total phosphates, and, for some samples, ethylene oxide, and hydrazine.

During the second round of RI soil sampling, conducted in 2001 and 2002, five surface soil samples were collected and analyzed off-site for SVOCs and arsenic.

3.25.3 Nature and Extent of Contamination

Data available in the Picatinny data base are included in Appendix A. Figure 3-51 shows the locations and concentrations where one or more constituents exceeded an SC.

Five PAHs and one metal (arsenic) were the only constituents detected at concentrations greater than the SC in surface soil samples. Benzo(a)pyrene concentrations exceeded the SC = 0.2 mg/kg in samples: I-30-SS-001A (20 mg/kg), I-30-SS-004 (8.4 D mg/kg), I-30-SS-005 (3.1 D mg/kg), I-30-SS-006 (5.3 D mg/kg), I-30-SS-007 (0.55 mg/kg), and I-30-SS-008 (0.38 mg/kg). Benz(a)anthracene concentrations exceeded the SC = 2 mg/kg in surface soil samples: I-30-SS-001A (20 mg/kg), I-30-SS-004 (7.2 D mg/kg), I-30-SS-005 (2.7 D mg/kg), and I-30-SS-006 (4.5 D mg/kg). Benzo(b)fluoranthene concentrations exceeded the SC = 2 mg/kg in surface soil samples I-30-SS-001A (20 mg/kg), I-30-SS-004 (9.7 D mg/kg), I-30-SS-005 (3.7 D mg/kg), and I-30-SS-006 (6.4 D mg/kg). Dibenz(a,h)anthracene concentrations exceeded the SC = 0.2 mg/kg in surface soil samples I-30-SS-004 (0.99 D mg/kg), I-30-SS-005 (0.48 JD mg/kg), and I-30-SS-006 (0.92 JD mg/kg). Indeno(1,2,3-cd)pyrene concentrations exceeded the SC = 2 mg/kg in surface soil samples I-30-SS-001A (9 mg/kg), I-30-SS-004 (3.5 D mg/kg), and I-30-SS-006 (2.9 D mg/kg).

Arsenic concentrations in surface soil exceeded the SC = 19 mg/kg in four of six surface soil samples, including I-30-SS-001A (130 mg/kg), I-30-SS-004 (23.1 J mg/kg), I-30-SS-005 (23.1 J mg/kg), and I-30-SS-008 (33.2 J mg/kg).

Only one subsurface soil sample contained constituents that exceeded SC. Soil boring I-30-SB-001A had concentrations of benzo(a)pyrene (1.1 mg/kg) and dibenz(a,h)anthracene (0.27 mg/kg) that were greater than their respective SC in the sample collected from the 5-7 ft bgs interval; however, SVOCs were not detected in the surface soil at this location. Samples collected from deeper intervals at this location did not contain SVOCs at concentrations greater than the SC. No other constituents were detected in subsurface soils in concentrations that exceeded SC.

3.25.4 Summary of Risk Assessments

3.25.4.1 Human Health

An HHRA was completed in the 2007 for Site 30 receptors and provided previously in the Phase II RI Report (2005c). The carcinogenic risk for the reasonably anticipated future use of industrial /research worker was reassessed in 2009 and updated to include currently accepted parameters as detailed in Appendix C. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 30 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker: carcinogenic risk number of 8E-05/ noncarcinogenic HI of <1.

- Future Construction Excavation Worker: carcinogenic risk number of 9E-07/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.25.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.25.4.3 Ecological

Because the area around Building 3045 is forested, Site 30 was evaluated in the Phase II ERA. Soil samples collected at the site during the Round I investigation were evaluated during the ERA to determine the potential ecological risk to terrestrial species using the site. Results of the food chain modeling indicate the potential risk to terrestrial wildlife is minimal. EEQs for the COPECs were less than 1 for all chemicals with the exception of arsenic, a naturally occurring metal, in the white-footed mouse.

3.25.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site as it is not a COPC; and
- Ecological risks are minimal based on food chain modeling.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.26 PICA-134/Site 70–Buildings 3028 and 3029, Research and Development Laboratory and Chemical Storage Area

3.26.1 Site History

PICA-134/Site 70 is located on the southeast side of Area I approximately 650 ft from the shore of Picatinny Lake. Site 70 consists of Building 3028 (a research and development laboratory), Building 3029 (a general purpose warehouse), and a pad-mounted transformer (TR-3028) associated with the buildings. Building 3028 is connected to Building 3029 by a two-story annex. The layout of Site 70 is shown on Figure 3-52. Building 3028 is a two-story masonry structure that was operated by the Navy as a supply storehouse until the 1950s and as a warehouse for artillery equipment until 1980. Between 1980 and 1982, the building was renovated to be used as laboratories and offices. Use of the research and development laboratories began in 1982, and the last known use was as an explosive chemistry laboratory.

Research activities at Building 3028 generated waste streams that include solvents, nitrocellulose, Explosive A in solvents, Explosive B in water, propellant material,

ethanol, tetrahydrofuran, methyl alcohol, ethyl acetate, and ether. Dye testing conducted in 1991 indicated that five laboratory sinks discharged to an acid neutralization tank located on the east side of the building, which then discharged to the sanitary sewer system. The acid neutralization tank has reportedly been removed. Mercury remediation was conducted in one of the building's laboratories after mercury vapor was observed during air sampling in 1990. Small amounts of mercury may have discharged to sink and floor drains following cleanup of spills that occurred during routine laboratory activities. Bottles of unused radioactive material were found in the building during a radiation inspection. Building 3028 also contained an explosive detector with a sealed nickel-63 source. In the past, the laboratory periodically worked with thorium solutions and uranium compounds. According to Picatinny personnel, all radioactive materials have been removed from the building (Shaw 2005c).

Building 3029 was connected to the north end of Building 3028 and operated as an unofficial warehouse for storage of chemicals and equipment used in Building 3028 operations. Unopened chemicals, including flammables, solvents, alcohols, acetone, acetic acid, sodium hydroxide, cadmium sorbate, sulfuric acid, and nitric acid with crystallized TNT, were stored in steel cabinets in the building and on the outside deck. The building was demolished, and a 1,000-square-foot surveillance facility was constructed in its place.

One 1,500-KVA pad-mounted transformer (TR-3028) was replaced in the 1990s as part of a facility-wide removal replacement action for transformers.

The Picatinny Master Plan (long range) includes the construction of an additional building to house an "Energetic Materials Chemistry Complex" adjacent to Building 3028.

3.26.2 Previous Investigations

In addition to the mercury investigation, dye testing for sinks and floor drains, and the radiological inspections conducted inside the buildings, two environmental investigations were conducted at Site 70, including the RCRA closure activities conducted in 1991 and the Phase II RIs conducted from June 1995 to October 1996 and May to June 2001.

During the RCRA closure of Buildings 3028 and 3029, remaining debris and/or waste was removed, floors and walls were pressure washed and rinsed, and rinsate and chip samples were collected for closure verification. The analytical results of chip and

rinsate samples detected some closure parameters above method detection limits for some heavy metals. However, documentation from NJDEP dated December 1992 asserts that the closure areas did not require further action (Shaw 2005c).

The initial 1995 Phase II RI included a radiological survey, the installation of two monitoring wells (I-70MW-001 and I-70MW-002), and collection of eight surface soil samples, nine subsurface soil samples, and two groundwater samples. The 2001 follow-up investigation included collection of one groundwater and one surface soil sample. Four of the surface soil samples (I-70-SS-001A, I-70-SS-002C, I-70-SS-003C, and I-70MW-002A) and two of the sub-surface soil samples (I-70MW-001E and I-70MW-002D) were collected for off-site analysis of VOCs, SVOCs, metals, anions, radiologicals, and explosives. Surface soil sample I-70-SS-004A was collected for off-site analysis of SVOCs and PCBs. The remaining soil samples were analyzed onsite; on-site sample analytical data are not discussed herein. During the initial Phase II RI, groundwater samples were collected and analyzed offsite for VOCs, SVOCs, metals, anions, radiologicals, and explosives. Only lead was analyzed when monitoring well I-70MW-001 was sampled during the second round.

3.26.3 Nature and Extent of Contamination

The analytical data available from the Picatinny database are included in Appendix A. Figure 3-53 shows the locations and concentrations where one or more constituent exceeded an SC.

One SVOC, benzo(a)pyrene, was detected in surface soil sample I-70-SS-002C at a concentration of 0.41 mg/kg, which is greater than the SC for benzo(a)pyrene of 0.2 mg/kg. No other constituents were detected at concentrations exceeding SC.

3.26.4 Summary of Risk Assessments

3.26.4.1 Human Health

An HHRA was completed in 2005 for Site 70 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 70 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Future Industrial Research Worker (chemical risks): carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.
- Future Construction Excavation Worker (chemical risks): carcinogenic risk number of 8E-08/ noncarcinogenic HI of 1.
- Future Industrial Research Worker (radiological risks): carcinogenic risk number of 4E-06.
- Future Construction Excavation Worker (radiological risks): carcinogenic risk number of 5E-06.

No additional human health risks were calculated for hypothetical use scenarios.

3.26.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.26.4.3 Ecological

Site 70 was not evaluated in the Phase II ERA, because of limited available habitat consisting primarily of mowed lawns. The soil samples representing the site were collected adjacent to the building, parking lot or on a hillside of rubble. The lack of suitable habitat on-site limits the potential for exposure and associated risks are expected to be minimal.

3.26.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range for the industrial/research worker and less than the range for the construction worker of 1E-06 to 1E-04;
- The noncarcinogenic hazard is at or less than the threshold of 1;

- Lead is not a concern at this site as it is not a COPC; and
- Ecological risk is not a concern due to limited habitat.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.27 PICA-134/Site 83 - Physical Analysis Laboratory for Energetics

3.27.1 Site History

PICA-134/Site 83 is located along the unnamed ridge that trends along the southeast side of the installation and consists of Building 3022 and seven pad-mounted transformers located on the western side of the building. The layout of Site 83 is shown on Figure 3-54. Building 3022, an old Naval Powder Depot, is the product of a 1981 renovation that joined Buildings 3021 and 3022. The east wing of Building 3022 also adjoins Building 3024. The majority of the building is currently a laboratory where chemistry and physics research is conducted for energetics development and testing.

The north wing of Building 3022 (formerly Building 3021) is currently used to store radioactive source materials. According to the RI Concept Plan, materials stored or used in the laboratory back in 1990 include several hundred curies (Ci) of tritium, more than 10,000 Ci of cobalt-60, several hundred pounds of uranium-238, curie amounts of cesium-I 37, californlum-252 and plutonium-238, and smaller amounts of other undocumented radioactive materials. Bottles of unused radioactive material were found in laboratory storage cabinets during a radiation inspection, though no radiation contamination was evident during a building survey conducted after the discovery. Dye testing conducted in 1991 indicated that one sink and one floor drain in Room 40 discharged to the acid tank outside the building (to the northwest of TR-3022), which was subsequently approved for closure in place by NJDEP in 1995. In 1991, a RCRA closure was performed at Building 3022 that included removing waste material from the first-floor laboratories.

A wide variety of chemicals in relatively small quantities are used and stored in Building 3022, including PCBs, methylpentane, nitromethane, nitric acid, hydrochloric acid, butyl

nitrite, sulfuric acid, and nitrogen dioxide. Waste chemicals and acids are red-canned and sent to the Picatinny Burning Ground for disposal. However, according to Picatinny personnel, small quantities of chemicals and waste may have been poured down sink drains in the past (Shaw 2005c).

Three 25-KVA and three 100-KVA pad-mounted transformers (TR-3021) were located on the western side of Building 3022, and one 1,500-KVA transformer (TR-3022) was located in the courtyard of the building. According to the Picatinny transformer database, none of these seven transformers contained PCBs. The transformers were replaced with new transformers in the 1990s as part of a facility-wide transformer replacement/removal action.

There are currently no plans for future construction at PICA-134/Site 83.

3.27.2 Previous Investigations

In addition to the radiological inspection and survey conducted inside the laboratory and the dye testing for sinks and floor drains, two environmental investigations were conducted at Site 83, including RCRA closure activities conducted in 1991, and the Phase II RI conducted from June 1995 and May 1996 and April and May 2001.

During the RCRA closure of Building 3022, the walls of Room E and the floors of each designated closure area were washed and damp mopped, and wipe and rinsate samples were collected for closure verification. The analytical results of wipe and rinsate samples detected some closure parameters above method detection limits for some heavy metals. However, documentation from NJDEP dated December 1992 asserts that the closure areas did not require further action (Shaw 2005c).

The initial Phase II RI was conducted between June 1995 and May 1996. The RI included a radiological survey and collection of 19 surface soil and 23 subsurface soil samples. The follow-up investigation was conducted between April and May 2001 included the collection of six surface soil samples. Two of the surface soil samples (I-83-SS-006A and I-83-SB-001A) and two of the sub-surface soil samples (I-83-SB-001B and I-83-SB-001C) were collected for offsite analysis of VOCs, SVOCs, metals, anions, radiologicals, fuel and explosives. Surface soil sample I-83-SS-006A was also analyzed offsite for PCBs. Surface soil samples I-83-SS-001A, I-83-SS-002C, I-83-SS-003C, I-83-SB-003A, and I-83-SB-004A and sub-surface soil samples I-83-SB-002A, I-83-SB-002C, I-83-SB-003B, and I-83-SS-4B were analyzed offsite for metals, anions, radiologicals, and explosives. Surface soil samples I-83-SS-004B and I-83-SS-005B

were analyzed offsite for PCBs, and surface soil samples I-83-SS-007A, -008A, -009B, -010A, -011A, and -012A were analyzed offsite for lead. The remaining soil samples were analyzed onsite; onsite sample analytical data are not discussed herein.

3.27.3 Nature and Extent of Contamination

The analytical data available in the Picatinny database are included in Appendix A. Figure 3-55 shows the location and concentration one or more constituent exceeded an SC.

One constituent, arsenic was detected in surface soil sample I-83-SS-006A at a concentration of 22 mg/kg, which is greater than the SC of 19 mg/kg. The radiological survey conducted in 1995 did not indicate concentrations of radiological compounds greater than background values given in the PTA Background Study Report in either surface or sub-surface soil at Site 83. No radiological compounds were detected at concentrations greater than SC, though most such compounds do not have an SC value.

3.27.4 Summary of Risk Assessments

3.27.4.1 Human Health

An HHRA was completed in 2005 for Site 83 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 83 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

- Construction Excavation Worker: carcinogenic risk number of 3E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.27.4.2 Lead Blood Model Result

The current and reasonably anticipated future use scenarios were reevaluated at this site to reflect current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 165 mg/kg, less than the calculated PRG of 1,092 mg/kg.

- Current Construction Worker (subsurface soil): No concern - average lead concentration of 118 mg/kg, less than the calculated PRG of 1,092 mg/kg.

3.27.4.3 Ecological

Site 83 consists of Building 3022, pavement and mowed areas. There is little cover for terrestrial species at Site 83, thus food chain effects are unlikely. As a result, Site 83 was not evaluated in the Phase II ERA.

3.27.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;

- The noncarcinogenic hazard is less than the threshold of 1;

- Lead is not a concern, as the average concentration is less than the calculated PRG; and

- Ecological risk is not a concern due to limited habitat.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.28 PICA-135/Site 71 – Building 910, General Purpose Laboratory

3.28.1 Site History

PICA-135/Site 71 consists of Building 910, located on Fidlar Road along the northwestern shore of Picatinny Lake (Figure 3-56). The small site (0.2 acre) is situated on an alluvial delta that extends into the lake. Building 910 is a one-story structure that was constructed in 1950 as a storage magazine. Building 910 was utilized until the 1970s for the environmental testing of munitions to determine the effect of temperature and humidity on propellants and explosives. In 1991, closure activities were performed on Building 910 by washing down the walls and walk-in areas and removing any remaining debris.

There are currently no plans for future construction at PICA-135/Site 71.

3.28.2 Previous Investigations

Three previous studies have been conducted at Site 71. These activities included closure activities performed in 1991, an initial Phase II RI sampling program conducted between May 1996 and August 1996, and follow-up investigations conducted between April 2001 and February 2001.

Closure activities were performed on Building 910 by washing down walls and walk-in areas and removing any remaining debris. Chip samples collected at Building 910 after the cleaning process indicated the presence of arsenic, beryllium, cadmium, chromium, copper, lead, nickel, and zinc. Closure of Building 910 was performed in accordance with the approved closure plan, and according to correspondence from Thomas Sherman, NJDEP, to Thomas Solecki, ARDEC, dated December 1992, the closure area did not require further action.

The initial Phase II RI (Round 1) was conducted between May 1996 and August 1996. Sampling activities consisted of collecting one surface water sample, one sediment sample, and six surface soil and six subsurface soil samples, collected at three locations. During the Round I field investigation, on-site analysis was also performed on all surface soil, subsurface soil and sediment samples. These samples were analyzed for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPHs.

Phase II Round 2 RI investigations included the collection of eight surface soil and two subsurface soil samples. These activities were conducted between April 2001 and February 2002. These samples were analyzed for SVOCs and arsenic.

3.28.3 Nature and Extent of Contamination

Areas where SC are exceeded are shown on Figure 3-57. Data available in the Picatinny database are presented in Appendix A.

Seven surface soil samples at Site 71 contained at least one of four SVOCs at concentrations greater than the SC, and five surface soil samples had detections of arsenic at concentrations greater than the SC. The maximum concentrations of all four SVOCs were at location I-71-SS-002A, 0-1 ft bgs (three of the maximum concentrations were in the duplicate sample from this location); 3 mg/kg benz(a)anthracene (SC = 2 mg/kg), 4 mg/kg benzo(a)pyrene (SC = 0.2 mg/kg), 4 mg/kg benzo(b)fluoranthene (SC = 2 mg/kg), and 0.5 mg/kg dibenz(a,h)anthracene (SC = 0.2 mg/kg). The maximum concentration of 40 mg/kg arsenic (SC = 19 mg/kg) was detected in a sample from location I-71-SS-001A, 0-1 ft bgs.

In sediment sampling, location I-71-SD-001 had a detection of strontium greater than the SC value of 16 mg/kg. The concentration of strontium at this sampling location was 21.2 mg/kg at 0-1 ft bgs.

3.28.4 Summary of Risk Assessments

3.28.4.1 Human Health

An HHRA was completed in 2005 for Site 71 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 71 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Industrial Research Worker: carcinogenic risk number of 8E-05/ noncarcinogenic HI of <1.

- Construction Excavation Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.28.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.28.4.3 Ecological

Site 71 was not evaluated in the Phase II ERA because there is limited exposure potential for receptors, and the small size of the site makes it unlikely to elicit food chain effects. The surface water sample and the sediment sample were evaluated as part of Picatinny Lake (Site 53).

3.28.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern as it is not a COPC; and
- Ecological risk is not a concern due to limited exposure potential for receptors.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.29 PICA-135/Site 82 – Building 908, X-ray Photoprocessing Laboratory

3.29.1 Site History

Site 82 consists of Building 908 and is located in the northern portion of Area I. Layout of Site 82 is shown on Figure 3-58. Building 908 was constructed in 1918 for use as a general purpose magazine. In 1945, a request was made to equip Building 908 with a radiographic inspection laboratory that would x-ray large allowances of loaded shells for manufacturing defects. A 20-million electron volt betatron x-ray unit with a 42-inch-thick protective concrete shield was installed. By 1964, a 25-million electron volt betatron x-ray unit and 1,000-kiloelectron volt (KeV), 250-KeV, and 200-KeV x-ray units were in operation as well as a 140-KeV fluoroscope.

A Californium Flux Multiplier has been housed in Building 908 since the early 1970s. This instrument has been used for experiments in neutron radiography, activation analysis, and neutron gauging. The source was relocated to the Building 908 addition upon its completion in the early 1980s. The californium neutron source utilized at Building 908 was 10.42 milligrams (mg) in 1971, but had dwindled to approximately 0.3 mg by 1984. The reduction in mass of the californium-252 was a result of radioactive decay. The source is sealed and reportedly no escape of this radioactive material has occurred. The emergency storage for the sealed source in the original Building 908 wing was a 2-inch-diameter hole cased by piping to a depth of 5 ft beneath the betatron unit. However, there is no record of this cavity ever being utilized. A gammatron-100 portable cobalt-60 radiographic source (sealed 100 Ci) was utilized in the existing and the expanded facility. A 300-kilovolt x-ray unit was relocated from its original placement in Building 908 to the addition in the early 1980s.

Building 908 has also housed an x-ray developing unit since 1945 and a silver recovery unit from 1963 to 1983. Spent developing fluid from the x-ray developing unit is currently mixed with process wash water and released to Picatinny's sanitary sewer. The spent fixer is collected, stored, and sent to Building 314 for silver reclamation. The overflow line from the spent fixer collection unit at Building 908 formerly discharged into Picatinny Lake. The discharge has been discontinued.

Throughout its operation, numerous documents have been produced outlining concerns for the high-energy gamma rays being produced by the betatron x-ray units at Building 908. During periods of operation, despite the protective barriers and increased shielding, high levels of radiation were recorded in the building.

Ten pad-mounted transformers (TR-980) were located near the southwest corner of Building 908. According to the Picatinny transformer database, the transformers ranged in size from 9.6-KVA to 75-KVA. The transformer database also indicated that five of the ten transformers were contaminated with PCBs at concentrations ranging from 5 to 361 mg/kg. In addition, the database indicated that two 23-KVA transformers were located inside of Building 908. These two transformers were not PCB contaminated. The transformers are still present and active. However, PCB-containing oil is no longer used.

There are currently plans for future construction of an Experimental Evaluation Facility, just northwest of Building 908 at PICA-135/Site 82.

3.29.2 Previous Investigations

Three investigations have been conducted at Site 82: the 1995 Outdoor Radiological Survey in 1995, Phase II RI, Round 1 from March to August 1996 and Phase II RI Round 2 from May 2001 and February 2002.

Prior to the 1996 RI, studies conducted at Building 908 were limited to radiation surveys during periods of operation. Elevated levels of radiation were recorded inside Building 908.

In 1995, radiological surveys were performed at Site 82 as part of the Site-Wide Outdoor Radiological Survey by SEG from June to July 1995. The 10-meter grids were established in survey areas around the buildings and four systematic samples were collected per grid with the exception of paved or restricted areas. A total of 119 samples were collected at Site 82 and analyzed for Gross Alpha, Gross Beta, and Gamma radiation.

As part of the Phase II RI Round 1 sampling activities, fourteen surface soil samples, ten subsurface soil samples from five locations, two surface water samples, and two sediment samples were collected. Round 1 sampling analyses were performed offsite and onsite. Off-site analysis included VOCs, metals, cyanide, anions, radiological parameters, and explosives for the five soil samples, the two surface water samples, and the two sediment samples. TOC was also analyzed offsite for the sediment samples. On-site analysis consisted of VOCs, SVOCs, explosives, pesticides, and PCBs for ten of the soil samples, subsurface soil samples, and sediment samples; only PCBs were analyzed in the remaining four soil samples. No surface water was analyzed onsite.

Follow-up investigations (Round 2) were conducted between May 2001 and February 2002 based on the results of the Round 1 sampling and regulatory comments. Round 2 sampling consisted of collection of five surface soil samples, one subsurface soil sample, and one sediment sample.

3.29.3 Nature and Extent of Contamination

Figure 3-59 shows the locations of samples where constituent concentrations exceeded SC. Data available in the Picatinny database are presented in Appendix A.

Five surface soil samples had concentrations of arsenic (SC = 19 mg/kg) greater than the SC. Concentrations of arsenic greater than the SC in surface soil ranged from 22.1 mg/kg (I-82-SS-005A, 0-1 ft bgs) to 58 mg/kg (I-82-SS-006A, 0-1 ft bgs). A concentration of 33 D mg/kg arsenic was detected in one subsurface soil sample, from sample location I-82-SS-006, 2-3 ft bgs. No other constituents were detected at concentrations greater than the SC in either surface or subsurface soils.

In sediment, concentrations of 0.66 mg/kg mercury (SC = 0.249 mg/kg), 26 mg/kg silver (SC = 1 mg/kg), and 25.4 mg/kg strontium (SC = 16) were detected in the sample I-82-SD-001. Constituents detected at concentrations greater than the SC in sediment sample I-82-SD-002 were: 1.83 mg/kg cadmium (SC = 1.7 mg/kg), 57.4 mg/kg lead (SC = 38.8 mg/kg), 0.26 mg/kg mercury (0.249 mg/kg), 1100 mg/kg silver (SC = 1 mg/kg), 110 mg/kg strontium (SC = 16 mg/kg), and 249 mg/kg zinc (SC = 171 mg/kg). No other constituents were detected at concentrations greater than the SC in sediments at Site 82.

In surface water, one VOC, 4.6 ug/L methylene chloride (SC = 2.5 ug/L), was detected in sample I-82-SW-001. One metal, 16.2 ug/L silver (SC = 3.8 ug/L), was detected in surface water sample I-82-SW-002 in August 1996. No other constituents were detected at concentrations greater than the SC in surface water samples at Site 82.

Sediment and surface water at Site 82 has been addressed in the Lakes FS (PICA-015, 057, and 195 FS [ARCADIS 2009a]).

3.29.4 Summary of Risk Assessments

3.29.4.1 Human Health

An HHRA was completed as part of the Phase II RI Report (2005). The radiological carcinogenic risk for future Industrial/ Research Workers is 5E-04, which exceeds USEPA's target risk range of 1E-04 to 1E-06 with radium-226, thorium-228, and radium-228 being the primary radiological risk drivers; however, the radiological data for Site 82 does not exceed the NJDEP cleanup goal for these isotopes (5 pCi/g) and no further action is required. The chemical and radiological cancer risks have not been added together as USEPA (1989) stipulates that they should not be considered to be additive.

With the exception of the isotopes listed above, the estimated reasonable maximum chemical exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 82 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and Future Industrial/Research Worker: chemical carcinogenic risk of 5E-05/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: chemical carcinogenic risk of 2E-06/ noncarcinogenic HI of <1.
- Current and Future Industrial/Research Worker: radiological carcinogenic risk of 5E-04; however, as discussed above, the concentrations present are less than associated standards and no further action is required for these isotopes.
- Current and Future Construction/Excavation Worker: radiological carcinogenic risk of 4E-05.

No additional human health risks were calculated for hypothetical use scenarios.

3.29.4.2 Lead Blood Model Results

Lead was not a COPC at this site and the Lead Blood Model was not evaluated.

3.29.4.3 Ecological

As previously mentioned, sediment and surface water at Site 82 have been addressed in the “Lakes FS” (PICA-015, 057, and 195 FS [ARCADIS 2009a]).Site 82 was evaluated in the Phase II ERA (IT 2000 [PTA.T005.0008C]) due to the contiguous forested areas and the proximity of Picatinny Lake. A surface soil bioassay was conducted on one sample from the site (82SS-002), which did not exhibit any significant difference in mortality as compared to the control/reference samples.

3.29.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic chemical risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The carcinogenic radiological risk is greater than the generally acceptable risk range of 1E-06 to 1E-04 for the current and future industrial/research worker for surface soil, but all concentrations of radiological parameters are less than the associated standard and no further action is required;
- The noncarcinogenic hazard is less than 1;
- Lead is not a concern as it is not a COPC; and
- Ecological risks are expected to be minimal.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial), with the exception of radiological risk for the Current and Future Industrial/Research Worker; however, as discussed above, the concentrations present are less than associated standards (5pCi/g), and no further action is required for these isotopes. Because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, however, this site cannot be released for unrestricted use.

3.30 PICA-135/Site 158 – Building 926, High-Explosive Magazine

3.30.1 Site History

PICA-135 (153)/Site 158 consists of Building 926, an earth covered, 12 ft by 12 ft structure, and is located along the northern shore of Picatinny Lake (Figure 3-60). Building 926 was built in 1922 as a high-explosive magazine. It has a single steel door and a lead-plated loading platform that extends into the lake. Building 926, referred to as the cave, was used to store lead azide, lead styphenate, and mercury fulminate until the mid-1960s. According to Picatinny documentation, all styphenates and azides were removed in the early 1980s. It is unknown where the explosives were disposed, but a 1983 SOP indicated that the explosives were detonated in the gorge area.

There are currently no plans for future construction at PICA-135 (153)/Site 158.

3.30.2 Previous Investigations

The initial Phase II RI sampling activities (Round 1) at Site 158 were conducted between March 1996 and August 1996. The RI sampling program consisted of collecting two surface soil samples, one subsurface soil sample, two surface water samples, and two sediment samples. Sample I-158-SS-001A was sent for off-site analyses, including explosives and metals. During the sampling program, a radiological survey was conducted. During the Round 1 field investigation, on-site analysis was also performed on all surface soil, subsurface soil, and sediment samples, however, this data is not discussed herein. These samples were analyzed for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPHs. Follow-up investigations were conducted in May 2001 and May 2002, and consisted of collecting two sediment samples and three surface water samples.

3.30.3 Nature and Extent of Contamination

Locations where SC were exceeded are shown on Figure 3-61. Data available in the Picatinny database are summarized in Appendix A.

There were no constituents detected in soil samples at concentrations greater than SC.

Nine metals were detected in sediment samples at concentrations greater than their respective SC. Maximum concentrations of 1100 mg/kg lead (SC = 38.8 mg/kg) and 28.2 D mg/kg mercury (SC = 0.249 mg/kg) were detected at sediment sample location

I-158-SD-001. The maximum concentration of strontium, 23.1 mg/kg (SC = 16 mg/kg), was detected at location I-158-SD-002. The maximum concentration of arsenic, 34.9 mg/kg (SC = 19 mg/kg), was detected at location I-158-SD-005. Maximum concentrations of 13.7 J mg/kg cadmium (SC = 1.7 mg/kg), 42.5 J mg/kg nickel (SC = 39.6 mg/kg), 22.1 J mg/kg silver (SC = 1 mg/kg), and 915 J mg/kg zinc (SC = 171 mg/kg) were detected at location I-158-SD-006. The maximum concentration of 364 J mg/kg copper (SC = 28 mg/kg) was detected in the duplicate sample from I-158-SD-006. No other constituents were detected in sediment samples at concentrations greater than SC.

In surface water samples, the only constituent detected with a concentration that exceeds the SC was 0.3 J ug/L cadmium (SC = 0.28 ug/L) from location I-158-SW-003; however, the duplicate sample from this location was non-detect for cadmium, and it did not contain any other constituents in concentrations greater than the SC.

Surface water and sediment are addressed in the PICA-057 FS (ARCADIS 2009a).

3.30.4 Summary of Risk Assessments

3.30.4.1 Human Health

An HHRA was completed in 2005 for Site 158 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 158 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 4E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.30.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.30.4.3 Ecological

Site 158 is essentially a magazine, a loading dock, and a gravel road. Due to its small size (0.2 acre) and low habitat quality, surface soil was not evaluated in the Phase II ERA. Surface water and sediment results from Round I were evaluated as part of Picatinny Lake. A sediment bioassay of sample I 58SD-1 did not exhibit significant toxicity in the two test organisms. No significant perturbations were noted in the benthic macroinvertebrate survey conducted at Site 158. Metrics measured during the survey indicated conditions at Site 158 were better than the reference locations. Based on these data, ecological impacts are expected to be minimal.

3.30.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern as it is not a COPC; and
- Ecological risk is not a concern due to limited exposure potential for receptors.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.31 PICA-135/Site 159 – Former Building 975, Supplies and Services Administration Building

3.31.1 Site History

PICA-135 (154)/Site 159 consists of Building 975, located along the shore of GPB, approximately 200 ft north of the northern shore of Picatinny Lake. The layout of Site

159 is shown on Figure 3-62. Building 975 was constructed in 1942. It was originally built as a bomb shelter, but was later utilized as the main office for the 800 building storage area. Building 975 was also used to store packed shells and explosives prior to shipment. In 1998, the building was demolished under TECUP.

A 1986 inventory indicated that RDX, Composition A, and Composition B were stored at Building 975. An additional inventory indicated that the M207 warhead, the Viper warhead, DU penetrators, and nine classified materials were also stored at Building 975. Picatinny engineering drawings indicated that a sump on the south side of Building 975 might have received water from building washdown activities. In interviews conducted by ANL in 1989, Picatinny personnel reported that lead azide was taken from Building 926 in 1983 and buried behind Building 975.

There are currently no plans for future construction at PICA-135 (154)/Site 159.

3.31.2 Previous Investigations

The initial Phase II RI sampling activities (Round 1) at Site 159 were conducted between May 1995 and November 1996. The RI included:

- Geophysical and radiological surveys;
- Collection of eight surface soil and four subsurface soil samples;
- Two surface water samples;
- One sump sample;
- Two sediment samples;
- One test pit excavation, and collection of two subsurface soil samples from the test pit;
- Installing one soil boring, and collection of two subsurface soil samples from this location;
- Installing one monitoring well, and collection of two subsurface soil samples from this location; and

- Collecting groundwater samples, performing aquifer testing, and surveying the newly installed well.

During the Round 1 field investigation, on-site analysis was also performed on all surface soil, subsurface soil, and sediment samples. These samples were analyzed for the following analytical parameters: VOCs, SVOCs, explosives, pesticides/PCBs, and TPHs.

Follow-up investigations (Round 2) were carried out between May and June 2001. During the Round 2 sampling program, one surface soil sample, one subsurface soil sample, and one sediment sample were collected.

3.31.3 Nature and Extent of Contamination

Areas where SC were exceeded are shown on Figure 3-63. Data available in the Picatinny database are presented in Appendix A.

No constituents were detected at concentrations greater than SC in surface or subsurface soil samples at Site 159.

In sediment samples, fifteen SVOCs were detected at concentrations greater than the SC. Maximum concentrations of all 15 SVOCs were detected in the sample collected at location I-159-SD-002: 0.11 mg/kg acenaphthene (SC = 0.00671 mg/kg), 0.15 mg/kg acenaphthylene (SC = 0.00587 mg/kg), 1.5 mg/kg anthracene (SC = 0.03162 mg/kg), 3 mg/kg benz(a)anthracene (SC = 0.0317 mg/kg), 2.9 mg/kg benzo(a)pyrene (SC = 0.0319 mg/kg), 4.5 mg/kg benzo(b)fluoranthene (SC = 0.0272 mg/kg), 1.3 mg/kg benzo(g,h,i)perylene (SC = 0.29 mg/kg), 2 mg/kg benzo(k)fluoranthene (SC = 0.0272 mg/kg), 3.6 mg/kg chrysene (SC = 0.0571 mg/kg), 0.35 mg/kg dibenz(a,h)anthracene (SC = 0.00622 mg/kg), 7.9 mg/kg fluoranthene (SC = 0.06423 mg/kg), 0.94 mg/kg fluorene (SC = 0.0212 mg/kg), 1.7 mg/kg indeno(1,2,3-c,d)pyrene (SC = 0.078 mg/kg), 5.3 mg/kg phenanthrene (SC = 0.0419 mg/kg), and 7 mg/kg pyrene (SC = 0.053 mg/kg). Two pesticides, 0.03 mg/kg 4,4'-DDE (SC = 0.00142 mg/kg) and 0.01 mg/kg 4,4'-DDT (SC = 0.00119 mg/kg), were detected in the sample from location I-159-SD-001. Four metals were also detected in the sediment samples. Cadmium (SC = 1.7 mg/kg) and copper (SC = 28 mg/kg) were detected at concentrations of 2.44 mg/kg and 151 mg/kg, respectively. Lead (SC = 38.8 mg/kg) was detected at a concentration of 72.9 mg/kg at location I-159-SD-001 and 56.4 mg/kg at location I-159-SD-002. Strontium (SC = 16 mg/kg) was detected at a concentration of 18.8 at I-159-SD-001.

In surface water, methylene chloride, a common laboratory contaminant, was detected in sample I-159-SW-002 at a concentration of 11 ug/L (SC = 2.5 ug/L). In the same sample, the following parameters were detected with concentrations greater than their respective SC: 2,4-DNT (SC = 0.11 ug/L) was detected at a concentration of 0.2 ug/L; aluminum (SC = 190 ug/L) was detected at a concentration of 295 ug/L; and lead (SC = 3.2 ug/L) was detected at a concentration of 4.79 ug/L. The only other surface water sample that exceeded the SC for lead was sample I-159-SW-001 with a concentration of 21.50 ug/L. The pesticide alpha-BHC (SC = 0.0026 ug/L) was detected at location I-SWBG-29 at a concentration of 0.45 N ug/L by USAEC UH20. The same sample was non-detect for Alpha-BHC by method USAEC UM25. No other constituents were detected in surface water at concentrations greater than the SC.

No constituents were detected in groundwater samples at concentrations greater than the SC at Site 159.

3.31.4 Summary of Risk Assessments

3.31.4.1 Human Health

An HHRA was completed in 2005 for Site 159 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 159 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and Future Industrial/Research Worker: carcinogenic risk number of 8E-06/ noncarcinogenic HI of <1.

- Current and Future Construction/Excavation Worker: carcinogenic risk number of 8E-07/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

- Current and Future On-site Visitor: carcinogenic risk number of 6E-06/ noncarcinogenic HI of <1.

3.31.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.31.4.3 Ecological

Site 159 is essentially a dirt field with no cover for animals. Despite the poor habitat, the site was evaluated in the Phase II ERA because the site is bordered by forested land and may revert to a more natural state. Two sediment bioassays performed in the upper portion of GPB exhibited significant toxicity. However, results of a benthic survey conducted in GPB adjacent to Site 159 indicated the habitat is equal to or better than the upgradient reference location. EEQs for the COPECs detected in soil samples collected at Site 159 suggested that there is little potential risk to small mammals, vermivorous birds and predatory birds from soil exposure. Also, EEQs for all COPECs were less than one with the exception of arsenic, a naturally occurring metal, in the white-footed mouse.

3.31.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site; and
- Ecological risk is minimal due to poor habitat.

For the hypothetical On-site Youth Visitor risk scenario, risks are within the generally acceptable risk range of 1E-06 to 1E-04 and the HI is less than 1.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.32 PICA-136/Site 79 –Building 3013, High Pressure Boiler

3.32.1 Site History

PICA-136/Site 79 consists of Building 3013 and its associated pad-mounted transformers, is approximately 1.8 acres in size, and is located in Area I on South Office Road in the center of Picatinny. The location of Site 79 is shown on Figure 3-64. Built in 1901, Building 3013 was originally used as a main boiler house, but was last used as an auxiliary boiler house. Coal burners were used in the boilers to generate power until 1943 when they were replaced with oil burners. Former Building 3009, located southwest of Building 3013, was used for the bulk storage of coal for the boilers. Building 3013 was also used for explosives production during World War I and World War II and was expanded in the 1940s to include a water treatment system.

Two ASTs were installed at Building 3013 in 1943 when the facility changed the fuel supply from coal to oil. In 1967, the two ASTs were removed, and two 20,000-gallon USTs were installed for storage of fuel oil for the boiler. These USTs were in service until their removal in 1990. Discolored soil was observed and investigated after the tanks were removed. A temporary 2,000-gallon AST was installed for use until replacement oil tanks were installed. The temporary AST was removed following installation of two 2,000-gallon ASTs with secondary containment located to the southwest of Building 3013.

Historical activities in Building 3013 generated numerous waste materials, including waste oils, hydraulic fluid, boiler water sludge, and caustic soda. Explosive compounds that may have been used at Building 3013 include TNT, DNT, nitrocellulose, RDX, and HMX. Limited information is available regarding the handling and disposal of waste streams at the building. In 1991, a RCRA closure was performed that included removing waste material from the building.

One 15-KVA and two 25-KVA pad-mounted transformers were located on the east side of Building 3013 (TR-3013). All transformers were removed in the 1990s as part of a facility-wide transformer removal action.

There are currently no plans for future construction at PICA-136/Site 79.

3.32.2 Previous Investigations

In 1991 closure activities were conducted in order to remove any remaining waste materials and decontaminate the waste storage area in the southwestern most corner of Building 3013. Hydraulic oil generated from periodic maintenance in the building had been stored on pallets in this area (ICFKE 1998). As part of the 1991 closure activities, an asbestos survey was conducted. The survey did not detect asbestos-contaminated material in the closure area. Equipment was removed from the closure area, and the closure area walls were steam cleaned. Confirmatory samples collected indicated some closure parameters above method detection limits for heavy metals. However, documentation from NJDEP, dated December 1992, asserts that the closure areas did not require further action (Shaw 2005c).

During the 1992 Discharge Investigating and Correction Report (DICAR) investigation, two mounded 20,000-gallon fuel oil USTs were excavated. Approximately 1,500 tons of petroleum-impacted soil was removed from a 15-foot- deep excavation during the UST removal. Petroleum hydrocarbon concentrations reportedly ranged from 360 to 13,700 ppm in the seven soil samples collected from the excavation. Three monitoring wells were installed as part of the investigation. Samples collected from these wells were analyzed for VOCs, and SVOCs. VOCs and SVOCs were detected in each of the three wells. Further delineation of petroleum impacts was conducted during the 1994 Environmental Remedial Action Investigation, two monitoring wells were installed and analyses were conducted on groundwater collected from all five monitoring wells in the area. Soil samples were collected from nine sampling points. At the time, none of the compounds detected in groundwater exceeded the groundwater cleanup standards for Class II-A aquifers, and no further action was proposed. The data and sampling locations from this investigation were not available.

The initial Phase II RI sampling activities at Site 79 were conducted between March 1996 and October 1996 and included collection of eight surface soil, five subsurface soil and five groundwater samples. The follow-up investigation was conducted between April 2001 and February 2002 and involved collection of one groundwater sample, nine surface soil samples, and 12 subsurface soil samples. Groundwater samples I-79-MW-001, I-79-MW-002, I-79-MW15-101, I-79-MW15-102, and I-79-MW15-103; surface soil samples I-79-SS-001A, I-79-SB-001A, I-79SB-002A; and subsurface soil sample I-79-SB-001B were collected and analyzed for VOCs, SVOCs, metals, anions, fuel-related compounds, and explosives. Surface soil sample I-79-SS-002A was collected and analyzed for PCBs. Subsurface soil boring I-79-SB-002C was collected and analyzed for VOCs, SVOCs, fuel-related compounds, and explosives. During the follow-up

investigation, the groundwater sample collected from I-79-MW-001, surface soil samples I-79-SS-003A through -006A, and subsurface soil samples I-79-SS-003C through -006C were analyzed for lead. Surface soil samples I-79-SS-007A, I-79-SS-008A, I-79-SS-009, and I-79-SS-010 were analyzed for SVOCs. Surface soil sample I-79-SB-007A and subsurface soil samples I-79-SB-007B and -007C were analyzed for arsenic and radiological parameters. Subsurface soil samples I-79-SB-004B/004C, -005B/005C, and -006B/006C were analyzed for arsenic. Other samples were collected for on-site analyses; these data are not discussed herein.

3.32.3 Nature and Extent of Contamination

The analytical data available in the Picatinny data base are included in Appendix A. Figure 3-65 shows the locations and concentrations where one or more constituent exceeded an SC.

The SVOC benzo(a)pyrene was detected in surface soil samples I-79-SS-001A, I-79-SS-007, I-79-SS-008, I-79-SS-009, and I-79-SS-010A at concentrations greater than the SC (0.2 mg/kg), ranging in concentrations from 0.64 mg/kg to 12 mg/kg. Other SVOCs detected in these surface soil samples at concentrations greater than their respective SC (0.2 mg/kg to 2 mg/kg) include: benz(a)anthracene (SC = 2 mg/kg), at sample locations I-79-SS-001A (10 mg/kg), I-79-SS-008 (2.1 mg/kg), and I-79-SS-010A (4.1 D mg/kg); benzo(b)fluoranthene (SC = 2 mg/kg), at locations I-79-SS-001A (12 mg/kg), I-79-SS-008 (3.3 mg/kg), I-79-SS-009 (2.3 mg/kg), and I-79-SS-010A (6.9 D mg/kg); dibenz(a,h)anthracene (SC = 0.2 mg/kg), at locations I-79-SS-008 (0.39 mg/kg), I-79-SS-009 (0.44 mg/kg), and I-79-SS-010A (1.3 D mg/kg); and indeno(1,2-c,d)pyrene (SC = 2 D mg/kg) at location I-79-SS-010A (3.9 mg/kg). Lead (SC = 800 mg/kg) was detected in one surface soil sample, I-79-SB-002, at a concentration of 1,220 mg/kg. No other constituents were detected at concentrations greater than SC in Site 79 surface soil.

Arsenic (SC = 19 mg/kg) was the only constituent detected in subsurface soil at a concentration greater than the SC at I-79-SB-001 (110 mg/kg).

In groundwater sample I-MW-002, the VOCs bis(2-ethylhexyl)phthalate (SC = 3 ug/L) and methylene chloride (SC = 3 ug/L) were detected at concentrations of 6.7 ug/L and 4.6 ug/L, respectively. Both of these constituents are common laboratory contaminants. The naturally occurring metals iron (SC = 300 ug/L) and manganese (SC = 50 ug/L) were detected at concentrations greater than SC in groundwater samples I-MW15-101, I-MW15-102, I-MW15-103, and I-MW-001. Aluminum (SC = 200 ug/L) was also

detected at concentrations greater than the SC in groundwater samples I-MW15-101 (244 ug/L) and I-MW-001 (3,070 ug/L). Arsenic (SC = 3 ug/L) was detected at concentrations greater than the SC in samples I-MW15-101 (4.51 ug/L) and I-MW15-103 (3.29 ug/L). Lead (SC = 5 ug/L) was detected in two groundwater samples collected from I-MW-001 at concentrations greater than the SC (43.1 ug/L in 1996 and 15.3 ug/L in 2004). Lead was also detected in several groundwater samples from surrounding sites, at concentrations slightly greater than the SC. No other constituents were detected at concentrations greater than SC in Site 79 groundwater.

3.32.4 Summary of Risk Assessments

3.32.4.1 Human Health

An HHRA was completed in 2005 for Site 79 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 79 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Industrial Research Worker: carcinogenic risk number of 4E-05/ noncarcinogenic HI of <1.

- Construction/Excavation Worker: carcinogenic risk number of 5E-06/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.32.4.2 Lead Blood Model Results

The current and reasonably anticipated future use scenarios were reevaluated at this site to reflect current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 312 mg/kg, less than the calculated PRG of 1,092 mg/kg.

- Current Construction Worker (subsurface soil): No concern – lead not selected as COPC in this medium.

3.32.4.3 Ecological

There is limited habitat at Site 79 because the site is predominantly Building 3013 and pavement. There is a small area of maintained lawn, which provides little cover for ecological receptors. Thus, Site 79 was not evaluated in the Phase II ERA.

3.32.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site; and
- Ecological risk is minimal due to limited habitat.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.33 PICA-162/Site 5 – Shell Burial Area near Building 3150

3.33.1 Site History

PICA-162/Site 5 is located west of Building 3150 in the area of an explosion crater caused by the 1926 Lake Denmark explosion. Site 5 is presented on Figure 3-66. Exploded and UXO and most likely building debris from the explosion were deposited in the crater. The 1.5-acre area, under the control of the U.S. Naval Ammunition Depot, continued to be used as an ordnance-dumping area until 1945. The area was then

covered with approximately 20 ft of fill material, fenced, and marked with warning signs. Access to the 3150 burial area is limited. The area is also heavily vegetated, indicating the lack of recent intrusive activities.

During the 1996 site inspection, a slight depression was noted in the western section of the burial area. A mounded area was also noted in the northeastern section, although the site generally sloped to the northeast. Metal debris, including sheet metal and a drum lid, were located in a slightly depressed rocky area along the western perimeter. This debris does not appear to be associated with the original dumping. The rocks in this area appear to be placed, however, and there is no indication of their function. This site is currently inactive.

There are currently no plans for future construction at PICA-162/Site 5. Note that groundwater at this site is included under the Mid-Valley Groundwater action.

3.33.2 Previous Investigations

One well (MW-3) was installed to a depth of 38.3 ft in 1981 as part of the Installations' groundwater monitoring program for known areas of potential contamination.

The 1989 Site Investigation (Dames and Moore 1989) consisted of installing two monitoring wells (DM5-1 and DM5-2) and collecting groundwater samples from all three site monitoring wells. The samples were analyzed for VOCs, components of solid propellants, metals, and explosives.

The first round of the Phase Ill-1A sampling at Site 5 was conducted between November 1998 and July 1999, and the second and third rounds were conducted between December 2000 and February 2001.

The Phase Ill-1A RI sampling program included installation of seven monitoring wells (5MW-4, 5MW-4D, 5MW-5, 5MW-6, 5MW-7, 5MW-8, and 5MW-9), collection of a total of 27 groundwater samples from the monitoring wells installed as part of this investigation, as well as the three previously installed monitoring wells, and collection of one surface soil (location 5MW-4A) and three subsurface soil samples (locations 5MW-4A., 5MW-4B, and 5MW-4D).

3.33.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-67 shows the location and concentrations where one or more constituent exceeded an SC.

No constituents were detected in surface soil samples at concentrations greater than the SC. One SVOC, benzo(a)pyrene (SC = 0.2 mg/kg), was detected at 0.34 mg/kg in a duplicate sample from location L-5-MW-004 at a depth of 4-6 ft bgs.

Two VOCs, methylene chloride (SC = 3 ug/L), a common laboratory contaminant, and PCE (SC = 1 ug/L), were detected in at least one groundwater sample at Site 5. Methylene chloride was detected at three sampling locations with the maximum concentration of 9 ug/L being collected from location L-DM5-2. PCE was detected in samples from four locations with the maximum concentration of 14 ug/L detected at location L-5-MW-004. RDX (SC = 2ug/L) was detected at 48.1 ug/L in a groundwater sample collected from location L-DM5-2 in May 1988; however, it should be noted that RDX was non-detect in samples collected from the same location in April 1988 and February 2001. Cyanide (SC = 100 ug/L) was detected at concentrations greater than the SC in groundwater samples from three locations with the maximum detection of 2400 D ug/L collected at location L-DM5-1; however, most recent data indicates that the results for cyanide in all wells as non-detect. Several naturally occurring metals including aluminum (SC = 200 ug/L), arsenic (SC = 3 ug/L), iron (SC = 300 ug/L), manganese (SC = 50 ug/L), and zinc (SC = 2000 ug/L), were detected at concentrations greater than the SC. The respective maximum concentrations were: 689.99 ug/L (from L-DM5-1), 4.02 ug/L (from L-DM5-2), 5800 ug/L (from L-MW-3), 1800 ug/L (from L-DM5-2), and 5399 ug/L (from L-DM5-2).

Groundwater at this site is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.33.4 Summary of Risk Assessments

3.33.4.1 Human Health

An HHRA was completed in 2005 for Site 5 receptors in the Phase III- 1A RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for

remedial action. The results of the HHRA calculations for carcinogenic risk at Site 5 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/Research Worker: carcinogenic risk number of 9E-06/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 2E-07/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker (groundwater): carcinogenic risk number of 2E-08/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

- Future Adult Resident (soil): carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1.
- Future Child Resident (soil): carcinogenic risk number of 3E-05/ noncarcinogenic HI of 5.
- Future Adult + Child Resident (mixed soil): carcinogenic risk number of 7E-05/noncarcinogenic HI not evaluated.

3.33.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.33.4.3 Ecological

Site 5 was evaluated as part of the Northern Area L assessment in the Phase III BERA. Due to safety issues related to UXO, neither surface nor subsurface samples were collected at Site 5 for the purpose of the ecological evaluation; soil samples collected during the installation of monitoring wells along with soil, sediment, and surface water samples collected from other Sites included in Northern Area L (i.e., Sites 17, 18, 36,

171, and 188) were used. Other lines of evidence included wildlife exposure modeling, small mammal surveys, bird nesting success surveys and rodent sperm analyses.

The food web exposure models indicated that the potential for adverse effects on reproduction in small mammals or birds. However, the predicted effects were not observed in the field, with small mammal surveys and nesting success surveys demonstrating that capture rates and hatching success within Northeastern Area L were comparable to reference areas. Similarly, rodent sperm analyses showed no adverse effects on reproduction parameters. Therefore, the overall weight of evidence indicates that adverse effects, if any, are minimal and not significantly impacting the local populations of small mammals or birds.

Food web modeling indicated potential risks; however, the overall weight of evidence indicated no significant effects on ecological populations.

3.33.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within or less than the generally acceptable risk range for the current and future industrial/research worker and current and future construction worker of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than 1 for the current and future industrial/research and current and future construction workers;
- Lead is not a concern at this site; and
- Ecological risks are expected to be minimal.

For the hypothetical residential use risk scenarios evaluated, risks are within the generally acceptable risk range of 1E-06 to 1E-04, but the HI is greater than 1 for the child resident.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards that exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use. Note that munitions or

explosives of concern (MEC) issues associated with these sites are being handled under the Military Munitions Response Program (MMRP) and later decision documents will address safety issues associated with the sites. In the meantime the proposed action under the IRP will ensure that the site use and site access control does not change.

3.34 PICA-162/Site 6 – Shell Burial Area near Building 3100

3.34.1 Site History

PICA-162 (052)/Site 6 consists of the shell burial area near Building 3100 (PICA-075/Site 36) located west of the building in the area of two explosion craters caused by the 1926 Lake Denmark explosion. Site 6 is approximately two acres in size, and is located approximately 1,800 ft east of the southern outlet of Picatinny Lake. Site 6 is presented on Figure 3-68.

MEC and building debris from the 1926 Lake Denmark explosion were deposited in the craters, and the area was then used as an ordnance dumping area. The 2008 Army Defense Environmental Restoration Program Installation Action Plan states that mines, depth charges, fuses, projectiles, explosives, ammunition, propellants, and possibly rocket fuels had been dumped in the burial area. The area was used as an ordnance dumping area until 1945. The area was then covered with approximately 20 ft of fill material, fenced, and marked with warning signs. Access to the 3100 burial area is limited. The area is also heavily forested, indicating the lack of recent intrusive activities and vegetation control. A sanitary sewer line runs through the middle of the site. Although the date of installation is not known, this line was present in a 1969 plate map. The 1981 Installation Assessment addendum stated that the shell burial areas also contained acids, pickling liquors, cyanide, phenol, and propellants.

Site 6 is currently heavily vegetated with trees and grass. The area is inactive, fenced off and posted with warning signs. There are currently no plans for future construction at this site.

Groundwater flow at Site 6 is generally west, and groundwater at this site is included in the Mid-Valley Groundwater action.

3.34.2 Previous Investigations

Three previous studies have investigated the Site 6 area. A groundwater-monitoring program was initiated in 1981 to assess areas with known groundwater contamination. A site investigation was performed at Site 6 in 1988, and Phase III-1A sampling activities were conducted between November 1998 and July 1999.

One well (MW-5) was installed downgradient of the site and to the west in 1981 as part of a groundwater monitoring program for known areas of potential contamination. As part of the1988 site investigation, three additional groundwater monitoring wells (L-DM6-1, L-DM6-2, and L-DM6-3) were installed. All four wells were sampled for VOCs, components of solid propellants, explosives, and metals.

The Phase Ill-1A sampling activities were conducted from November 1998 through July 1999. This investigation included installation of two monitoring wells (L-6-MW-004 and L-6-MW-004A). One surface soil and two subsurface soil samples were collected during installation of these wells. These soil samples were analyzed for VOCs, SVOCs, explosives, metals, cyanide, and anions. Six groundwater samples were collected during this investigation, one from each of the newly installed wells, and one from each of the previously installed monitoring wells. These groundwater samples were analyzed for VOCs, SVOCs, explosives, metals, cyanide, and anions. In addition, one subsurface soil sample was collected downgradient of the ethylene glycol tank adjacent to building 3100 and analyzed for VOCs, SVOCs, explosives, ethylene glycol, metals, cyanide, and anions. Additional well installation and soil sampling had been identified for the Phase III-1A RI sampling program, but could not be completed due to strict access restrictions and MEC avoidance issues.

Additional groundwater sampling was conducted at some of these wells in 2002 and 2003, as evidenced by data included in the PTA database. The wells were sampled for varying constituents, which included combinations of the following: VOCs, SVOCs, explosives, cyanide, and metals.

3.34.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-69 shows the location and concentrations where one or more constituent exceeded an SC.

In soils, four SVOCs were detected at concentrations greater than their SC. All four constituents were detected at sample location L-6-MW-004D within the 1 to 3 ft interval. Benz(a)anthracene (SC = 2 mg/kg) was detected at a concentration of 2.46 D mg/kg; benzo(a)pyrene (SC = 0.2 mg/kg) was detected at a concentration of 2.35 D mg/kg; benzo(b)fluoranthene (SC = 2 mg/kg) was detected at a concentration of 2.56 D mg/kg; and dibenz(a, h)anthracene (SC = 0.2 mg/kg) was detected at a concentration of 0.38 JD mg/kg. No VOCs, explosives, metals, cyanide, or anions were detected at concentrations that exceeded their respective SC in surface or subsurface soils.

In groundwater, three VOCs (methylene chloride, PCE, and TCE) were detected at concentrations greater than their respective SC. In 1988, four groundwater samples from wells L-6-MW-005, L-DM6-1, L-DM6-2, and L-DM6-3 exhibited methylene chloride concentrations that were greater than the SC (3 ug/L). Subsequent samples collected from these wells at later dates, however, show that concentrations were less than detection limits or less than the SC. Methylene chloride is a common laboratory contaminant, and the concentrations of methylene chloride in all four wells during the 1988 sampling event were almost identical (three samples contained concentrations of 6 ug/L, while one was 5 ug/L). Therefore, it is likely that the methylene chloride concentrations observed in the sample results were due to systemic laboratory contaminant.

PCE was detected in a groundwater sample from monitoring well L-DM6-1 at a concentration of 30.9 ug/L (SC = 1 ug/L) in 1988. Two groundwater samples were collected subsequently (1999 and 2002), and neither sample exceeded the PCE SC. TCE was detected at concentrations greater than its SC (1 ug/L) in samples from four monitoring wells. The maximum detections of TCE at these four wells were: 14.0 ug/L at monitoring well L-6-MW-004, 17.0 ug/L at monitoring well L-6-MW-004D, 2.0 ug/L at monitoring well L-DM6-1, and 6.2 ug/L at monitoring well L-DM6-2. At two of these wells, L-DM6-1 and L-DM6-2, results form more recent sampling events indicate that concentrations no longer exceed SC, but at the other two wells, while concentrations have decreased, they still exceed the TCE SC.

One SVOC, bis(2-ethylhexyl)phthalate, a common laboratory contaminant, was detected in groundwater samples at concentrations above its SC (3 ug/L) : 3.29 J ug/L at L-MW-5, and 7.40 J at L-6-MW-004. Five metals were detected in groundwater samples in concentrations greater than their respective SC. The maximum detections of four of the metals were from groundwater samples collected from monitoring well L-6-MW-004D: aluminum (SC =200 ug/L) was detected at a maximum concentration of 10,900 ug/L, iron (SC =300 ug/L) was detected at a maximum concentration of 7,900

ug/L, lead (SC = 5 ug/L) was detected at a maximum concentration of 11 ug/L, and manganese (SC = 50 ug/L) was detected at a maximum concentration of 200.00 ug/L. The fifth metal, arsenic, was detected at a concentration greater than its SC (3 ug/L) at monitoring well L-6-MW-004 with a concentration of 3.19 J ug/L. No explosives or anions were detected at concentrations that exceeded their respective SC.

Groundwater for PICA-162/Site 6 is addressed through the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.34.4 Summary of Risk Assessments

3.34.4.1 Human Health

An HHRA was completed in 2005 for Site 6 receptors in the Phase III-1A RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 6 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current and Future Industrial Research/Worker: carcinogenic risk number of 1E-04/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 3E-07/ noncarcinogenic HC of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 1E-07/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

- Future Adult Resident (soil): carcinogenic risk number of 3E-04/ noncarcinogenic HI of <1.
- Future Child Resident (soil): carcinogenic risk number of 2E-04/ noncarcinogenic HI of <1.

- Future Adult + Child Resident (soil): carcinogenic risk number of 4E-04/noncarcinogenic HI of <1.

3.34.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.34.4.3 Ecological

Site 6 was evaluated as part of the Northern Area L assessment in the Phase III BERA. Due to safety issues related to UXO, neither surface nor subsurface samples were collected at Site 6 for the purpose of the ecological evaluation; soil samples collected during the installation of monitoring wells along with soil, sediment, and surface water samples collected from other Sites included in Northern Area L (i.e., Sites 17, 18, 36, 171, and 188) were used. Other lines of evidence included wildlife exposure modeling, small mammal surveys, bird nesting success surveys and rodent sperm analyses.

The food web exposure models indicated that the potential for adverse effects on reproduction in small mammals or birds. However, the predicted effects were not observed in the field, with small mammal surveys and nesting success surveys demonstrating that capture rates and hatching success within Northeastern Area L were comparable to reference areas. Similarly, rodent sperm analyses showed no adverse effects on reproduction parameters. Therefore, the overall weight of evidence indicates that adverse effects, if any, are minimal and not significantly impacting the local populations of small mammals or birds.

3.34.4.4 Summary of Risks

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;

- The noncarcinogenic hazard is less than the threshold of 1;

- Lead is not a concern at this site; and

- Ecological risks are expected to be minimal.

For the hypothetical risk scenarios evaluated, risks are greater than the generally acceptable risk range of 1E-06 to 1E-04, and the HI is less than 1.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards that exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

Note that MEC issues associated with this site are being handled under the MMRP and later decision documents will address safety issues associated with the site. In the meantime, the proposed action under the IRP will ensure that the site use and access control does not change.

3.35 PICA-175/Site 115– Building 611, Ammunition Testing Facility

3.35.1 Site History

Building 611 was constructed in 1965 and has been used for the testing of small munitions. Additionally, the building is equipped with a portable X-ray unit and a darkroom for the development of X-ray films. The darkroom is located on the second floor above the work area at the south end of the building. The location of Site 115 is shown on Figure 3-70.

According to an undated transformer inventory, there are three 75-KVA transformers located inside the building. In 1981, the transformers were considered to be PCB transformers. According to the Picatinny transformer database compiled in 1988, the transformers were in fair condition at that time and contained 34 gallons of dielectric fluid.

Building 611 has a RCRA permitted satellite waste accumulation area located inside the building. Materials stored in the area include used spray paint cans, x-ray developer, and fixer. Materials used in the former range area were ammunition.

Although little information exists regarding the testing practices at the range area, interpretation of historic maps and aerial photographs indicates that guns were placed in the area southwest of Building 611 and fired into the slug-butt near Building 61IA.

The slug-butt is still on the hillside in a deteriorated condition. This range area was used from the late 1920s to the 1940s.

Discharge to the environment is limited to the materials that may have been discharged during range operation. Little information exists regarding the operating practices at this range area.

There are currently no plans for future construction at PICA-175/Site 115.

3.35.2 Previous Investigations

Dye tests performed in 1991 indicated that the darkroom sink as well as sanitary wastes discharge to the sanitary sewer system (Foster Wheeler 1991).

During the PA/SI performed in 1996, one surface soil sample 611 SS-A was collected from the former firing area.

The Phase Ill 2A/3A RI sampling activities at Site 115 were performed from October 2000 to May 2001. Sampling program for this site included:

- Installing and surveying one monitoring well (M-115-MW-001);
- Collecting one groundwater sample from the new well;
- Collecting 35 surface soil samples: four of the samples (M-11 5-SS-001 to M-115-SS-004) were collected within the former firing area. These samples were analyzed for baseline explosives, nitrocellulose, nitroguanidine, nitroglycerine, PETN, and TAL metals. Three samples (M-611B-SS-1 to M-611B-SS-3) were collected in the immediate vicinity of the metal plate containing bullet holes and analyzed for depleted uranium. The initial sampling round involved collecting 24 samples from a grid of approximately 75 ft by 100 ft with 20-foot spacing between samples. These samples were analyzed for baseline explosives, nitrocellulose, nitroguanidine, nitroglycerine, PETN, and TAL metals. The second sampling round involved collecting four samples. These samples were only analyzed for copper and lead.
- One subsurface soil sample (L-115-SB-001) was collected from 9.5 to 10.0 ft bgs at the location of surface soil sample M-115-GR-C2. Sample L-115-SB-001 was analyzed for arsenic, lead, and copper.

- Four wipe samples were collected from the front of the 1.5 ft by 1.5 ft metal plate containing bullet holes. These samples were analyzed for gross alpha.

3.35.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-71 shows the location and concentrations where one or more constituent exceeded an SC.

Lead was detected in eight surface soil samples (M-115-GR-B1, M-115-GR-B2, M-115-GR-C2, M-115-GR-C3, M-115-GR-D1, M-115-GR-D2, M-115-GR-D3, and M-115-GR-E2) and one subsurface soil sample (L-115-SB-001) with concentrations greater than the SC (800 mg/kg). Concentrations of lead in surface soil samples ranged from 856 J mg/kg (M-115-GR-B1) to 2,910 JD mg/kg (M-115-GR-C2); the concentration of lead in the subsurface soil sample (L-115-SB-001) was 1,030 J mg/kg. Arsenic (SC = 19 mg/kg) was detected in one surface soil sample, collected at sample location M-115-GR-C2, at a concentration of 22.6 D mg/kg.

The only constituent detected in groundwater at a concentration greater than its SC (200 mg/L) was aluminum, a generally naturally occurring metal, at a concentration of 7,400 J ug/L (M-115-MW-001).

Gross alpha concentrations of the four wipe samples were less than the natural background level for soil as determined during the background study.

3.35.4 Summary of Risk Assessments

3.35.4.1 Human Health

An HHRA was completed in 2005 for Site 115 receptors in the Phase III 2A/3A RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 115 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Industrial/research worker: carcinogenic risk number of 9E-06/ noncarcinogenic HI of <1.

- Current Construction Excavation worker: carcinogenic risk number of 7E-07/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

- Current Adult resident (mixed soil): carcinogenic risk number of 2E-05/ noncarcinogenic HI of 1.

- Current Child resident (mixed soil): carcinogenic risk number of 2E-05/ noncarcinogenic HI of 7.

- Current Adult+Child resident (mixed soil): carcinogenic risk number of 4E-05.

3.35.4.2 Lead Blood Model Results

The current and reasonably anticipated future use scenarios were reevaluated at this site to reflect current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 535 mg/kg, less than the calculated PRG of 1,092 mg/kg.

- Current Construction Worker (subsurface soil): average lead concentration of 1,030 mg/kg, less than the calculated PRG of 1,092 mg/kg.

Additionally, human health risks associated with lead exposures were calculated for use scenarios not reasonably anticipated and are as follows:

- Current Adult Resident (mixed surface and subsurface soil): The average lead concentration is 550 mg/kg, which is less than the calculated PRG or 1,092 mg/kg.

3.35.4.3 Ecological

Site 115 is small and has poor quality habitat (a slope littered with metallic debris and devoid of vegetation). However, several contaminants have been identified that could

pose a risk to wildlife. Given its location adjacent to wooded habitats and headwaters of BSB, an ERA was conducted to evaluate exposures to terrestrial species. This analysis suggested elevated risks to the white-footed mouse and American robin associated with a few inorganic chemicals. However, analysis of the data distribution indicates that elevated concentrations of the primary risk drivers are limited to the slug butt site, which occupies only a small portion of the site. Given the localized nature of the elevated concentrations, the overall impact on local populations would be minimal.

3.35.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-06 to 1E-04;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site; and
- Ecological risks are expected to be minimal.

For the hypothetical residential use risk scenarios evaluated, risks are within the generally acceptable risk range of 1E-06 to 1E-04, but the HI is greater than 1. Lead is not a concern for the hypothetical residential use risk scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios indicate risks and/or hazards that exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

3.36 PICA-175/Site 151 – Building 600 Change House

3.36.1 Site History

PICA-175 (133)/Site 151 consists of Building 600, which is a one-story structure constructed in 1942 as a change house. Site 151 is located near the intersection of 5th Place and 10th Street in the northeastern portion of Area H. The location of Site 151 is shown on Figure 3-72. Change house equipment included laundry, lavatory, and

shower facilities. Because personnel who used these facilities worked with explosives, wastewater from washing operations may have been contaminated with explosive compounds such as HMX, RDX, and Composition B. The explosives-contaminated wastewater was discharged to a dry well (a manhole connected to the storm sewer system) before Building 600 was connected to the sanitary sewer system in the 1960s. Beginning around 1978, Building 600 was used as a training ground for military Special Weapons Assault Team (SWAT) training maneuvers. The training maneuvers involved the use of hand grenades, rockets, and other small-scale explosives. In 1992, Building 600 underwent asbestos abatement and was demolished.

There are currently no plans for future construction at PICA-175 (133)/Site 151.

3.36.2 Previous Investigations

Investigations at Site 151 include Phase II RI sampling activities conducted between December 1995 and October 1996, and follow-up investigations conducted between November 2000 and December 2000.

The initial Phase II RI program for Site 151 included installation of one monitoring well (H-151-MW-001), and collection of three surface soil samples (H-151-SS-1A, H-151-SS-2A, and H-151-MW-001A) and one groundwater sample for off-site analysis of metals, anions, and explosives. Other surface soil samples were collected for on-site analysis. Subsurface soil samples were not collected due to the presence of competent bedrock within 4 ft of the surface. Follow-up investigation included installation of one new groundwater monitoring well and collection of two groundwater samples. The sample collected from H-151-MW-001 was analyzed for lead, while the sample collected from well H-151-MW-002 was analyzed for VOCs, SVOCs, lead, explosives, nitroglycerin, and PETN.

3.36.3 Nature and Extent of Contamination

Data available from the Picatinny database are included in Appendix A. Figure 3-73 shows the locations and concentrations where one or more constituent exceeded an SC.

There were no SC exceedances for any constituents in surface soil.

Lead was detected at concentrations greater than the SC (5 ug/L) in both groundwater samples collected from H-151-MW-001. Lead in H-151-MW-001 was 25.1 ug/L in 1996

and was 14 ug/L in 2000; however, lead was not detected in the filtered sample (i.e., dissolved lead) collected in 2000. No other constituents exceeded SC in Site 151 groundwater samples.

Groundwater at Site 151 is addressed through the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.36.4 Summary of Risk Assessments

3.36.4.1 Human Health

An HHRA was completed in 2005 for Site 151 receptors in the Phase II RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at Site 151 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

- Current Site Worker: carcinogenic risk number of 6E-0-6/ noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.36.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.36.4.3 Ecological

Due to the small size of this site and low on-site habitat value (majority of the site is asphalt pavement), and continued use of the site as debris storage area, Site 151 was not evaluated in the phase II ERA.

3.36.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use:

- The carcinogenic risk is less than the generally acceptable range of 1E-04 and 1E-06;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site; and
- Ecological risks are not a concern at this site.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.37 PICA-175/Site 152 - Building 604 and 604C, Ordnance Facilities

3.37.1 Site History

PICA-175 (178)/Site 152 is located in the southern end of Area M and consists of Buildings 604 and 604C. The site layout is shown in Figure 3-74. Building 604 was originally constructed (1928) as a fragmentation tub house. In 1943, the building was converted for use as a physical testing facility. The building is reportedly used as a physical testing/inert storage facility. Materials used in the building include hydraulic fluid, mine grenades, fuzes, calcium carbide, propellants, and small arms ammunition. According to a 1967 Safety Office inspection, the building was used for conditioning tests on completed ordnance. These tests consisted of holding ordnance at reduced temperatures for extended periods of time. The building's explosives allowance was temporarily rescinded in 1967 because of non-compliance of the conditioning boxes with army protocol. A 1968 Safety Office inspection indicates that the explosives allowance had been reinstated and the conditioning tests resumed at that time.

According to a 1977 SOP, the area south of Building 604 was used for the firing of hand grenade fuzes. According to a 1985 Safety Office inspection report, the building was used for truck vibration fuse functioning tests conducted on projectiles, grenades, and fuzes. According to the ANL RI concept plan, drums were washed out south of the building. According to a 1993 memorandum, the explosives allowance in Building 604 was increased to 50 pounds in order to conduct center of gravity and moment of inertia tests on foreign rounds and missile warheads. This memorandum indicated that the tests had been going on since 1991. According to a 1991 memorandum, the building was used concurrently for the installation of fuzes onto projectiles for rail gun testing. There is no storage of energetic materials in the building at this time.

Building 604C was constructed in 1928 as an ammunition tear-down facility. In 1942, an addition to the west end of the building was made to house a saw room and a control for sectioning operations. Two USTs (T1 and T2) were formerly located on the south side of Building 604C. Tank T1 was stainless steel and had a capacity of 500 gallons. Tank T2 was also steel construction with a capacity of 2500 gallons. The tanks were installed in late 1979 and were first used for the collection of red water from the sectioning saw in April 1980. Neither of the tanks were equipped with corrosion protection or leak detection .Weston removed these tanks in spring 1991. Currently, the red water is discharged through a pipe into a plastic aboveground tank inside a hazardous materials cabinet, both the piping and the AST are equipped with secondary containment. In 1958, a milling machine room was added, bringing building 604C to its present size. The building has been used for same purpose since its construction. According to the Argonne RI concept plan (1991), solvents, explosive-contaminated parts, and empty paint cans were stored outside of Building 604C. Additionally, the Argonne RI Concept Plan indicated that drums were washed outside of the building.

There are currently no plans for future construction at PICA-175 (178)/Site 152.

3.37.2 Previous Investigations

Site 152, Building 604

Three investigations were conducted at this site: 1991 Foster Wheeler Discharge Investigation; 1996 PA/SI and Phase III 2A/3A RI.

According to the 1991 Discharge Investigation, the building generates no wastewater. The stormwater and steam condensate are discharged directly onto the ground.

During the PA/SI, two surface soil samples were collected from the area of Building 604 to investigate potential contaminated areas. One surface soil was collected beneath the location of the former discharge pipe of the temperature conditioning cabinet on the south of the building. The second sample was collected adjacent to the front door on the north side of the building to evaluate potential explosives contamination.

During the RI, five surface samples were collected to assess the potential for explosives contamination in this building.

Site 152, Building 604C

A radiation survey was conducted in 1962 to assess the radiation levels in the building during operation of the X-ray unit. According to this survey, the building was equipped with a 140 kilovolt (kV) X-ray (electrically powered) unit at that time. According to a 1976 Picatinny Safety Office Memorandum, sights from a LAW rocket launcher were broken inside Building 604C. The memorandum indicated that after the sights were broken, they were buried outside the building; however, the burial location is not specified. Shortly thereafter, the incident was reported to the Picatinny Radiation Protection Office (RPO) and the sights were dug up and properly disposed. The sights contained Promethium 147 microspheres, which contained 3 millicuries (mCi) per sight. The memorandum does not indicate how many sights were involved in this incident. Upon surveying the building interior, the Picatinny RPO found two contaminated spots. These areas were decontaminated through cleaning and sanding. The Phase III 2A/3A RI Report (Vol. 3 Area M Sites) indicated that while an additional beta-emitter survey was recommended in the PA/SI, it was determined that this survey would not be worthwhile due to the short half-life of beta-emitters. Therefore, no further investigation was recommended.

Asbestos abatement was conducted on a single pipe fitting on the exterior of the building in 1991. The asbestos removal was carried out as a portion of the tank removal performed by Weston.

During the removal of the red-water tanks in 1991, five surface soil samples were collected from the area of the tanks and from the bottom of the excavation. The samples were analyzed for VOCs, SVOCs, metals, and nitrates. No evidence of leaking was observed after the tank removals.

During the PA/SI conducted in 1996, three surface soil samples and one surface water/sediment sample were collected during the site inspection to investigate potential areas of contamination. One surface soil sample (604CSS-A) was collected in front of the sectioning saw room, the other two surface soil samples were collected downgradient of the building - one to the west (604CSS-B) and the other to the south (604CSS-C). Surface water/sediment samples were collected from BSB downstream from the building.

3.37.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A. Figure 3-75 shows the location and concentrations where one or more constituent exceeded an SC.

In surface soils, one constituent, 2,4-DNT, exceeded the SC (4.2 mg/kg) at sample location M-604-SS-B during the 1996 sampling event. Samples were collected around this location (M-152-SS-002 and M-152-SS-003) during a 2000 sampling event, and no SC were exceeded. There were no other detections of constituents greater than SC in surface or subsurface soil samples at Site 152.

Thirteen SVOCs were detected at concentrations greater than SC in the sediment sample collected at location M-B-SB-SD-29, 0-1 ft bgs; 0.11 J mg/kg acenaphthene (SC = 0.00671 mg/kg), 0.25 J mg/kg anthracene (SC = 0.03162 mg/kg), 0.25 J mg/kg benz(a)anthracene (SC = 0.0317 mg/kg), 0.41 J mg/kg benzo(a)pyrene (SC = 0.0319 mg/kg), 0.51 mg/kg benzo(b)fluoranthene (SC = 0.0272 mg/kg), 0.22 J mg/kg benzo(k)fluoranthene (SC = 0.0272 mg/kg), 0.56 mg/kg chrysene (SC = 0.0571 mg/kg), 1.16 mg/kg fluoranthene (SC = 0.06423 mg/kg), 0.10 J mg/kg fluorene (SC = 0.0212 mg/kg), 0.19 J mg/kg indeno(1,2,3-c,d)pyrene (SC = 0.078 mg/kg), 0.09 J mg/kg naphthalene (SC = 0.03275 mg/kg), 1.01 mg/kg phenanthrene (SC = 0.0419 mg/kg), and 1.05 J mg/kg pyrene (SC = 0.053 mg/kg). Ten pesticides were detected in at least one sediment sample at Site 152. Concentrations of 0.01 NJ mg/kg 4,4'-DDT (SC = 0.00119 mg/kg), 0.34 NJ mg/kg aldrin (SC = 0.002 mg/kg), 0.81 NJ mg/kg alpha-BHC (SC = 0.00094 mg/kg), 0.71 NJ mg/kg beta-BHC (SC = 0.00094 mg/kg), 0.12 NJ mg/kg endrin (SC = 0.00267 mg/kg), 0.01 NJ mg/kg endrin aldehyde (SC = 0.00267 mg/kg), 0.81 NJ mg/kg gamma-Chlordane (SC = 0.0003 mg/kg), and 0.02 NJ mg/kg heptachlor (SC = 0.0006 mg/kg), were detected at sample location M-B-SB-SD-29, 0-1 ft bgs. Concentrations of 0.4 NJ mg/kg 4,4'-DDE (SC = 0.00142 mg/kg), 0.44 NJ mg/kg 4,4'-DDT (SC = 0.00119 mg/kg), 0.65 NJ mg/kg alpha-BHC (SC = 0.00094 mg/kg), 0.13 NJ delta-BHC (SC = 0.00094 mg/kg), and 0.01 NJ mg/kg heptachlor (SC

= 0.00060 mg/kg) were detected at sediment sample location M-B-SB-SD-28, 0-1 ft bgs. The dioxin 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin (SC = 0.000085 mg/kg) was also detected at M-B-SB-SD-28, at a concentration of 0.01 J mg/kg. Concentrations of 40.4 J mg/kg copper (SC = 28 mg/kg), 63.1 J mg/kg lead (SC = 38.8 mg/kg), and 175 J mg/kg zinc (SC = 171 mg/kg) were detected at M-B-SB-SD-29. Concentrations of 2.29 mg/kg cadmium (SC = 1.70 mg/kg), 30.4 mg/kg copper, and 81.7 J mg/kg lead were detected at M-B-SB-SD-28.

Concentrations of 210 ug/L aluminum (SC = 190 ug/L) and 5.2 ug/L lead (SC = 3.2 ug/L) were detected in a surface water sample collected at location M-B-SB-SW-28.

Surface water and sediment at Site 152 have been evaluated, and the remedy selection can be found in the Final ROD, GPB/BSB, December 2004.

3.37.4 Summary of Risk Assessments

3.37.4.1 Human Health

As all Phase Ill 2A/3A RI media samples collected and analyzed for Site 152 did not document any constituent concentrations above analytical detection limits, no COPCs were selected, and no risks or hazards were quantified.

3.37.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.37.4.3 Ecological

No chemicals were detected in soil during the Phase III RI; thus, no COPCs were selected for soil at Site 152. Sediment collected from BSB indicated copper, cadmium, and zinc above their SC. This area of BSB was addressed in the GPB/BSB ROD. No further ERA was recommended for Site 152 in the SLERA report.

3.37.4.4 Summary of Risks and Hazards

There were no risk assessments performed for this site, therefore:

- The carcinogenic risk and noncarcinogenic HIs were not quantified;

- Lead is not a concern at this site; and
- Ecological risks are not a concern at this site.

Because risks were not evaluated for reasonably anticipated land use or hypothetical residential use and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.38 PICA-175/Site 153 - Building 606, Electronics Lab and Storage Building

3.38.1 Site History

PICA-175 (179)/Site 153 consists of Building 606, which was constructed in 1960 as an electronics lab and explosives testing support facility. The site is located in the southwestern portion of Area M at the intersection of Greenberg and James Roads. The location of Site 153 is shown on Figure 3-76. The last known functions of Building 606 were as an electronics lab and storage building. The building was categorized as a research and development testing facility from 1960 to 1982, and as an ordnance facility since 1982. Charges were tested from 1960 until 1982 at an outdoor explosives test bay on the building's west side. Building 606 was equipped with a slingshot low-velocity-impact test machine. The machine was used to record low velocity impacts of detonators and tetryl leads. The building was also equipped with an x-ray flash unit that was used to obtain x-ray photographs of impact, ablation, and fuse arming. Equipment formerly tested at the building included mines, grenades, projectiles, detonators and fuses. Materials used in the building included Freon, compressed gasses, x-ray developer, x-ray fixer, and chlordane. Building 606 reportedly has a RCRA permitted satellite waste accumulation area for generation of x-ray developer in quantities of 30 gallons per year, and rinse water in quantities of 150 gallons per year generated from a darkroom on the building's west side. Prior to the late 1980s, rinse water from the x-ray developing process was rinsed down a sink that discharged directly to the ground on the building's west side.

According to the PTA transformer database, there were three 15 KVA transformers (pole-mounted) at the facility in 1989. The PCB content of these transformers is unknown. Additionally, no information was available to detail if any investigation or removal/replacement activities have been conducted relative to these transformers.

Building 606 is equipped with two underground water storage tanks. The tanks were used for the storage water that was trucked in until 1966 when the building was

connected to water service. Available information does not indicate that these tanks have ever been used for any materials other than water.

There are currently no plans for future construction at PICA-175 (179)/Site 153.

3.38.2 Previous Investigations

According to the 1991 investigation report (Foster Wheeler), the building roof drains directly to the parking lot. The sink on the building's south side was dye tested in 1991 and indicated that the sink discharge goes to the ground. It was unclear, however, in this report if the discharge was on the south side or the west side because the report indicated both locations. Further clarification was not provided.

In 1992, a UXO clearance was performed on the north and west side of the building for the purposes of installing surface water drainage swales. No UXO was found as a result of this survey.

Four surface soil samples (M-153-606SS-A through M-153-606SS-D) were collected during the 1991 Phase III PA/SI conducted to assess potential areas of contamination related to ordnance testing. These samples were analyzed for SVOCs, pesticides, inorganics, anions, and explosives.

3.38.3 Nature and Extent of Contamination

Data were not available from the Picatinny database for Site 153, however the administrative record was reviewed for pertinent data. Figure 3-77 shows the locations where constituent concentrations exceeded the SC.

In surface soils, pesticides alpha-chlordane (SC = 1 mg/kg), gamma-chlordane (SC = 1 mg/kg), dieldrin (SC = 0.2 mg/kg), heptachlor (SC = 0.7 mg/kg), and heptachlor epoxide (SC = 0.3 mg/kg) were detected in sample M-153-606SS-B at respective concentrations of 26 mg/kg, 19 mg/kg, 1.6 mg/kg 1.1 mg/kg, and 1.6 mg/kg, which are concentrations that are greater than SC. This sample was collected from soil beneath the reported location of the dark room sink discharge pipe on the western side of Building 606. No other constituents were detected at concentrations greater than SC.

3.38.4 Summary of Risk Assessments

3.38.4.1 Human Health

An HHRA was not performed for Site 153 because of the limited contamination at the site. The Site 153 data were compared to USEPA Regional Screening Levels; however, and that comparison indicated that there were samples that exceeded the USEPA Residential RSL for chromium and heptachlor epoxide in soil (Table 3-2).

3.38.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.38.4.3 Ecological

No ERA was performed for Site 153 due to the limited contamination, small size and the level of industrialization of the site.

3.38.4.4 Summary of Risks and Hazards

There were no risk assessments performed for this site, therefore:

- The carcinogenic risk and noncarcinogenic HIs were not quantified;
- Lead is not a concern at this site; and
- Ecological risks are not a concern at this site.

Because risks were not evaluated for reasonably anticipated land use or hypothetical residential use and concentrations of some constituents exceed residential screening criteria (Table 3-2), this site cannot be released for unrestricted use.

3.39 PICA-175/Site 154 – Buildings 617 and 617G, Field Office and Disassembly Facility

3.39.1 Site History

PICA-175 (180)/Site 154 occupies approximately 0.5 acres near the intersection of 20th Avenue and 20th Circle in the southern portion of Area M and consists of

Buildings 617 and 617G. The layout of Site 154 is shown on Figure 3-78. The Site 154 buildings were constructed in 1928. Building 617 was originally constructed as a gun building that shot into the slug-butt behind Building 611. The building was also used as a testing and loading facility for the gun test range. This use continued until the late 1950s. From the 1960s until the late 1970s, the building was used as a general ordnance facility and environmental testing facility. The building has also been used as an office. Materials used in the building during its tenure as an ammunition assembly house (shell cleaning, assembly, photography, and office and storage use) include acetone and potentially other cleaning solvents. As an environmental test facility, materials used would have been limited to small amounts of lubricating fluids and assembled ordnance components. Depleted uranium penetrators were stored in the building during its use as an office facility.

Building 617G was constructed as a gun and powder shed and was also used for storage and minor maintenance and repair of howitzers tested in the Building 611 range area. This use continued until the 1950s, after which time the building was used for machining ferrous and non-ferrous metals. The building was used to fabricate, modify, and repair small tools, metal parts, and sometimes machining loaded ammunition, and operations also included grinding, painting, assembly, calibration, and testing of machined materials. Explosions have occurred in the building, most notably in May 1964 and October 1993, but no opportunity for environmental contamination is thought to be associated with the incidents. Materials used in the building included fuzes, grenades, mines, and projectiles. Trichloroethane was also used for cleaning parts. Building 617G is noted as being equipped with a RCRA permitted satellite waste accumulation area, in which small quantities of aerosol paint cans, oils, and oily rags have been stored. It is not known whether this area continues to be a RCRA permitted satellite waste accumulation area. According to a radiation survey, Building 617G was also used for disassembling DU containing projectiles.

There are currently no plans for future construction at PICA-175 (180)/Site 154.

3.39.2 Previous Investigations

Site 154, Building 617, Administration Building

A radiological survey conducted in Building 617 indicates that the building contained DU penetrators in 1982. These penetrators were stored in a file cabinet inside the building. During this survey, radiation levels were measured to determine that the penetrators were being stored safely. In 1985, a radiological survey meter was turned

in because it was no longer being used. No data was located for this investigation and no further investigation was conducted.

The 1991 Foster Wheeler Discharge Investigation Report indicates the discharge from one sink in the building was routed to a cement stormwater trough on the southeast side of the building. All other facilities in the building discharged to the septic tank. Stormwater from the building roof discharged to a concrete trough and then to the ground.

During the PA/SI performed in 1996, three surface soil samples (M-154-617SS-A, -B, and -C) were collected during the SI to investigate the sink discharge to the stormwater collection system and potential undocumented spills of solvent, oil, or explosives. Samples were analyzed for VOCs, SVOCs, pesticides, PCBs, explosives, metals, and anions.

Site 154—Building 617G, Disassembly Facility and Machine Shop

According to a radiation area survey, Building 617G was used in 1978 for the disassembly of projectiles equipped with DU cones, but no measurable contamination was present after the disassembly in the building.

According to the 1991 Foster Wheeler Discharge Investigation, stormwater from the roof of the building is discharged to the parking lot on the building's northwest side. The report does not discuss any other water discharges.

As part of the PA/SI conducted in 1996, two surface soil samples (M-154-617GSS-A and M-154-617GSS-B) were collected from the building's northwest and southeast side's during the SI and analyzed for VOCs, SVOCs, pesticides, PCBs, explosives, metals, and anions.

3.39.3 Nature and Extent of Contamination

Data were not available from the Picatinny database; however the administrative record was reviewed for pertinent data. No SC were exceeded in any of the surface soil samples collected at Site 154. Historical sample locations are shown on Figure 3-79. The historical data were also compared to residential NJDEP SRS and USEPA RSLs as well as background concentrations for Picatinny Arsenal, and there were no exceedances of the background concentrations or SRS; therefore, this site qualifies for NFA.

3.39.4 Summary of Risk Assessments

3.39.4.1 Human Health

An HHRA was not performed for Site 154, as contaminants were not detected at concentrations greater than SC.

3.39.4.2 Lead Blood Model Results

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at this site.

3.39.4.3 Ecological

No ERA was performed at Site 154 due to lack of contamination identified at the site.

3.39.4.4 Summary of Risks and Hazards

Human health and ecological risk assessments were not conducted due to the low concentrations of potential contaminants at Site 154. The historical data were compared to the NJDEP Residential SRS and the USEPA RSLs (Tables 3-3 and 3-4), and there were no exceedances. Therefore, this site qualifies for NFA.

3.40 PICA-200/Site 200 – Area L Other Buildings

3.40.1 Site History

PICA-200/Site 200 consists of 13 building, 6 of which are discussed in this FS. PICA-200/Site 200 DSERTS is composed of six individual buildings within Area L, including Buildings 1030, 1037, 1038, 1090, 1414, and 1437. The buildings of Site 200 are shown on Figures 3-80, 3-82, 3-84, 3-86, and 3-88.

<u>Building 1030, Acid Tank Farm</u>

Building 1030 may have been constructed in 1949 (as indicated on 1949 engineering drawings), however, the actual date of construction is unknown. The building's construction consisted of steel tanks on concrete piers, a wood platform, and a 10 ft by 15 ft wood frame building. Originally, the building consisted of five ASTs and a scale tank with its own housing for weighing acid located within the building. In 1953, an

aluminum tank was added. The cumulative storage capacity of the tanks was 200,800 pounds of acid. The area beneath the tanks was covered with gravel and had a 6-inch high berm for secondary containment. Building 1030 has been inactive since the 1980s.

There are currently plans for future construction of a Nano Technology Facility adjacent to Building 1090 at PICA-200/Site 200.

Building 1037, Waste Water Incinerator

Building 1037 is located off of Robinson Rd in the 1000 and 1300 area enclosures. The 20 ft x 35 ft four story building has concrete and metal grating floors. This building was constructed in 1957. This operated as a vertical draft incinerator, and then was converted in the early 1970s to a fluidized bed incinerator. The building has been inactive since 1977. The building was listed on building demolition lists in 1986 and 1987, and was scheduled to be flashed in 1987.

Building 1038, Solvent Storage Facility

Building 1038 was constructed in 1956. This building had two ASTs of 1,000 gal and 1,200 gal capacities. The building functioned as a solvent storage facility until approximately the mid-1970s. The building was then refurbished in the late 1970s to provide toluene for a TNT manufacturing line for building 1031. However, a fire in building 1029 destroyed the TNT remote control system. Prior to the fire, the TNT remote control system had only been operated with water as part of function testing of the system.

Building 1090, Assembly and Packaging Building

Building 1090 was constructed in 1948 as a screening and packing facility as part of the haleite (ethylenedinitramine high explosives) plant. The building was then modified (exact date unknown) to function as an assembly and packing facility for a variety of ordnance. Building 1090 continued operating in this capacity until it ceased operations in the early 1970s. The southern end of building 1090 then reopened in the late 1970s to house a shell X-ray Automatic Inspection Device for Explosive Charge in Shell system (AIDECS) using a sealed Cobalt-60 source encased in lead. The AIDECS was active from 1980 to 1982. The building has been inactive since 1982.

Building 1414, Propellant Dry House

Building 1414 was constructed in 1948 as a propellant dry house. The process of drying propellant involves placing trays of propellant in the building's main room and forcing warmed into the building from the fan house. Drying propellant in this manner would cause nitroglycerin to condense on the interior of the building. The building was equipped with a catch pan to collect the condensate. Equipment at the dry house was rinsed with soap, water, and acetone to remove the nitroglycerin condensate.

Building 1437, Cast Propellant Powder Plant

Building 1437 was built in 1956 as a cast propellant plant. The buildings walls and roof are constructed of corrugated asbestos. This building is located in the triple base propellant manufacturing and processing area of the arsenal. Triple based propellants consist of nitrocellulose, nitroguanidine, and nitroglycerin. The building functioned as a cast propellant plant from its construction until the late 1970s. It was then relocated in the early 1980s and subsequently used as a pulverizing facility for oxidizing ingredients (chlorates and perchlorates) used in the manufacture of triple based propellants. This building ceased operation in 1985.

3.40.2 Previous Investigations

The PICA-200 Buildings were included as part of the 1996 PA/SI for VOCs, SVOCs, pesticides, PCBs, explosives, metals and anion analysis in soil. Based upon the results of the PA/SI, a subsequent Phase III 2A/3A RI was conducted. The extent of contamination at the site has been delineated by the previous sampling events, and no additional sampling has been proposed.

3.40.3 Nature and Extent

Data available from the Picatinny Database are included in Appendix A.

Building 1037

Figure 3-81 shows the locations associated with Building 1037, and concentrations where one or more constituent exceeded an SC.

Building 1037

In surface soils, only one constituent exceeded its SC. Octachlorodibenzodioxin, with an SC of= 0.061 mg/kg was detected at a concentration of 0.18 J mg/kg. No other constituents exceeded SC in surface soils.

In surface water sample location L-161-SW-5, TCE with an SC of= 1 ug/L, did not exceed the SC in either sampling of 2001, but was detected with a concentration of 1.3 ug/L in November 2003. No other constituents exceeded SC in surface water samples.

In groundwater, TCE (SC = 1 ug/L) was detected in sample locations L-161-MW-4A and L-161-MD-4B. At L-161-MW-4A, TCE was detected at a concentration of 5.6 ug/L in 2002 and 6 ug/L in 2003. At L-161-MW-4B, TCE was detected at a concentration of 21 ug/L in 2002, 16 ug/L in 2003, 10.6 ug/L in February 2008, and 9.05 ug/L in September 2008. Iron (SC = 300 ug/L) was detected at a concentration of 11,000 ug/L at sample location L-161-MW-4A.

Buildings 1030 and 1038

Figure 3-83 shows the locations associated with Buildings 1030 and 1038, and concentrations where one or more constituent exceeded an SC.

In surface soils, arsenic exceeded its SC of= 19 mg/kg in sample locations L-B1030-SS-1 and L-B1030-SS-3 with respective concentrations of 56.1 mg/kg and 62.6 mg/kg.

TCE was the only constituent to exceed its SC of= 1 ug/L in the piezometer surface water sample (L-PZ-01). TCE was detected at 2.9 ug/L in 2001 and 29 ug/L in 2004. No other constituents exceeded SC in surface water samples.

In groundwater, TCE (SC = 1 ug/L) was detected at L-B1038-MW-1, L-B1038-MW-2, L-B1038-MW-3, and L-B1038-MW-4 with maximum concentrations of 89 D ug/L (in 2001), 68 D ug/L (in 2003 and 2004), 45.9 ug/L (in 2008), and 30 ug/L (in 2004) at respective sampling locations. The VOC PCE (SC = 1 ug/L) was detected at location L-B1038-MW-1 with a concentration of 1.13 ug/L in February 2008. Metals aluminum (SC = 200 ug/L) , iron (SC = 300 ug/L), and manganese (SC = 50 ug/L) were also detected at location L-B1038-MW-1 at concentrations 3600 J ug/L, 6400 J ug/L, and 140 J ug/L which exceed their respective SC.

Building 1090

Figure 3-85 shows the locations associated with Building 1090, and concentrations where one or more constituent exceeded an SC.

There were no constituents that exceeded their SC in surface or subsurface soil, sediment, or surface water sampling locations.

In groundwater, the explosive RDX (SC = 2 ug/L) was detected at L-B1090-MW-1 with concentrations of 16 D ug/L in 2001, 11 D ug/L in 2002, 38 D ug/L in 2003, and 19.6 ug/L in 2008. At L-B1090-MW-2, VOCs 1,2-Dichloroethane (SC = 2 ug/L), benzene (SC = 1 ug/L), and TCE (SC = 1 ug/L) were detected at concentrations greater than their SC. All three had maximum values in 2004, with concentrations of 2.3 ug/L, 3.8 ug/L, and 15 ug/L respectively. At L-148-MW-5B, the TCE was detected, at a concentration of 1.1 ug/L. The explosive RDX was also detected at this location with a maximum concentration of 42 D ug/L in 2003.

Building 1414

Figure 3-87 shows the locations associated with Building 1414, and concentrations where one or more constituent exceeded an SC.

In surface soils, benzo(a)pyrene (SC = 0.2 mg/kg) was detected at a concentration greater than its SC at three sampling locations. Benzo(a)pyrene was detected at a concentration of 0.3 J mg/kg at location L-1414A-SS-B (0-1 ft bgs), 0.22 J mg/kg at location L-B1414A-SS-2 (0-1 ft bgs), and 0.33 J mg/kg at location L-B1414A-SS-4 (1-2 ft bgs). No other constituents exceeded SC in surface soil samples.

Building 1437

Figure 3-89 shows the locations associated with Building 1437, and concentrations where one or more constituent exceeded an SC.

In groundwater, metals aluminum (SC = 200 ug/L) and iron (SC = 300 ug/L) exceeded SC at sample location L-B1437-MW-1 with concentrations of 1,600 ug/L and 1,300 ug/L, respectively.

Groundwater at PICA-200/Site 200 is addressed in the Mid-Valley Groundwater FS (ARCADIS 2009b).

3.40.4 Summary of Risk Assessments

3.40.4.1 Human Health

An HHRA was completed in 2005 for PICA-200 receptors in the Phase III 2A/3A RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at PICA-200 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

Building 1030

- Current and Future Industrial/Research Worker: carcinogenic risk number of 1E-05/ noncarcinogenic HI of <1.

- Current and Future Construction Excavation Worker: carcinogenic risk number of 2E-07/ noncarcinogenic HI of <1.

Building 1037

No COPCs were selected for industrial use; therefore no HHRA was calculated for anticipated use scenarios.

Building 1038

- Current and Future Construction/Excavation Worker: carcinogenic risk number of 3E-07/ noncarcinogenic HI of <1.

Building 1090

- Current and Future Construction/Excavation Worker: carcinogenic risk number of 3E-10/ noncarcinogenic HI of <1.

Buildings 1414, 1414A, and 1415

No COPCs were selected for industrial use; therefore, no HHRA was calculated for anticipated use scenarios.

Building 1437

- Current and Future Construction/Excavation Worker: noncarcinogenic HI of <1. No carcinogenic hazards were identified.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

Building 1030

- Current and Future On-site Youth Visitor (sediment): carcinogenic risk number of 1E-05/ noncarcinogenic HI of <1.
- Future Adult Resident (subsurface soil): carcinogenic risk number of 3E-05/ noncarcinogenic HI of <1.
- Future Child Resident (subsurface soil): carcinogenic risk number of 3E-05/ noncarcinogenic HI of <!.
- Future Adult + Child Resident (subsurface soil): carcinogenic risk number of 6E-05./noncarcinogenic HI not evaluated.

Building 1037

- Future Adult Resident (mixed soil): carcinogenic risk number of 1E-06/ noncarcinogenic HI of <1.
- Future Child Resident (mixed soil): carcinogenic risk number of 1E-06/ noncarcinogenic HI of <1.
- Future Adult + Child Resident (mixed soil): carcinogenic risk number of 2E-06.

Buildings 1414, 1414A, and 1415

- Future Adult Resident (mixed soil): carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

- Future Child Resident (mixed soil): carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

- Future Adult + Child Resident (mixed soil): carcinogenic risk number of 4E-05.

Building 1437

- Future Adult Resident (subsurface soil): noncarcinogenic HI of <1.

- Future Child Resident (subsurface soil): noncarcinogenic HI of <1.

3.40.4.2 Ecological

Site 200, Former Building 1030

Elevated arsenic levels (maximum 62.6 mg/kg) were found in soil/sediment to the northeast of Building 1030 and near Robinson Run. Due to the potential for exposure of aquatic organisms to contaminants from the acid tank farm, the potential for exposure of terrestrial organisms to the elevated arsenic levels in soil or sediment, this area was evaluated as part of the Area L ecological risk investigation. Food chain modeling results for Area L indicated limited potential risks, however, field studies showed no evidence of impact on local populations. Based on the overall weight of evidence, it was concluded that there were no significant effects on the local ecological populations.

Site 200, Former Building 1037

All metals and explosives detected in soil samples from the area surrounding Building 1037 were at low levels, well below their SC. Sufficient habitat exists in the vicinity of Building 1037 that could be used by wildlife. However, concentrations measured in soil are relatively low and combined with the small size of the site do not pose a significant threat to ecological receptors. Therefore, no ERA was recommended for terrestrial exposures. A small trench beneath the building drained to a small ditched that eventually discharged to Robinson Run. Potential risks associated with this ditch were evaluated as part of Robinson Run. Based on the multimetric approach (New Jersey Impairment Score [NJIS]) benthic communities in Robinson Run were determined to not be at significant risk. Based on these data, ecological risks associated with Building 1037 were determined to be minimal.

Site 200, Former Building 1038

Soil samples were collected below the tanks and manifold gutter and adjacent to the solvent pumps on the west side of the tank area in order to address any potential contamination from spills or leaks. No exceedances were reported. Though the wooded and shrubby habitat in the vicinity of the solvent storage facility is suitable for wildlife, no significant exposure to contaminants is expected. Groundwater exposures are unlikely and soil did not contain elevated levels of contaminants; therefore, no ERA was recommended for Building 1038.

Site 200, Former Building 1090

Though there is wooded and shrubby habitat in the vicinity of Building 1090 that is suitable for wildlife, no significant exposure to contaminants is expected. Groundwater exposures are unlikely and soil did not contain elevated levels of contaminants. No ERA is recommended for Building 1090.

Site 200, Former Building 1414

Soil samples were collected in areas where there were potential releases from the building, spills during transport into or out of the building, and releases from outdoor process areas. Lead was found elevated in one sample (1090 mg/kg) and arsenic was found slightly elevated in another sample (22.2 mg/kg) during the preliminary assessment/site investigation in 1996. Explosives were not detected above their reporting limits. Subsequent sampling during the Phase Ill 2A/3A investigations to delineate the arsenic and lead contamination did not find any elevated levels. The lead and arsenic exceedances identified earlier are suspected to have been relocated or removed during the subsequent demolition of Building 1414 and the regrading of the area. Since no contamination was found in the soils in relation to Building 1414, no ERA is recommended for this site.

Site 200, Former Building 1414A

Soil samples were collected near the building and in the surface water drainage near the storm runoff discharge point. Several PAHs were detected in the surface water drainage feature, but at relatively low levels. Though wooded and shrubby habitat exists near Former Building 1414A, significant exposure by wildlife is unlikely due to the low levels of PAHs detected. Therefore, no ERA was recommended.

Site 200, Former Building 1415

Soil samples were collected in areas where there were potential releases from the building and spills during transport into or out of the building. The only explosive detected was nitrocellulose at a concentration of 790 mg/kg. There is no SC for nitrocellulose; however, it has been evaluated to have little toxicity for most aquatic species and is virtually non-toxic to humans and mammals. Since no contamination was found in the soils in relation to Building 1415, no ERA was recommended for this site.

Site 200, Former Building 1437

During the PA/SI, one sample collected beneath the trough system on the north side of Building 1437 contained a lead concentration of 5,030 mg/kg. Subsequent sampling during the Phase III 2A/3A investigations found no evidence of lead contamination present at the site and no explosives were detected above their reporting limits. Due to the lack of contamination in the soil at Building 1437, no ERA is warranted.

3.40.4.3 Lead Blood Models

The lead blood model was not calculated as part of the 2005 RI Report as lead was not identified as a COPC at any of the above sites.

3.40.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is less than the generally acceptable risk range of 1E-04 to 1E-06;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site; and
- Ecological risks are not a concern at this site.

For the hypothetical residential use risk scenarios evaluated, risks are within the generally acceptable risk range of 1E-06 to 1E-04, and the HI is less than 1 for

Buildings 1030, 1037, 1414, 1414A, and 1415, and 1437. Hypothetical residential use risk scenarios were not evaluated at the remaining buildings, 1038 and 1090.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios were not conducted at all of the buildings and some contaminants are present at concentrations that exceed residential criteria, this site cannot be released for unrestricted use.

3.41 PICA-209/Site 209 –Building 167, Locomotive Area, Building 430

3.41.1 Site History

PICA-209/Site 209 DSERTS is composed of five individual buildings within Area F, including Buildings 167, 303, 426, 430, and 462A. The buildings of Site 209 are shown on Figures 3-90, 3-92, 3-94, 3-96, and 3-98.

Building 167, Explosives and Radiochemistry Laboratory

Constructed in 1930, Building 167 is located along Kibler Road in the southern portion of Area F and was used as a High Explosives Preparation and Testing Laboratory. After the 1950s, the building was used as a nuclear-chemical test research facility. Hazardous materials stored and used in this laboratory included Class 7 explosives, flammable solvents (acetone, methyl ethyl ketone, toluene), and uranyl sulfate. The installation's Health Physics Office (HPO) files indicate that the facility was also used as a radiochemistry laboratory. In September 1962, radiation levels in the building were greater than allowable for an unrestricted area due to radioactive waste storage in the building. A follow-up survey by the Radiation Protection/Safety Officer found high levels in only one sink containing a yellow powder suspected to be uranyl sulfate.

Before 1951, no system was in place to remove liquid laboratory waste; it is assumed that such waste may have been hand-carried out of the building. After 1951, all liquid wastes from sinks and floor drains were discharged into holding tanks in the concrete-lined basement. A September 1982 Disposition Form in the HPO states that once the contaminated sink was remediated or removed, the building was cleared for use. Dye testing of the funnel drain that was used for steam collection showed leaks in the basement walls during a 1991 wastewater survey (Foster Wheeler 1991). In December 2001, the HPO conducted a final release survey and removal action of the Building 167 interior and the fenced area adjacent to the building to demonstrate that the areas met

the Nuclear Regulatory Committee's (NRC) established release criteria for unrestricted use following the remediation. Building 167 was last known to be vacant.

Picatinny's HPO files also indicate that Building 167 temporarily stored hazardous and radioactive waste in an outdoor storage area (OSA) west of Kibler Road. The OSA was at least 5 ft wide and 10 ft long, and was last surrounded by a chain link fence. Buildings 163, 166, and 197 contained laboratory operations that potentially contributed waste to the OSA. Waste contribution quantities from nearby former operations are not known.

Former Building 303, Locomotive House

Former Building 303 was located along 14th Avenue in the northern portion of Area F and was used as the locomotive house prior to the Lake Denmark explosion on July 10, 1926. The building was located approximately 90 ft northwest of Building 472. Only the concrete floor, three rolling stock abutments, some track fragments, and some brick wall fragments remained. The floor contained two pits that reportedly drained wastewater and spent petroleum products into the subsurface soil. One floor pit was filled with cinders. In 1929, a new locomotive house (Building 507) was constructed in Area I.

Former Building 426, Mixing Laboratory

Building 426 was located east of 13th Avenue in the northern portion of Area F and was used as a mixing house prior to its destruction during an explosion in 1945. Based on a review of old facility maps, it appears that Building 427A and former Building 427C are situated on the foundation of former Building 426. No other information is available concerning this building.

Building 430, Propellant Systems Facility

Building 430, located east of 13th Avenue, was a former Propellant Systems Facility. The building was constructed in 1922 and originally used to produce and test small batches of nitroglycerine. In the 1940s, the facility was used as an experimental powder finishing house and contained a drying room, sifter, mixer, Throop rolls, and an extrusion mill. During the 1950s, the building was converted to a propellant process laboratory until site operations were discontinued in 1986. Liquid wastes were retained in three 15-gallon lead catch tanks installed in the 1950s. One tank was located in the basement, and two are located on the south side of the building. Overflow pipes for the

outside tanks discharged directly onto the soil surface. The basement lead catch tank received wastewater from the primary sink, and its overflow pipe or pipes discharged into a nearby intermediate drainage ditch. Floor and laboratory wash/decontamination water may have flowed into a gutter that discharged out of an open spout at the northeast corner of Building 430.

A RCRA Closure Action in November 1995 removed the basement tank, associated troughs, and plumbing. The analytical results of soil samples collected along the discharge pipe's path indicated only traces of explosives and high lead concentrations. No samples were collected from the former tanks overflow discharge pipe outfall or from the intermediate drainage ditch. Building 430A is not currently being used, but was scheduled for renovation in 2005. It is unknown whether the renovations were completed.

Building 462A, General Purpose Magazine

Building 462A, a General Purpose Magazine, is located in the northern portion of Area F along 14th Avenue, approximately 760 ft east of GPB. Building 462A, built in 1941, was used for storage of explosives as part of the neutralizing house for the guncotton line. According to site plans from 1940, Building 462A contained a concrete sump that is believed to have received wastewater from Building 462. The water was then discharged into a ditch located southwest of the building.

There are currently no plans for future construction at PICA-209/Site 209.

3.41.2 Previous Investigations

A PA/SI was conducted in 1994 that included the Building 167, 430, and 462A areas. The PA/SI concluded that there was potential for the presence of impacted soils and/or sediments at all three building areas.

During the USACHPPM investigation at Building 462A, groundwater sampling was attempted via Geoprobe, but was unsuccessful due to borehole concentrations of gasses greater than the lower explosive limit (LEL). During the drilling attempts, discolored soil was encountered. One wastewater sample and one sludge sample were collected from the neutralizing sump for analysis of VOCs, SVOCs, metals, and explosives.

Subsequent to the USACHPPM investigation, a groundwater study of Areas F and G was conducted in 1998 (IT). This study included the installation and sampling of monitoring wells at several sites within Areas F and G. Monitoring well 104MW-1 was installed at Site 104, which is located adjacent and hydraulically cross-gradient to Building 167.

New World Technology (NWT) conducted a radiological release survey in and around Building 167, and an interim removal action and confirmatory soil sampling at the OSA at Building 167 in October and November 2001 and June 2002.

Sampling activities for the Phase I 2A/3A RI were conducted at Building 167 from September 2000 through April 2000. Twelve surface soil samples were collected during the investigation. Surface soil samples B167SS-6A through B167SS-8A, B167SS-14A through B167SS-16A, and B167SS-17B were analyzed for PAHs. Surface soil samples B167SS10-A through B167SS-13A were analyzed for metals. Surface soil sample B167SS-9A was analyzed for VOCs, pesticides, PCBs, metals, baseline explosives, PETN, nitroglycerine, nitroguanidine, nitrocellulose, and at a later date in the investigation, radiological constituents. Four groundwater samples (104MW-1, MW167-1, MW167-2, MW167-3) were collected and analyzed for VOCs, metals, baseline explosives, PETN, nitroglycerine, nitroguanidine, and nitrocellulose. A surface gamma radiation scan survey was conducted and one additional surface soil sample (B167SS-9A, adjacent to original surface soil sample location PICA-167-3S) was collected for radiological constituents at Building 167 in the area between Buildings 166 and 167, adjacent to the former OSA.

Sampling activities for the Phase I 2A/3A RI were conducted at Building 303 from September 2000 through June 2001. Four surface soil samples (FAR-1SA, FAR-2SA, FAR-2SB, and FAR-3SA) and two subsurface soil samples (FAR-1SC and FAR-3SC) were collected and analyzed for PAHs, arsenic, and lead. Two surface soil samples (FB303SB-1A and FB303SB-2A) and four subsurface soil samples (FB202SB-1B, FB303SB-1C, FB303SB-2B, and FB303SB-2C) were collected and analyzed for VOCs, SVOCs, and metals. Three surface soil samples (FB303SB-3A, FB303SB-4A, and FB303SB-5A) and three subsurface soil samples (FB303SB-3B, FB303SB-4B, and FB303SB-5B) were collected and sampled for arsenic and lead. One new groundwater monitoring well was installed, surveyed, and sampled; two hydropunch groundwater samples were collected; and one existing groundwater monitoring well was sampled during the investigation. Groundwater samples were analyzed for VOCs, SVOCs, and metals.

No studies were conducted at Building 426 prior to the Phase I 2A/3A RI sampling activities, which were completed in November 2000. Four surface soil samples (B246SB-1A through -4A) and four subsurface soil samples (B426SB-1B through -4B) were collected from four soil borings during the investigation. Samples were analyzed for metals, baseline explosives, PETN, nitroglycerine, nitroguanidine, and nitrocellulose.

Sampling activities for the Phase I 2A/3A RI were conducted at Building 430 from September 2000 through December 2001. Seven surface soil samples (B430SS-5A through -11A) and two subsurface soil samples (B430SS-8C and B430SS-9C) were collected and analyzed for arsenic and lead. Six surface soil samples (B430SS-18A through -22A and B430SS-23) and two subsurface soil samples (B430SB-2B and B430SB-3B) were collected and analyzed for lead only. Two surface soil samples (B430SS-24 and B430SS-25) were collected and analyzed for lead and explosives. One subsurface soil sample, B430SB-1B, was collected and analyzed for metals, baseline explosives, PETN, nitroglycerin, nitrocellulose, and nitroguanidine. Three sediment samples (B430SD-12A, -13A, and -14A) were sampled and collected for arsenic, lead, baseline explosives, PETN, nitroglycerin, nitrocellulose, and nitroguanidine. Two vertical delineation sediment samples (B430SD-12C and B430SD-13C) and three horizontal delineation sediment samples (B430SD-15A, -16A, and 17A) were collected and analyzed for lead, baseline explosives, PETN, nitroglycerin, nitrocellulose, and nitroguanidine. One groundwater piezometer was installed and sampled for metals, baseline explosives, and nitrocellulose. Two groundwater monitoring wells, MW430-B and PW-430-A were also sampled for RDX and metals.

Sampling activities for the Phase I 2A/3A RI were conducted at Building 462A from September 2000 through December 2003. One surface soil sample (B462ATP-1A) and one subsurface soil sample (B462ATP-1B) were collected from a test pit and analyzed for baseline explosives, PETN, nitroglycerine, nitrocellulose, and nitroguanidine. One subsurface soil sample (B462A-MW-1B) was collected and analyzed for VOCs, SVOCs, metals, baseline explosives, PETN, nitroglycerine, nitrocellulose, and nitroguanidine. Three surface water samples (B462ASW-1, -2, and -5) and five sediment samples (B462ASD-1 through -5) were collected and analyzed for SVOCs, metals, baseline explosives, PETN, nitroglycerine, nitrocellulose, and nitroguanidine. One new groundwater monitoring well was installed, surveyed and sampled for VOCs, SVOCs, metals, baseline explosives, PETN, nitroglycerine, nitrocellulose, and nitroguanidine.

A removal action was conducted in the Building 462A area as part of the Facility-Wide Dump and Dry well Investigation in December 2003. A hexagon-shaped sump, sampled at B462SD-4, was excavated to a depth of 4 ft bgs. Approximately 1 cubic yard of soil was removed in addition to the sump itself. One sidewall and one bottom soil sample were collected and analyzed for SVOCs, metals, baseline explosives and NC.

Investigation of the open concrete drain gutter at Building 430 was conducted in June 2004 by Shaw as part of the Facility-Wide Sump and Dry Well Removal Investigation. Three surface soil samples (430TR-1, 430TR-2, and 430TR-3) were collected from locations within/under the concrete gutter. Samples were analyzed for metals and baseline explosives.

A removal action was conducted in the area of sample location B167SS-7A between August and September 2004 to address the PAH concentrations identified during the RI field investigation. The excavation was completed to a depth of 2.0 ft bgs and approximately 4 cubic yards of soil were removed from the excavation. Three post-excavation samples were collected from the sidewall and bottom of the excavation and analyzed for PAHs.

A removal action was conducted west of Building 303 in June 2004 to address the lead concentrations identified in soil during the 2000 RI sampling. Two excavations were completed to depths of 7.0 to 7.5 ft bgs. Approximately 54 cubic yard of soil were removed from the excavations and transported to the 3500 Area where it was used to increase the existing grade for building construction in that area. A total of ten post-excavation samples were collected from the sidewalls and bottoms of each excavation and were analyzed for SVOCs, arsenic, and lead.

3.41.3 Nature and Extent of Contamination

Data available from the Picatinny Database are included in Appendix A.

Building 167, Explosives and Radiochemistry Laboratory

Figure 3-91 shows the locations associated with Building 167, and concentrations where one or more constituent exceeded an SC.

Three radiation anomalies were found near the OSA at Building 167. Two of the anomalies were detected at the downspouts of the rain gutters. This area was

impacted with Barium-133. Based on the results of the radiological survey, contaminated soils from the radioactive waste storage area were removed. Following the removal of contaminated soil, the storage area was divided into six grids and a 100% gamma surface scan survey was performed to determine if further soil removal was required. One post-excavation sample was collected from each of the six grids (for a total of six samples) and analyzed for barium-133. Barium-133 concentrations ranged from 0.127 picocuries per gram (pCi/g) to 6.0 pCi/g. Based on the analytical results, no further soil removal was required.

In surface soils, samples F-B167-SS-6, F-B167-SS-7, F-B167-SS-8, F-B167-SS-14, and F-B167-SS-17 contained benzo(a)pyrene at concentrations greater than the SC (0.2 mg/kg), ranging from 0.24 mg/kg to 7.1 mg/kg. Surface soil sample F-B167-SS-7 also contained benz(a)anthracene (SC = 2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg), dibenz(a,h)anthracene (SC = 0.2 mg/kg), and indeno(1,2,3-cd)pyrene (SC = 2 mg/kg) at concentrations that exceed SC: at 7 D mg/kg, 14 D mg/kg, 1.4 JD mg/kg, and 6 D mg/kg, respectively. Additionally, a removal action was conducted in the area of sample location F-B167-SS-7A, and no PAHs were identified above soil criteria in the excavation bottom sample at that time. However, sidewall samples (F-EX167-SWW-1 and F-EX167-SWW-2) and one bottom sample (F-EX167-B-1) exceed the current SC (0.2 mg/kg) for benzo(a)pyrene at concentrations of 0.87 D mg/kg, 0.48 JD mg/kg, and 0.4 mg/kg, respectively. No other constituents exceeded SC in surface soils.

In groundwater, sodium (SC = 50,000 ug/L) and TCE (SC = 1 ug/L) were detected in two wells, F-MW167-3 and F-104-MW-1, at concentrations greater than SC. Sodium concentrations in the wells ranged from 89,900 ug/L to 101,000 ug/L. TCE concentrations in the wells ranged from 5.5 ug/L to 6.4 ug/L. F-MW167-3 also contained manganese (SC = 50 ug/L) and PCE (SC = 1 ug/L) at concentrations of 1,100 ug/L and 2.9 ug/L, respectively. Monitoring wells F-MW167-1 and F-MW167-2 contained aluminum (SC = 200 ug/L) at concentrations of 1,100 J ug/L and 450 J ug/L, respectively. Monitoring well F-MW167-1 also contained manganese at a concentration of 560 ug/L, which is greater than the SC = 50 ug/L. The constituents TCE, PCE, RDX, silver, and sodium may have been used in the laboratory operations at Building 167, however, there is no existing source for these constituents. Hazardous materials stored and used in and around the building included explosives and solvents. The absence of these compounds in the groundwater samples collected from the upgradient wells 167-1 and 167-2 further support the contention that Building 167 was a possible source of the groundwater contamination. However, VOCs, explosives, and metals have been reported in excess of SC on an area-wide basis. VOCs and explosives identified in

monitoring wells located in the Building 167 area are currently being addressed as part of the Mid-Valley Groundwater FS (ARCADIS 2009b).

Former Building 303, Locomotive House

Figure 3-93 shows the locations associated with Former Building 303, and concentrations where one or more constituent exceeded an SC.

In surface soils, benzo(a)pyrene was detected at concentrations exceeding the SC (0.2 mg/kg) at sample locations F-FAR-2S (1.3 mg/kg), F-FAR-3S (0.47 mg/kg), and F-FB303-SB-2 (0.37 J mg/kg). One other PAH was also identified at a concentration greater than the SC (0.2 mg/kg): 0.24 J mg/kg dibenz(a,h)anthracene at sample location F-FAR-2S. No other constituents exceeded SC in surface soils.

In subsurface soils, benzo(a)pyrene (SC = 0.2 mg/kg), arsenic (SC = 19 mg/kg), and lead (SC = 800 mg/kg) were the only constituents detected with concentrations exceeding SC. Benzo(a)pyrene exceeded the SC at sample locations F-303-S1-B-1, F-B303-EX2-B-1, F-B303-EX2-SWE-1, F-B303-EX2-SWW-1, F-FAR-3S, and F-FB303-SB-2 with concentrations ranging from 0.25 mg/kg to 1.2 mg/kg. Arsenic exceeded the SC at sample locations F-303-S2-B-1, F-B303-EX2-SWE-1, F-B303-EX2-SWS-1, F-FAR-3S,and F-FB303-SB-5 with concentrations ranging from 20.4 mg/kg to 117 mg/kg. Lead exceeded the SC at sample location F-FAR-3S with a concentration of 1440 J mg/kg. No other constituents exceeded SC in subsurface soil.

In groundwater, naturally occurring metals were the primary constituents that exceeded SC, however, one SVOC, bis(2-ethylhexyl)phthalate (SC = 3 ug/L), exceeded the SC with a concentration of 6.3 J ug/L in hydropunch sample F-FB303HP-2. Hydropunch samples F-FB303HP-1 and F-FB303HP-2 both exceeded SC for aluminum (SC = 200 ug/L), iron (SC = 300 ug/L), and manganese (SC = 50 ug/L) with respective concentrations of 7500 ug/L and 3600 ug/L for aluminum, 8900 ug/L and 4500 ug/L for iron, and 280 ug/L and 110 ug/L for manganese. Hydropunch sample F-FB303HP-1 also exceeded the lead SC (5 ug/L) with a concentration of 5.2 ug/L. No other constituents exceeded SC in groundwater. Groundwater at this site is located within the Mid-Valley area and will be further discussed within the Mid-Valley Groundwater FS (ARCADIS 2009b).

Former Building 426, Mixing Laboratory

The analytical results from Phase I 2A/3A sampling activities conducted at former Building 426 in November 2000 indicated that no compounds were detected in surface or subsurface soil exceeding SC. Analytical data associated with Building 426 was compared to the NJDEP Residential SRS and the USEPA RSLs. The maximum concentration of arsenic (7.3 J mg/kg) was less than the SRS value, but exceeded the residential carcinogenic RSL; however, concentrations of arsenic from all samples associated with Building 426 were less than the Picatinny background concentrations of arsenic (9.23 mg/kg). Based on the results of the investigation, it does not appear that the soil surrounding former Building 426 was impacted by the explosion that occurred in 1945 or by the past operations that were conducted at Building 426. Historical sample locations are presented on Figure 3-95.

Building 430, Propellant Systems Facility

Figure 3-97 shows the locations associated with Building 430, and concentrations where one or more constituent exceeded an SC.

In surface soils, only 2,4-DNT (SC = 4.2 mg/kg), 2,6-DNT (SC = 4.2 mg/kg), and lead (SC = 800 mg/kg) were detected at concentrations greater than the SC. The explosive 2,4-DNT exceeded the SC at sample locations F-B430TR-1, F-B430-SS-12, -13, -14, and F-B430DC-1 with respective concentrations of 5.6 mg/kg, 16 mg/kg, 65 D mg/kg, 67 D mg/kg, and 7.2 D mg/kg. Another explosive, 2,6-DNT exceeded its SC at sample locations F-B430-SS-13 and F-B430-SS-14 with concentrations of 5.9 mg/kg and 5.2 mg/kg, respectively. Lead exceeded the SC at sample locations F-B430-SS-6, F-B430-SS-8, F-B430-SS-9, F-B430-SS-10, F-B430-SS-12, F-B430-SS-13, F-B430-SS-23, and F-B430-SS-24 with concentrations ranging from 266 J mg/kg to 2,330 J mg/kg. No other constituents exceeded SC in surface soil.

In subsurface soils, only two constituents exceeded SC: lead (SC = 800 mg/kg) in sample F-B430-SS-9 with a concentration of 998 J mg/kg, and arsenic (SC = 19 mg/kg) in sample F-B430-SS-08 with a concentration of 21.2 J mg/kg.

In sediment samples F-B430-SD-12, -13, -15, -16, and -17 contained 2,4-DNT (SC = 4.2 mg/kg) at concentrations ranging from 7.6 mg/kg to 870 mg/kg. Samples F-B430-SD-13 and -15 contained 2,6-DNT (SC = 4.2 mg/kg) at concentrations 13D mg/kg and 62 mg/kg, respectively, which are greater than the SC. Sediment samples F-B430-SD-12, -13, 15, -16, and -17 contained lead at concentrations exceeding the SC (38.8 mg/kg) ranging from 96.3 mg/kg to 998 J mg/kg. No other constituents were detected with concentrations greater than the SC in sediment.

During the Phase I 2A/3A RI at Building 430, the piezometer groundwater sample B430PZ-1 contained aluminum (SC = 200 ug/L), arsenic (SC = 3 ug/L), iron (SC = 300 ug/L), lead (SC = 5 ug/L), and manganese (SC = 50 ug/L) at concentrations of 3,000 ug/L, 5.6 ug/L, 9,000 ug/L, 32 ug/L, and 690 J ug/L, respectively, which are greater than SC.

Building 462A, General Purpose Magazine

Figure 3-99 shows the locations associated with Building 462A, and concentrations where one or more constituent exceeded an SC.

In surface soil, analytical results of the sidewall and bottom excavation samples from the hexagon-shaped sump removal at Building 462A indicate the presence of benzo(a)pyrene (SC = 0.2 mg/kg) in soil in the eastern sidewall sample (462A-SS-HEX-SWE-1) and two bottom samples (462A-SS-HEX-B1 and –B2) at concentrations ranging from 0.21 J mg/kg to 0.94 mg/kg. Arsenic (SC = 19 mg/kg) was also detected in bottom sample 462A-SS-HEX-B1 at a concentration of 28.2 mg/kg. No other constituents exceeded SC in soil.

In sediment, sediment samples B462-SD1 through –SD5 all contain constituents at concentrations greater than SC. Sediment sample B462-SD1 contained 2,4-DNT (SC = 4.2 mg/kg) at a concentration of 13 D mg/kg and 12 mg/kg (analyzed via two different methods), copper (SC = 28 mg/kg) at a concentration of 83.2 J mg/kg, di-n-butylphthalate (SC = 11 mg/kg) at a concentration of 26 D mg/kg, mercury (SC = 0.249 mg/kg) at a concentration of 0.26 J mg/kg, and nickel (SC = 39.6 mg/kg) at a concentration of 126 J mg/kg. Sediment sample B462SD-2 contained 2,4-DNT at concentrations of 14 D mg/kg and 36 JD mg/kg (analyzed via two different methods), copper at a concentration of 72.2 J mg/kg, mercury at a concentration of 2.1 J mg/kg, nickel at a concentration of 40.4 J mg/kg, and 17 different PAHs at concentrations all greater than their respective SC. Sediment sample B462SD-3 contained mercury at a concentration of 0.46 J mg/kg, zinc (SC = 171 mg/kg) at a concentration of 335 J mg/kg, and 12 different PAHs at concentrations all greater than their respective SC. Sediment sample B462SD-4 contained 2,4-DNT at concentrations of 34 D mg/kg and 81 mg/kg (analyzed via two different methods), arsenic (SC = 16 mg/kg) at a concentration of 21.1 JD mg/kg, cadmium (SC = 1.7 mg/kg) at a concentration of 3.9 JD mg/kg, chromium (SC = 37.3 mg/kg) at a concentration of 63.4 JD mg/kg, copper at a concentration of 240 J mg/kg, manganese (SC = 1,673 mg/kg) at a concentration of 1,920 JD mg/kg, mercury at a concentration of 1.4 J mg/kg, zinc at a concentration of 513 JD mg/kg, and 12 PAHs all at concentrations greater than their respective SC.

Sediment sample B462SD-5 contained 2,4-DNT and 2,6-DNT at concentrations ranging from 6.4 mg/kg to 67 mg/kg (analyzed via two different methods), di-n-butylphthalate (SC = 11 mg/kg) at a concentration of 94 mg/kg, arsenic at a concentration of 17.8 J mg/kg, copper at a concentration of 70.9 J mg/kg, mercury at a concentration of 1.8 J mg/kg, nickel at a concentration of 67.9 J mg/kg, and zinc at a concentration of 186 J mg/kg, which are all greater than respective SC. No other constituents exceeded SC in sediment.

Surface water sample B462SW-1 contained the metals aluminum (SC = 190 ug/L), arsenic (SC = 1.38 ug/L), cadmium (0.28 ug/L), copper (SC = 9.4 ug/L), iron (SC = 1,790 ug/L), lead (SC = 3.2 ug/L), manganese (SC = 383 ug/L), and zinc (SC = 122 ug/L) at concentrations of 410 ug/L, 41 ug/L, 0.59 J ug/L, 13 J ug/L, 22,800 ug/L, 19 ug/L, 1,700 ug/L, and 130 ug/L, respectively. Surface water sample B462SW-2 contained 2,4-DNT (SC = 0.11 ug/L) at a concentration of 3.3 J ug/L, aluminum, arsenic, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel (SC = 52 ug/L), selenium (SC = 5 ug/L), and zinc at concentrations of 8,400 ug/L, 6.4 ug/L, 1.2 J ug/L, 17 J ug/L, 100 J ug/L, 11,300 ug/L, 390 ug/L, 740 ug/L, 1.5 ug/L, 57 ug/L, 5.5 ug/L, and 250 ug/L respectively. Surface water sample B462SW-5 contained aluminum and lead at concentrations of 270 ug/L and 8.3 ug/L. No other constituents exceeded SC in surface water. There were no exceedances of SC in groundwater. Ground water at this site is located within the Mid-Valley area and will be discussed as part of the Mid-Valley FS.

3.41.4 Summary of Risk Assessments

3.41.4.1 Human Health

An HHRA was completed in 2005 for PICA-209 receptors in the Phase I 2A/3A RI Report. The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPAs generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk at PICA-209 are summarized in Table 3-1.

Current human health risks under reasonably anticipated future use scenarios are:

Building 167

- Current and Future Industrial/Research Worker: carcinogenic risk number of 4E-05/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 5E-08/ noncarcinogenic HI of <1.

Building 303

- Current and Future Industrial/Research Worker: carcinogenic risk number of 7E-05/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 1E-05/ noncarcinogenic HI of 1.

Building 426

- Current and Future Industrial/Research Worker: carcinogenic risk number of 1E-05/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 5E-07/ noncarcinogenic HI of <1.

Building 430

- Current and Future Industrial/Research Worker: carcinogenic risk number of 1E-05/ noncarcinogenic HI of <1.
- Current and Future Construction/Excavation Worker: carcinogenic risk number of 2E-06/ noncarcinogenic HI of <1.

Building 462A

- Current and Future Construction/Excavation Worker: carcinogenic risk number of 5E-10/ noncarcinogenic HI of <1.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

Building 167

- Future Adult Resident (soil): carcinogenic risk number of 9E-04/ noncarcinogenic HI of <1.
- Future Child Resident (soil): carcinogenic risk number of 5E-04/ noncarcinogenic HI of 3.

Building 303

- Future Adult Resident (mixed soil): carcinogenic risk number of 2E-04/ noncarcinogenic HI of <1.
- Future Child Resident (mixed soil): carcinogenic risk number of 1E-04/ noncarcinogenic HI of 2.

Building 426

- Future Adult Resident (mixed soil): carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.
- Future Child Resident (mixed soil): carcinogenic risk number of 2E-05/ noncarcinogenic HI of <1.

Building 430

- Future Adult Resident (mixed soil): carcinogenic risk number of 4E-05/ noncarcinogenic HI of <1.
- Future Child Resident (subsurface soil): carcinogenic risk number of 3E-05/ noncarcinogenic HI of 2.

Building 462A

- Current and Future On-site Youth Visitor (sediment): carcinogenic risk number of 6E-05/noncarcinogenic HI of <1.
- Future Adult Resident (sediment): carcinogenic risk number of 9E-04/ noncarcinogenic HI of 2.

- Future Child Resident (sediment): carcinogenic risk number of 5E-04/ noncarcinogenic HI of 10.

3.41.4.2 Lead Blood Model Results

The lead blood model was calculated in 2005 for the buildings where lead was identified as a potential concern as part of the Site 209 RI. The only buildings associated are 303 and 430.

Building 303

The current and reasonably anticipated future use scenarios were reevaluated at this site to reflect current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 984 mg/kg, less than the calculated PRG of 1,092 mg/kg.

- Current Construction Worker (subsurface soil): No concern- average lead concentration of 371 mg/kg, less than the calculated PRG of 1,092 mg/kg.

Additionally, human health risks associated with lead exposures were calculated for use scenarios not reasonably anticipated and are as follows:

- Current Adult Resident (mixed surface and subsurface soil): No concern - average lead concentration is 739 mg/kg, which is less than the calculated PRG or 1,092 mg/kg.

Building 430

The current and reasonably anticipated future use scenarios were reevaluated at this site to reflect current guidance for model input parameters as detailed in Appendix C, and the PRG revised accordingly. The following results were reported:

- Current Industrial/Research Worker (surface soil): No concern - average lead concentration of 965 mg/kg, less than the calculated PRG of 1,092 mg/kg.

- Current Construction Worker (subsurface soil): No concern - average lead concentration of 398 mg/kg, less than the calculated PRG of 1,092 mg/kg.

Additionally, human health risks associated with lead exposures were calculated for use scenarios not reasonably anticipated and are as follows:

- Current On-site Youth Visitor (sediment): No concern -average lead concentration of 556 mg/kg, less than the calculated PRG of 1,092 mg/kg.

- Current Adult Resident (mixed surface and subsurface soil): The average lead concentration is 776 mg/kg, which is less than the calculated PRG or 1,092 mg/kg.

- Current Adult Resident (sediment): The average lead concentration is 556 mg/kg, which is less than the calculated PRG or 1,092 mg/kg.

3.41.4.3 Ecological

Site 209, Building 167, Explosives and Radiochemistry Lab

Building 167 is located along Kibler Road, which is a high-use area within the valley portion of Picatinny. The high level of human activity and the small size of the site (0.1 acre) would discourage most ecological receptors, even those adapted to an urban environment. As a result, ecological exposures are expected to be extremely limited and no further ecological evaluation is required.

Site 209, Former Building 426, Mixing Lab

No ERA was conducted at Site 209, former Building 426, because ecological exposures are expected to be extremely limited. The site is located within a high-use, highly industrialized area of Picatinny that consists mainly of former building foundations. The area provides very little shelter or suitable habitat. In addition, the high level of activity in this area would dissuade most species, even those adapted to urban areas. Therefore, ecological exposures are expected to be minimal.

Site 209, Building 462A

No ERA has been performed at Site 209, Building 462A. This wooded area provides excellent habitat for most terrestrial species. Although there is surface water and sediment at the site, the intermittent nature of the drainage ditch does not provide suitable habitat for aquatic species as noted in the Phase II ERA (IT 2000). As part of the Phase II ERA, three surface soil bioassays were conducted on samples collected from the ditch downgradient of Building 462A because of elevated metals and

explosives concentrations. Results of the bioassays indicated that the levels of metals and explosives in the ditch were not toxic to earthworms. Although DNT and several metals were detected in the earthworm tissue, there was no apparent effect on the survival of the earthworms. Additionally the removal of sediment from the sumps eliminated the potential exposure pathway and no ERA was recommended in the 2005 SLERA report.

Site 209, Building 430

The former Propellant Systems Facility was constructed in 1922 and was originally used to produce and test small batches of nitroglycerin. While the site is very small (0.25 acres), the surrounding area is wooded and provides good habitat for terrestrial species. Some discharges from Building 430 were to a nearby intermittent drainage ditch. The intermittent nature of the drainage ditch does not provide suitable habitat for aquatic species on-site, although it may provide a mechanism for contaminant migration to GPB; potential impacts to that water body have been evaluated separately. In 2004, lead contaminated soil at Building 430 was removed as part of a facility-wide lead removal action. Surface soil behind Building 430 was removed and replaced with clean soil, effectively eliminating most terrestrial ecological exposures at the site. As a result, it is assumed that ecological exposures at the site are minimal.

Site 209, Building 303, Locomotive House

Building 303 is located in a very developed, highly industrialized area of the Installation, consisting mainly of building foundations and railroad tracks. The highly urbanized nature of the site would discourage most ecological receptors, even those adapted to an urban environment. As a result, ecological exposures are expected to be extremely limited and no further ecological evaluation is required.

3.41.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use (military/industrial):

- The carcinogenic risk is less than the generally acceptable risk range of 1E-04 to 1E-06;
- The noncarcinogenic hazard is less than the threshold of 1;

- Lead is not a concern at this site; and
- Ecological risks are not a concern at this site.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios were not conducted at all of the buildings and some contaminants are present at concentrations that exceed residential criteria, this site cannot be released for unrestricted use.

3.42 PICA-008/Site 1 – Naval Air Rocket Test Station, Test Area G

3.42.1 Site History

Site 1 was operated by the NARTS division of the Navy under a lease agreement with the Department of the Army from the early-1950s until the late-1960s. NARTS rocket damage control test activities began at Site 1 in 1953. Picatinny site maps and a NARTS public document describing facility operations indicate that, as of 1960, Site 1 included over 25 buildings and supporting structures and was known as the G-1 (Buildings 3553-3556) and G-2 (Buildings 3558-3594) Test Areas. The majority of the structures at this site were decontaminated and demolished prior to 1986. Site 1 is currently inactive and contains rubble and debris from past demolition activities. Many of what are referred to as “buildings” within Site 1 are actually test turrets, metal frames, or concrete test pads.

As reported in the Phase II Group 3 Sites RI, conflicting information exists regarding the initial uses of Site 1. According to the 1991 ANL RI Concept Plan (ANL 1991), the site was originally developed around 1940 for residential use. Aerial photos and interviews with Picatinny personnel, however, suggest that the G-1 and G-2 Test Areas were unimproved woodlands before test structures were constructed around 1953. Shock sensitivity testing of rocket propellants was performed in the G-1 Test Area, and was generally performed on a target pad (Building 3555) using a portable shock tester. A grate-covered trough, located at the southern end of the target pad, collected wash down waters from test activities. No building-specific drawings exist at Picatinny to determine where the trough discharged.

Three concrete pads, Buildings 3590, 3591, and 3594 were used for performing damage control testing of rocket propellant cylinders. The cylinders contained amine, hydrazine and petroleum-based fuels and an oxidizer. The amine-based fuels were

detonated in open pans. Picatinny personnel reported that chemical tests were also conducted at Building 3592. The locations of former Buildings 3590 and 3592 could not be determined. A clearing located on the southwestern boundary of the area, adjacent to the reservoir, shows evidence of former structures. It is possible that Building 3590 or Building 3592 was located within that clearing. Explosive materials such as C4, Composition B, and normal propyl nitrate were stored in Building 3566.

A drop tower, Building 3576, was constructed to test the structural integrity of rocket components. According to ANL 1991, there was a dump area behind Building 3576 on the east or southeast side of the G-2 Test Area.

Buildings 3553 and 3558 remote control facilities, supported test operations in the G-1 and G-2 Test Areas, respectively. An additional building, a simulated missile magazine, was located in either Test Area G-1 or G-2. The building was used to monitor propellant pressure control reactions. The exact location of the building could not be identified, because both areas have undergone significant demolition.

According to Picatinny personnel, Site 1 was used for flare tests in the early 1980s and in the 1990s as a training area for anti-mech/defensive combat and offensive combat/helicopter operations. Tanks, armored personnel carriers, and inert ordnance were commonly used in these training maneuvers.

Compounds used throughout the test area included: nitric and other acids, chlorine trifluoride, cyanide, phenols, metals, and pickling liquors. Herbicides were applied around the test stands to reduce vegetation and the hazards of fire. Concrete and cast iron drainage pipes that terminate in the southwest corner of Site 1 indicate that runoff or process wastewaters were conveyed to the adjacent reservoir. The originating point of these pipes could not be identified in the field.

Most structures within Test Areas G-1 and G-2 were demolished using bulldozers and cranes with wrecking balls. Debris that could not be salvaged was reportedly buried in place. Buildings 3576 and 3578 are the only structures that remain at Site 1. Many of the existing buildings and former structures such as the reported dump area behind Building 3576 and the transformers were investigated during the Phase II RI (Round 1).

Review of the Master Plan does not indicate that there are currently any plans for future construction at PICA-008 (007)/Site 1.

Figure 3-100 shows the layout of PICA-008 (007)/Site 1. It should be noted that the only media included at this site in this FS is soil. The other media are addressed in a separate FS.

3.42.2 Previous Studies at Site 1

Four previous investigations have been conducted at two areas within Site 1. A summary of the investigations of soils is presented below. Specific details can be found in the RI (IT 2001b). Investigations regarding other media at Site 1 are discussed in the Group 3 Sites FS (Shaw 2005f).

Soil sampling was conducted at Ames Brook from November 1988 to April 1989. One soil sample was analyzed for metals, VOCs, SVOCs, PCBs, explosives, nitrate, and nitrite.

Phase II (Round 1) RI sampling activities at Site 1 were conducted between May 1995 and November 1996. The subsequent Group 3 RI field operations were conducted at Site 1 from December 1997 to April 1998. ERA sampling for the RI occurred from May through December 1998. Site 1 was used as a reference location for the Phase II ERA. The activities conducted during the Phase II RI for Site 1 included the following:

- Performance of a geophysical survey to confirm the presence or absence of USTs and to locate the reported dump area in the vicinity of the drop tower.

- Performance of a soil gas survey (46 samples total). Twelve additional samples were collected to investigate possible downgradient contamination, with no target analytes being detected. Four additional samples were collected in the asphalt road downgradient to Building 3565 to determine if solvent impacts identified at Site 2 were present in Site 1. Further information can be found in Appendix B of Volume 1 of the Phase II (Round 1) RI Report (ICFKE 1999).

- Collection of 27 surface soil samples at 16 locations.

- Collection of 12 subsurface soil samples coincident with seven surface soil locations.

- Excavation of three test pits to investigate anomalies identified with the geophysical survey and collection of five subsurface soil samples. Information on

the test pit results can be found in Appendix F of Volume 1 of the Phase II (Round 1) RI Report (ICFKE 1999).

A soil boring was drilled downgradient of the sump at Former Building 3555 and no concentrations above SC were observed in the subsurface soil samples. Although additional investigation was not warranted, the sump at Building 3555 was removed in 2004, under a separate action.

3.42.3 Nature and Extent of Contamination

Analytical data available in the Picatinny data base is included in Appendix A. Sample locations where the SC were exceeded are shown on Figure 3-101.

No constituents were detected at concentrations greater than the SC in surface soils. Lead was detected in subsurface soils at a concentration of 4,410 mg/kg (SC = 800 mg/kg) at sample location J-1-TP-002. No other constituents in subsurface soils exceeded the respective SC at Site 1.

Results for sediments, surface water, and groundwater at Site 1 are discussed in the Final FS, Group 3 Sites (PICA-008) (Shaw 2005f), and are addressed in the Final Pre-Design Technical Memorandum for Groundwater and Sediments, Group 3, Sites 1, 2 , and 4 (PICA-008) (ARCADIS 2009c).

3.42.4 Summary of Risk Assessment

3.42.4.1 Human Health

An HHRA was completed in 2001 for Site 1 receptors in the Phase II Group 3 Sites RI Report (IT 2001b). The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk and noncarcinogenic hazard at Site 1 are summarized in Table 3-1.

Current human health risks under reasonably, anticipated future use scenarios are:

- Current and Future Industrial/Research Worker (surface soil): carcinogenic risk of 1E-05 and a noncarcinogenic HI of <1.

- Current and Future Construction/Excavation Worker (combined soil): carcinogenic risk of 1E-06 and a noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.42.4.2 Lead Blood Model Results

The current and reasonably anticipated future use scenarios at this site were reevaluated to reflect current guidance for lead model input parameters, as detailed in Appendix C, and the PRG was revised accordingly. The following results were reported:

Current human health risks associated with lead exposures under reasonable, anticipated future use scenarios are:

- Current and Future Construction/Excavation Worker (combined soil): No concern – the average lead concentration of 470 mg/kg is less than the calculated PRG of 957 mg/kg; and

- Lead is not a COPC for surface soil.

3.42.4.3 Ecological

Site 1 is currently inactive and is characterized as containing rubble and debris from past demolition activities. The majority of the structures at the site were decontaminated and demolished prior to 1986. To investigate risks to terrestrial species, an earthworm bioassay was conducted onsite soils that had elevated PAH, arsenic, and beryllium concentrations (IT 2000). The bioassay indicated no significant difference in survival compared to reference or control samples, with results indicating 95% survival of the test organisms. In fact, the test results were used as reference for comparison to other sites. Potential impacts to upper trophic level species such as small mammals (white-footed mouse *Peromyscus leucopus*), worm-eating birds (woodcock, *Scolopax minor*), and carnivorous birds (barred owl, *Strix varia*) were also evaluated by calculating EEQs for each species through a food web exposure model (IT 2000). The EEQs represent the ratio of potential exposure concentrations to toxicological benchmarks. An EEQ value less than 1 indicates that the potential for risk is minimal. The calculated EEQs were less than 1 for all chemicals with the exception of the arsenic EEQ for the white-footed mouse, which was slightly elevated. Based on

these results, it was determined that risks to terrestrial receptors were minimal and did not require further evaluation (Shaw 2005f).

3.42.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonable, anticipated future use (military/industrial):

- The carcinogenic risks are within the generally acceptable risk range of 1E-04 and 1E-06;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a concern at this site; and
- The ecological risk assessment determined that risks to terrestrial receptors were minimal and did not require further evaluation.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.43 PICA-008/Site 2 – Buildings 3500 through 3551, Reaction Motors, Rocket Test Areas A, B, and C

3.43.1 Site History

Site 2 was owned by the Department of the Army and was leased to the NARTS division of the Navy, which entered into a sublease agreement with the Reaction Motors Division (RMD) of Thiokol Chemical Company in 1947. The sublease with RMD expired in 1968.

RMD tested and evaluated rocket engines and their related components at Site 2, including the Regulus Class I, Sparrow III, and Bullpup rockets. Components developed and tested in Test Areas A, B, and C ranged from gas generators for jet engines to power sources for guided missile systems. Other operations known to have

occurred in these test areas include new and alternative rocket fuel development and engine redesign. Rocket test firings were horizontal, creating the potential for dispersion of exhaust. The engine was braced against a reinforced-concrete block mount within the test stand. The test bays were constructed in pairs with a control and instrument room between each pair.

Other relevant activities at Site 2 included explosive test sheds, explosive magazines, a photographic lab, a garage, a maintenance shop and instrument lab, a heavy-equipment storage compound, a passivation house (Building 3537) using solvents to clean rocket components, and a sewage treatment facility.

Chemicals and products used throughout Site 2 included alcohol-, amine-, and petroleum-based propellants, liquid oxygen, liquid nitrogen, ammonia, nitric acid, hydrogen peroxide, fluorine gas, fluorine nitric acid, hydrazine, unsymmetrical methylhydrazaine (UDMH), monomethylhydrazaine (MMH), halogenated fluoride-based oxidizers, boranes and borols (alcohol-boron mixtures), inhibited white fuming nitric acid (IWFNA) and inhibited red fuming nitric acid (IRFNA), sulfuric acid, antimony, aluminum perchlorate, ammonium perchlorate, JP-4 and JP-5, magnesium- and aluminum-containing slurries, nitrogen tetroxide, peroxides, and Otto fuel (propylene glycol dinitrate, di-n-butyl sebacate, and 2-nitrodiphyenylamine). USTs containing gasoline and #2 fuel oil were formerly present onsite along with transformer pads.

Many of what are referred to as "buildings" within Site 2 are actually test stands, magazines, or storage tanks. The majority of the buildings were decontaminated and demolished between 1968 and 1986, and currently Test Areas B and C remain inactive and unimproved. Since 1986, the 469th Engineer Battalion has constructed new buildings in the northwestern portion of Test Area A. However, the battalion no longer occupied the new buildings. Current plans include construction of a facility for homeland security training activities.

Figure 3-102 shows the layout of PICA-008/Site 2. It should be noted that the only media included at this site in this FS for Site 2 is soil. The other media are addressed in a separate FS.

3.43.2 Previous Studies at Site 2

There are three defined areas within Site 2: Test Area A, Test Area B, and Test Area C. Previous soil studies performed at these test areas are summarized in the following sections. Investigations regarding other media at Site 2 are discussed in the Group 3 Sites FS (Shaw 2005f).

Site 2, Test Area A

Test Area A contained a tank farm composed of nine USTs that held both gasoline and No. 2 fuel oil, and were more than 20 years old when they were removed in 1990. In addition to the tank farm removal, one 6,000-gallon No. 2 fuel oil UST was removed from the area between Buildings 3515 and 3525. According to the report prepared by CEA, post-remedial soil analysis identified TPH concentrations in excess of NJDEP cleanup standards of 100 ppm. A 3,000-gallon, No. 2 fuel oil UST formerly located northwest of the tank farm and near Building 3518 was also removed in 1990. Analytical results regarding this investigation are provided in Appendix C of the Picatinny Phase II RI/FS Work Plan, Final (ICFKE 1994).

Soil samples were collected at Building 3517 in response to a leaking 55-gallon drum incident in 1986. After an initial removal of 15 cubic yards of contaminated soil, 19,961 ppm TPH were detected in soil corings at a depth of 39 inches. As a result, Weston implemented a RCRA closure plan in April 1991. The closure included the removal of soil followed by steam cleaning. Additional investigation of this area was performed during the Group 3 RI.

According to the ANL RI Concept Plan (1991), a tanker truck spilled 300 gallons of diesel fuel over a 2,500-square-foot area near Building 3513 in January 1988. Cleanup of the spill included removal of soil and asphalt and collection of soil samples. Another spill of 50 gallons of diesel fuel was reported in February near Building 3513. According to Picatinny Environmental Office personnel, visually contaminated soil was removed. No confirmatory sampling was conducted.

From 1995 to 1998, the Phase II (Round 1) RI and the Group 3 RI were conducted at Site 2 including Test Area A. Many of the buildings and structures in Test Area A were investigated including the drum washout area, the former concrete test stand drainage trough and the RCRA closure area at Building 3517.

Site 2, Test Area B

From 1995 to 1998, the Phase II (Round 1) RI and the Group 3 RI were conducted at Site 2 including Test Area B. Many of the buildings and structures in Test Area B were investigated including former rocket testing activities at Building 3526 and former rocket fuel storage and fueling activities at former Building 3530. A summary of the Phase II (Round 1) RI and the Group 3 RI for Site 2 are provided in Section 2.3.3.

Site 2, Test Area C

A single No. 2 fuel oil UST located next to Building 3547 was removed in 1990. Post-closure soil sampling and analysis revealed no concentrations of petroleum hydrocarbons above the NJDEP soil cleanup standard of 100 ppm. Analytical results regarding this investigation are provided in Appendix C of the Picatinny Phase II RI/FS Work Plan Final (ICFKE 1994).

Phase II (Round 1) RI sampling activities at Site 2 were conducted between May 1995 and November 1996. The subsequent Group 3 RI field operations were conducted at Site 2 between December 1997 and April 1998. Sampling conducted specifically for the ERA occurred from May 1998 through December 1998. Activities conducted during the Phase II RI for Site 2 included the following:

- Performance of two geophysical surveys.
- Performance of a soil gas survey. Three surveys were performed in Test Area B near former Buildings 3527, 3530, and 3537 to delineate areas of potential solvent contamination.
    - Building 3515 and Vicinity – This area was investigated with a total of 69 soil-gas samples.
    - Building 3527 - A total of 13 soil-gas samples were collected in the vicinity of Building.
    - Building 3530 - Four soil-gas samples were collected northeast of former Building 3530 near the metal I-beams related to the former test stand. .
    - Building 3537 - A total of 15 soil-gas samples were collected from the area around this building.
- Collection of 40 surface soil samples at 18 locations.
- Collection of 21 subsurface soil samples.
- Excavation and sampling of two test pits and collection of five subsurface soil samples.

- Installation of one soil boring and collection of four subsurface soil samples.
- Collection of 37 subsurface soil samples.

3.43.3 Nature and Extent

Analytical data available in the Picatinny data base is included in Appendix A. Figure 3-103 shows the locations of SC exceedances at Site 2.

Nine surface soil samples and one sub-surface soil sample had concentrations of Aroclor 1254 greater than the SC (1 mg/kg), in the vicinity of Buildings 3506, 3507, and 3508. The highest concentration of 10 D mg/kg Aroclor 1254 was detected at J-B3517-SS-20, 0-1 ft bgs. Three surface soil samples had concentrations of chromium greater than the SC (200 mg/kg). The highest concentration of 2020 mg/kg chromium was detected at sample location J-2-SS-001C, 0-1 ft bgs.

Two SVOCs, 0.67 mg/kg benzo(a)pyrene (SC = 0.2 mg/kg) and 20 mg/kg naphthalene (SC = 17 mg/kg), were detected at one subsurface soil sample, J-2-MW-005, 10-12 ft bgs.

No other constituents were detected in surface or subsurface soil at concentrations greater than the SC.

Results for sediments, surface water, and groundwater at Site 1 are discussed in the Final FS, Group 3 Sites (PICA-008) (Shaw, 2005d), and are addressed in the Final Pre-Design Technical Memorandum for Groundwater and Sediments, Group 3, Sites 1, 2 , and 4 (PICA-008).

3.43.4 Summary of Risk Assessment

3.43.4.1 Human Health

An HHRA was completed in 2001 for Site 2 receptors in the Phase II Group 3 Sites RI Report (IT 2001b). The estimated reasonable maximum exposure risks for reasonable, anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk and noncarcinogenic hazard at Site 2 are summarized in Table 3-1.

Current human health risks under reasonable, anticipated future use scenarios are:

- Current and Future Outdoor Maintenance Worker (surface soil): carcinogenic risk of 6E-06 and a noncarcinogenic HI of <1;
- Current and Future Industrial/Research Worker (surface soil): carcinogenic risk of 1E-05 and a noncarcinogenic HI of <1; and
- Current and Future Construction/Excavation Worker (subsurface soil): carcinogenic risk of 3E-06 and a noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.43.4.2 Lead Blood Model Results

The lead blood model was not calculated at this site as lead was not identified as a COPC in site media.

3.43.4.3 Ecological

To investigate risks to terrestrial species, an earthworm bioassay was conducted onsite soils (IT 2000). The bioassay indicated a significant decrease in survival compared to reference or control samples, however it was noted that soils for the test were collected from an area that had been significantly altered, including the spreading of gravel for maintenance work. It was concluded that the observed toxicity could likely be attributed to the physical characteristics of the soil rather than the presence of contaminants of concern (COCs). Potential impacts to upper trophic level species such as small mammals (white-footed mouse *Peromyscus leucopus*), worm-eating birds (woodcock, *Scolopax minor*), and carnivorous birds (barred owl, *Strix varia*) were also evaluated by calculating EEQs for each species through a food web exposure model (IT 2000). The EEQs represent the ratio of potential exposure concentrations to toxicological benchmarks. An EEQ value less than 1 indicates that the potential for risk is minimal. The calculated EEQs were less than 1 for all chemicals with the exception of the arsenic and aluminum EEQ for the white-footed mouse, which were slightly elevated. Based on these results, it was determined that risks to terrestrial receptors were minimal and did require further evaluation at this site (IT 2000; Shaw 2005f).

3.43.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonable, anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-04 and 1E-06;
- The noncancer hazard is less than the threshold of 1;
- Lead is not a COPC at this site; and
- The ecological risk to terrestrial species is minimal.

No additional human health risks were calculated for hypothetical use scenarios.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.44 PICA-008/Site 4 – 3600 Series Buildings, Test Areas D and E

3.44.1 Site History: Site 4, Test Area D

Site 4 is divided into Rocket Test Area D (Buildings 3600-3616, 3620, 3628-31) and Test Area E (3617-3619, 3622, 3623, 3625, and 3627), both of which were operated by the NARTS division of the Navy. The layout of Site 4 is shown on Figure 3-104.

Site 4 – 3600 Series Buildings

Operations known to have occurred in the test areas within Site 4 from 1951 until 1968 included new and alternative rocket fuel development and engine redesign. Test Area D is still active. Besides Army training activities, Test Area E has remained inactive since 1968. Although few structures in Test Area E have been demolished, the majority of rocket test stands within Test Area D have been demolished.

Activities in both test areas of Site 4 revolved around buildings referred to as test stands, which were used to test liquid and solid fuel rocket engines, turbine pumps,

and other rocket motor components. Rockets firings were typically horizontal, creating the potential for dispersion of exhaust and non-combusted materials. The test stands were washed down after each test firing. Collection basins, exhaust pits, and trough systems were used to collect the wash down wastewaters. During testing, the rocket engine was braced against a reinforced-concrete block mount with the stand. Behind the firing mounts, separated by concrete walls within the test stand structure, were fuel and oxidizer ASTs, which ranged in capacity from 250 to 3,300 gallons. According to former RMD personnel and NARTS literature, fuels and oxidizers used at these stands in Test Areas D and E included hydrazine, UDMH, MMH, mixed amine fuels, helium, ammonia, halogenated fluoride-based oxidizers, liquid oxygen, alcohols, white fuming nitric acid, red fuming nitric acid, sulfuric acid, aluminum perchlorate, nitrogen tetroxide, and peroxides. Rocket fuels used in small quantities were stored in drums or cylinders in concrete magazines.

Test Area D was used by the NARTS division of the Navy from 1951 to 1968 under a lease from the Department of the Army to test rocket engines and their related components. Rocket testing reportedly ended when the Navy's lease with the Army expired in 1968. Accordingly, explosive and fuel allowances for the area were reportedly cancelled in 1970. Many buildings within Test Area D, although referred to as "buildings", are actually test turrets, rocket test stands, or concrete pads.

All of the rocket test pads and stands are currently inactive. After rocket testing ended in 1968, small mines were tested for an unknown period of time within Test Area D.

In 1975, a Ballistic Rail Gun (BRG), Building 3620, was constructed in the southern part of Test Area D. The BRG is still in operation and consists of a trough filled with water and in the winter, anti-freeze. The trough allowed the soft recovery of conventional shells fired from a 115-mm Howitzer cannon.

Test Area D has also been documented as containing a range for testing 22-, 38- and 45- caliber hand guns. However, the existence of this range could not be verified during site visits.

Presently, Test Area D is active. At least four buildings are devoted to operations, storage, and support for the Hawk Radar system. Three buildings are devoted to ordnance disassembly. Specifically, Building 3611 is a photography lab where pictures of disassembled ordnance from Building 3612 are developed.

Hazardous substances are still used in Test Area D. According to the 1991 ANL RI Concept Plan, three buildings within the area were listed as RCRA hazardous waste accumulation areas: a concrete slab within Building 3607 stored paint, solvents, and aerosol cans; a steel box outside Building 3611 stored photographic chemicals; and Building 3612 generated contaminated rags and solvents. Explosive containers were observed in the shed behind Building 3612.

There are also three transformers pads (TR-3600D, TR-3602, and TR-3602A) in Test Area D. All transformers have been removed as part of a facility-wide transformer removal action completed in the 1990s and were investigated for potential PCB contamination during the Phase II (Round 1) RI.

Site History: Site 4, Test Area E

Test Area E occupies 14 acres at the top of the ridge that overlooks Test Area D. The area was operated by the NARTS division of the Navy under a lease from the Department of the Army from 1953 to 1968. NARTS used Test Area E to test and develop highly volatile rocket fuels and rocket propulsion systems. Testing of the X-15 rocket motor was conducted in Test Area E, under a use-agreement with Thiokol Chemical Company. Rocket testing reportedly ended when the Navy's lease with the Army expired in 1968. Although the area is inactive, numerous M-16 rifle-blanks found during a 1992 site visit suggest that this area was used as a training area. Many buildings in Test Area E, although referred to as "buildings," are actually test turrets, rocket test stands, or concrete pads.

Test Area E consists of five structures (Buildings 3617, 3619, 3622, 3623, and 3627) and two test stands (Buildings 3618 and 3625). Steel supports, rubble, and four drainage pipes located south of Building 3627 indicate that additional structures, now demolished, may have been part of Test Area E.

Rocket testing evolved around rocket test stand E-1 located at the northern end of Building 3618. Rocket engine testing occurred over a 65-foot-deep, water-filled, rectangular pit located behind Building 3618. The water in the pit was reportedly used to absorb the force of rocket engine exhaust. According to the 1991 ANL RI Concept Plan (ANL 1991), the exhaust pit was lined with gunnite in 1965 or 1966 to prevent leaking. Before the exhaust pit was lined, however, materials in the exhaust pit most likely leached into the ground. Located on the first floor of Building 3618 was a tank room for fuel and oxidizer storage and separate cascade rooms for pressurizing fuels with nitrogen. A 2,500-gallon outdoor liquid oxygen (LOX) tank, Building 3619, was set

above ground on four cement pilings and was associated with testing at Building 3618. The LOX tank has been removed but the cement pilings remain.

The control room for Test Stand E-1 was located below grade in Building 3617. Electrical cables connected the two buildings via a vaulted utility conduit. Building 3617 also contained a garage, a small components laboratory, and a boiler heated by fuel oil stored in an adjacent UST. Solvents such as TCE and acetone are documented as having been used in Building 3617. Wastewater from this building was discharged to a dry well located northwest of the building.

Building 3622 is a 400,000-gallon water storage tank reportedly used for supplying water for rocket test cooling, washdown, and regional fire control. A vaulted rocket quench-water pump connected Building 3622 with Buildings 3617, 3618, and 3625.

A 1969 Picatinny inventory listed two transformer pads (TR-3617 and TR-3618) within Test Area E. The Picatinny transformer database lists three 37.5-KVA transformers on TR 3617 which were in poor and leaking condition prior to their removal and disposal in the 1990s. However, the three transformers were not contaminated with PCBs. Two 50-KVA transformers were also identified as being in very bad condition and located on TR 3618. The Picatinny transformer database indicated, however, that these transformers were not PCB-contaminated. A third transformer pad, TR 3627, currently abandoned, was observed during the ICFKE site visit. There is no information regarding the PCB status of former transformers on this pad.

Surface water and groundwater at Site 4 are discussed and addressed under the Group 3 Sites FS (Shaw 2005f).

3.44.2 Previous Studies at Site 4

The previous soil investigations conducted at Site 4 are summarized below. Investigations regarding other media at Site 4 are discussed in the Group 3 Sites FS (Shaw 2005f). Additional detail can be found in the Phase II Group 3 RI Report(IT 2001b).

Test Area D

UST #48 Closure and DICAR at Building 3603 – Upon removal of UST#48, a discharge was noticed from a leak at the top of the tank. TPH concentrations in the

excavation ranged from 128 to 1,570 mg/kg. Contaminated soil was excavated and disposed off-site.

UST #49 Closure at Building 3608 – Based on remedial soil sampling and analyses, no further action was recommended.

Test Area E

UST Closures at Building 3617 and Building 3623 (CEA, Picatinny DICAR Report) – Two #2 fuel oil USTs in adjacent buildings were removed in 1990. Based on post-remedial soil sampling and analyses for TPH, which were less than NJDEP cleanup standards, no further action was recommended.

Building 3618 Site Investigation (Dames and Moore 1989) – Four soil samples were collected behind Building 3618. The report concluded that neither surface water nor soils in Test Area E were contaminated.

Phase II RI Sampling:

The Phase II (Round 1) RI sampling activities at Site 4 were conducted between May 1995 and November 1996. Subsequent Group 3 RI field operations were conducted at Site 4 from December 1997 to April 1998. ERA sampling for the RI occurred from May through December 1998. Overall, the Phase II RI sampling program for Site 4 included the following:

- Performance of two geophysical surveys.
- Performance of two soil gas surveys.
- Collection of 52 surface soil samples at 25 locations – These surface soil samples included four samples at monitoring well locations, two samples at soil boring locations, and two samples at test pit locations. Samples 4SS-6A and 4SS-13A were collected near transformer pads.
- Collection of 43 subsurface soil samples – These samples included 17 subsurface soil samples at nine surface soil locations, 18 samples at monitoring well locations, four samples at soil boring locations, and four samples at test pit locations.

- Soil samples were collected at the outfalls of the Test Area D sump and the Test Area E sump.

- Excavation of two test pits to investigate the two anomalies identified with the geophysical survey at the south and west sides of Building 3617 at Test Area E. Test Pit 4TP-1, located to the south of Building 3617.

- Installation of two soil borings and collection of four subsurface soil samples.

As part of a separate action, the sumps in Test Area D and Test Area E were removed in 2004.

3.44.3 Nature and Extent

Data available in the Picatinny data base is included in Appendix A. Figure 3-105 shows the locations where constituent concentrations exceeded the SC.

Aroclor 1254 (SC = 1 mg/kg) was detected in surface soils at three sample locations. The highest concentration of 2.7 N mg/kg was detected at sample location J-4-SS-014A, 0-1 ft bgs. No other constituents were detected at concentrations greater than the respective SC in surface soils at Site 4.

Results for sediments, surface water, and groundwater at Site 1 are discussed in the Final FS, Group 3 Sites (PICA-008) (Shaw, 2005d), and are addressed in the Final Pre-Design Technical Memorandum for Groundwater and Sediments, Group 3, Sites 1, 2 , and 4 (PICA-008) (ARCADIS, 2009c).

3.44.4 Summary of Risk Assessment

3.44.4.1 Human Health

An HHRA was completed in 2001 for Site 4 receptors in the Phase II Group 3 Sites RI Report (IT 2001b). The estimated reasonable maximum exposure risks for reasonable, anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk and noncarcinogenic hazard at Site 4 are summarized in Table 3-1.

Current human health risks under reasonable, anticipated future use scenarios are:

- Current Outdoor Maintenance Worker: carcinogenic risk of 7E-06 and a noncarcinogenic HI of <1;

- Future Outdoor Maintenance Worker: carcinogenic risk of 7E-06 and a noncarcinogenic HI of <1;

- Current and Future Industrial/Research Worker: carcinogenic risk of 1E-05 and a noncarcinogenic HI of <1; and

- Future Construction/Excavation Worker: carcinogenic risk of 9E-07 and a noncarcinogenic HI of <1.

No additional human health risks were calculated for hypothetical use scenarios.

3.44.4.2 Lead Blood Model Results

The lead blood model was not calculated for soils at this site as lead was not identified as a COPC in this media.

3.44.4.3 Ecological

Potential impacts to upper trophic level terrestrial species such as small mammals (white-footed mouse *Peromyscus leucopus*), worm-eating birds (woodcock, *Scolopax minor*), and carnivorous birds (barred owl, *Strix varia*) at Site 4 were evaluated by calculating EEQs for each species through a food web exposure model (IT. 2000). The EEQs represent the ratio of potential exposure concentrations to toxicological benchmarks. An EEQ value less than 1 indicates that the potential for risk is minimal. The calculated EEQs were less than 1 for all chemicals with the exception of the arsenic and aluminum EEQ for the white-footed mouse, which were slightly elevated. Based on these results, it was determined that risks to terrestrial receptors were minimal and did not require further evaluation at this site (IT 2000; Shaw 2005f).

3.44.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonable, anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-04 and 1E-06;

- The noncarcinogenic hazard is less than the threshold of 1;
- Lead in sump sediment is not a concern as the average concentration is less than the calculated PRGs; and
- The ecological risk for terrestrial species is minimal.

No additional human health risks were calculated for hypothetical use scenarios. Groundwater at this site is being handled under a separate CERCLA action.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because residential use risk scenarios were not evaluated and concentrations of some constituents exceed residential screening criteria, this site cannot be released for unrestricted use.

3.45 PICA-013/Site 78 – Building 91, Optics Prototype Facility

3.45.1 Site History

The only media addressed for this site in this FS are soil and sediment. The other media at this site have been addressed under separate CERCLA Decision Documents.

Environmental impacts at Site 78 (PICA-013) are associated with historical activities conducted at Building 91. The RI Reported that the building was constructed in 1942 as a storehouse and supply building, and contained an optics laboratory in which operations were conducted between 1980 and the mid-1990s. Currently, an office space is located within Building 91, and the loading docks receive materials, some of which are hazardous.

The RI Reported operations carried out in the former optics laboratory involved the storage and use of aluminum powder, copper powder, phosphoric acid, nitric acid, hydrochloric acid, sulfuric acid, ceric oxide, blasting grit, Freon, epoxy, chrome, and acetone. A hazardous waste storage area was located at the north end of the building, in which sodium hydroxide, nitric acid, oil (silicon), machine shop cutting fluids, boric acid, silver-containing photograph development fluid, and potassium borate were stored (Shaw 2005g).

Two Number 2 fuel oil USTs were located on the southeast side of Building 91: one 3,000 gallon tank was situated approximately 7 ft south of the loading dock area, and

one 7,500 gallon tank was located approximately 60 ft east of the new utility room. The tanks were reported active until 1998, with no record of any spills. Both USTs were removed in 1999, and replaced by one aboveground storage tank for fuel oil supply (Shaw 2005g).

As indicated in the Master Plan, there are currently plans for construction of a general purpose warehouse at PICA-013/Site 78.

Figure 3-106 shows the layout of Site 78.

3.45.2 Previous Investigations

Two surface soil samples were collected during the 1996 PA/SI, and were analyzed for VOCs, SVOCs, explosives, pesticides, PCBs, and metals.

As part of the Phase III-1A RI Sampling program, 25 surface soil samples were collected in multiple rounds of sampling.

- Thirteen samples were analyzed for SVOCs;
- Two samples were analyzed for SVOCs and explosives;
- Five samples were analyzed for PAHs;
- One sample was analyzed for VOCs, SVOCs, and PAHs; and
- Four samples were analyzed for VOCs.

Six sediment samples were collected during the Phase III-1A RI Sampling program.

- One sample was analyzed for VOCs, SVOCs, and metals;
- One sample was analyzed for SVOCs and metals; and
- Four samples were analyzed for VOCs.

3.45.3 Nature and Extent

Historical analytical data available from the Picatinny Database for Site 78 is included in Appendix A. The results of soil and sediment data are discussed in this FS; however, surface water and groundwater are addressed separately in the Site 78 (PICA-013) ROD (USEPA 2011). Figure 3-107 shows the locations of SC exceedances at Site 78.

Sixteen surface soil samples had detections of at least one of five SVOCs at concentrations greater than the respective SC; benz(a)anthracene (SC = 2 mg/kg), benzo(a)pyrene (SC = 0.2 mg/kg), benzo(b)fluoranthene (SC = 2 mg/kg), dibenz(a,h)anthracene (SC = 0.2 mg/kg), and indeno(1,2,3-c,d)pyrene (SC = 2 mg/kg). Maximum concentrations of 14.1 D mg/kg benz(a)anthracene, 10.7 mg/kg benzo(a)pyrene, 14.5 D mg/kg benzo(b)fluoranthene, 1.71 mg/kg dibenz(a,h)anthracene, and 6.51 mg/kg indeno(1,2,3-c,d)pyrene were all detected at sample location P-78-SS-005, 0-1 ft bgs. There were no other constituents detected in Site 78 soils at concentrations greater than the respective SC.

Methylene chloride (SC = 0.37 mg/kg) was detected at a concentration of 0.97 J mg/kg in sediment sample P-78-SD-001, and acetone (SC = 0.0087 mg/kg) was detected at a concentration of 0.06 J mg/kg at sediment sample P-78-SD-006. No other VOCs were detected in sediments at Site 78. Two sediment samples had detections of at least one of eight SVOCs at concentrations greater than the respective SC; benzo(a)anthracene (SC = 0.0317 mg/kg), benzo(a)pyrene (SC = 0.0319 mg/kg), benzo(b)fluoranthene (SC = 0.0272 mg/kg), benzo(k)fluoranthene (SC = 0.0272 mg/kg), chrysene (SC = 0.0571 mg/kg), fluoranthene (0.06423 mg/kg), phenanthrene (SC = 0.0419 mg/kg), and pyrene (0.0530 mg/kg). Maximum detections of 0.1 J mg/kg benzo(a)anthracene, 0.11 J mg/kg benzo(a)pyrene, 0.12 J mg/kg benzo(b)fluoranthene, 0.08 J mg/kg benzo(k)fluoranthene, 0.12 J mg/kg chrysene were detected at sediment sample location P-78-SD-002. Maximum detections of 0.31 J mg/kg fluoranthene, 0.15 J mg/kg phenanthrene, and 0.28 J mg/kg pyrene were detected at location P-78-SD-001. Six metals were detected at P-78-SD-001; 21.17 mg/kg arsenic (SC = 16 mg/kg), 4.35 mg/kg cadmium (SC = 1.7 mg/kg), 50.58 J mg/kg copper (SC = 28 mg/kg), 67.64 J mg/kg lead (SC = 38.8 mg/kg), 0.44 J mg/kg mercury (SC = 0.249 mg/kg), and 174.7 mg/kg zinc (SC = 171 mg/kg). Cadmium (2.13 mg/kg), copper (49.34 J mg/kg), lead (78.62 J mg/kg), and zinc (300.79 mg/kg) were also detected at P-78-SD-002. No other constituents were detected above the respective SC in sediments at Site 78.

Surface water and groundwater at Site 78 are discussed and addressed under the approved ROD for groundwater and surface water for Site 78 (PICA-013) (USEPA

2011). Drainages from Site 78 are addressed under the approved GPB/BSB ROD (Shaw 2004c).

3.45.4 Summary of Risk Assessment

3.45.4.1 Human Health

An HHRA was completed in 2005 for Site 78 receptors in the Site 78 RI Report and Groundwater Pilot Study Work Plan (Shaw 2005g). The estimated reasonable maximum exposure risks for reasonable, anticipated future use exposure scenarios are within or less than USEPA's generally acceptable risk range of 1E-06 to 1E-04. Within this range, site-specific decisions can be made regarding the need for remedial action. The results of the HHRA calculations for carcinogenic risk and noncarcinogenic hazard at Site 78 are summarized in Table 3-1.

Current human health risks under reasonable, anticipated future use scenarios are:

- Current and Future Industrial/Research Worker: carcinogenic risk of 1E-04; the noncarcinogenic HI was not calculated, as there were no noncarcinogenic COPCs in soil.

Additionally, human health risks were calculated for hypothetical use scenarios not reasonably anticipated and are as follows:

- Future Adult Resident (soil): carcinogenic risk of 2E-04/ noncarcinogenic HI was not evaluated.

- Future Child Resident (soil): carcinogenic risk of 1E-04/ noncarcinogenic HI was not evaluated.

3.45.4.2 Lead Blood Model Results

The lead blood model was not calculated at this site as lead was not identified as a COPC in site media.

3.45.4.3 Ecological

Site 78 is located in the southwest portion of Area P between Fourth Avenue and GPB. The entire area in the vicinity of the site is paved or maintained lawn, providing

essentially no suitable habitat for wildlife receptors. There are numerous drainage ditches which direct storm water runoff to GPB, however, these ditches do not represent significant aquatic habitat. It is important to note that potential risks associated with GPB itself, are addressed under the GPB and BSB ROD (USEPA USEPA. 2004b).

Soil samples collected in the vicinity of Building 91 indicate elevated levels of PAHs immediately adjacent to the building. In addition, PAHs and metals have been detected in the sediments of the drainage canals at concentrations above levels of concern. However, evaluations in GPB found no measurable biological impacts related to sediments downstream of Site 78 (Shaw 2004a).

Due to the limited extent of PAH contamination in soils and the lack of evidence indicating impacts associated with elevated PAHs and metals in sediments, an ecological evaluation was not recommended for Site 78 (Shaw 2004a).

3.45.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonable, anticipated future use (military/industrial):

- The carcinogenic risk is within the generally acceptable risk range of 1E-04 and 1E-06;
- The noncarcinogenic hazard is less than the threshold of 1;
- Lead is not a COPC at this site; and
- Based on limited habitat and the lack of evidence indicating impacts associated with PAHs and metals in sediments and soils, significant impacts or ecological risks are not expected at this site.

Additional human health risks were evaluated for hypothetical residential use scenarios; however, the results of the evaluations indicate that the risks exceed the generally acceptable risk range, but the HIs are less than or equal to 1.

There are no unacceptable risks for the reasonably anticipated land use (military/industrial); however, because the hypothetical residential use risk scenarios

indicate risks and/or hazards that exceed the generally acceptable risk range or HI of 1, respectively, this site cannot be released for unrestricted use.

3.46 PICA-011/Site 122 – Building 60 Satellite Waste Accumulation Area

3.46.1 Site History

Site 122 encompasses Building 60 and is located in the central manufacturing area (Area D) situated in the southwestern portion of PTA. Building 60 is located at the southern corner of the intersection of Second Avenue and Fourth Street, along the northern bank of BSB. Building 60 is encircled by Buildings 22 and 64 (buildings along the southern bank of BSB) to the east-southeast, Building 24 to the northeast, Building 66 to the northwest, and Building 63 to the southwest. Building 60 was constructed in 1942 as an environmental testing laboratory and is a one-story hollow tile wall building with a floor area of approximately 28,646 square feet (ft^2). The building has a concrete foundation, a concrete floor, and a gable roof truss covered with corrugated asbestos. Figure 3-108 presents the layout of Site 122.

Over the years, Building 60 has primarily been used as a testing laboratory. Various types of testing conducted in the building include: ballistic air gun launch testing, drop testing, solar radiation testing, and mechanical stress, shock, vibration, jolt, and static load testing. Additionally, until 1984, inert radioactive warheads testing was performed in this building. Radioactive materials were stored in a vault located at Building 60. According to PTA personnel, no radioactive material is currently being stored in this vault.

The various testing equipment and machines at Building 60 utilize lubricating, hydraulic, and heating oils. Heating oils were formerly stored in Building 60-A, which was located on the west side of Building 60. No information was available on the current storage location of the heating oils at Building 60. The heating oils are used in various types of temperature testing equipment to raise the temperature of circulating water within the system. The recirculation water/steam was discharged into BSB via various pipes projecting out of the southern wall of the building. This discharged has since been discontinued. Waste oils that are generated from the testing equipment are stored at a satellite location area within the building. This storage area is currently equipped with a secondary containment unit. The waste accumulated in this area is picked up by PTA's disposal contractor. Prior to about 1991, the waste oil drums generated at Building 60 may have been stored on a concrete pad or at a former oil storage shed located adjacent to one of the loading docks on the west side of Building

60. Although the nature and quantity of other wastes generated at Building 60 is unknown, a document prepared in February 1980 indicates that a drum of TCE was being stored in Building 60 at that time.

3.46.2 Previous Investigations

Seven environmental investigations and sampling events have been conducted at Site122/ PICA-011: ARDEC site investigation and cleanup for a dismantled projectile from 1987 to 1988, Water Discharge Investigation in 1990 (Foster Wheeler), SI in 1991 (Chemical Waste Management), Phase I RI in 1995 (Dames & Moore), and Supplemental Phase I RI in 1996 (Dames & Moore 1998), Delineation Sampling events in 1998 and 1999 (IT 1999), and PCB Soil and Sediment Removal Action in 2000 (Shaw 2003).

Following a release incident involving dust of depleted uranium and beryllium in November 1987 when a projectile was dismantled in the Telemetry storage room at Building 60, several wipes and air samples were collected to assess and delineate the extent of contamination. Decontamination operations were performed in February 1988. Additional confirmatory air and wipe samples were collected in 1988 following the cleanup operation.

The Water Discharge Investigation was performed in July 1990 for all ARDEC buildings to identify water discharges emanating from the buildings. Dye tests performed at Building 60 did not indicate any waste streams being discharged to the storm water or BSB.

During the 1991 SI activities, five soil samples were collected underneath a former oil storage shed and a concrete pad that were used to store oil. The concrete pad and the oil storage shed were located adjacent to a loading dock on the west side of Building 60. All five samples were analyzed for VOCs, BNAs, and TPH.

The 1995 Phase I RI included the following field activities:

- A radiological survey;
- Collection of six surface soil samples at locations SS122-1 to SS122-6;
- Collection of five subsurface soil samples at locations SB122-1 and SB122-2; and

- Collection of three surface water/sediment samples at locations SW/SDBS-22 to SW/SDBS-24.

The radiological survey was conducted to identify areas of contamination that might have resulted from spills, leaks, and releases due to handling radioactive material. This survey covered a perimeter of approximately 20 ft around the outside of Building 60.

The surface and subsurface soil samples were analyzed for TCL VOCs, BNAs, TAL metals plus cyanide, explosives, and radiological parameters, including gross alpha, gross beta, and gamma radiation. Additionally, surface soil samples were field tested for PCBs, and one subsurface sample was tested for pesticides/PCBs. The surface water and sediment samples were analyzed for VOCs, BNAs, pesticides/PCBs, metals, cyanide, and TPH.

In order to further characterize the contamination at Site 122, a Supplemental Phase I RI was conducted in 1996. A total of eleven surface soil samples were collected. Eight surface soil samples (122-SS-008 through 122-SS-015) were analyzed for SVOCs, PCBs, and TAL Metals. Two surface samples (122-SS-016 and 017) were analyzed for SVOCs, and one surface sample was analyzed for SVOCs and PCBs (122-SS-018). In addition, four subsurface soil samples were collected to determine the vertical extent of PCB contamination at the west side of the building. Only one groundwater sample was collected and analyzed for PCBs.

Additional sampling activities were conducted in 1998 and 1999 to further delineate the horizontal and vertical extents of PCB contamination identified during RI sampling events at both sides of the building 60. A total of 21 surface soil samples were collected and analyzed for PCBs. In addition, a total of five sediment samples were collected to delineate the extent of PCB contamination in the portion of BSB adjacent to the site. The samples were collected either from 0 to 1 ft or 1 to 2 ft below the top of the sediment and analyzed for PCBs. Upon completion of delineation, four areas with PCB levels above 2.0 ppm, the New Jersey non-residential risk based action level, were identified for removal around Building 60.

During the PCB Soil and Sediment Removal Action in 2000, all PCB-impacted soil with concentrations greater than 2.0 mg/kg was removed to meet the standards at that time, except the south and west sides of W3 areas. In those areas, Aroclor 1248 was present at concentrations greater than the current LOC (1 mg/kg) in post-excavation soil samples D-122-2D9, 2-2.5 ft bgs (64 D mg/kg) and D-122-W3-SW-S(H), 0-0.5 ft bgs (2.6 D mg/kg). These sample locations were not excavated due to their proximity

to pavement at Second Avenue and at a loading dock driveway, which were active PTA areas. It is stated in the approved work plan that the excavations had to be terminated at pavement and building structures to avoid damaging parts of the PTA infrastructure that are currently in use (Shaw 2000). Sample locations which exceeded the LOC for PCBs and were removed from excavation E-1 include: D-122-GR-001 through D-122-GR-027, D-122-SB-001 through D-122-SB-003, D-122-SS-014, and D-SS122-5. Locations removed from excavation W-1 include D-122-SS-1-1 and W-122-SS-1-4. Locations removed from W-2 include D-122-SS11-001through D-122-SS-011-004, and D-122-SS-011. Locations removed from excavation W-3 include D-122-2D5, D-122-SS12-001 through D-122-SS12-005, and D-122-SS-012. These sample locations are not shown in the figures in order to show the post excavation sample locations clearly. It is estimated that a total of 387 cubic yards of soil and sediment were removed during the remedial action.

Data available from the PTA database for Site 122 are provided in Appendix A, and historical sampling locations are shown in Figure 3-109.

3.46.3 Nature and Extent

In surface soils, six SVOCs were detected in at least one surface soil sample at concentrations greater than the LOC. Maximum concentrations of 50 mg/kg benzo(a)pyrene (LOC = 0.2 mg/kg), 200 mg/kg benzo(b)fluoranthene (LOC = 2 mg/kg), 24 mg/kg benzo(k)fluoranthene (LOC = 23 mg/kg), 4.2 mg/kg dibenz(a,h)anthracene (LOC = 0.2 mg/kg), and 100 mg/kg indeno(1,2,3-c,d)pyrene (LOC = 2 mg/kg) were detected at D-SS122-6. A concentration of 50 mg/kg benzo(a)pyrene was also detected at D-SS122-2. A maximum concentration of 8.8 benz(a)anthracene (LOC = 2 mg/kg) was detected at sample location D-SB122-2.

After the 2000 PCB removals described above, one post excavation surface soil sample still exceeded the former LOC for Aroclor 1248, which was 2 mg/kg, at location D-122-W3-SW-S(H) with a concentration of 2.6 mg/kg. This sample was left in place due to its proximity to existing pavement. The surface soil sample collected at location D-SB122-2 had a detection of 21 mg/kg arsenic (LOC = 19 mg/kg). No other constituents are present in surface soils at concentrations greater than the LOCs. The radiological survey conducted as part of the Phase I RI did not identify any areas with unacceptable high levels of radiation (i.e. greater than 50 microrem per hour [µrem/hr]). The maximum radiation level was 7 rem per hour (rem/hr), which is 2 µrem/hr greater than the background level and did not exceed the action level.

In surface soils, one sample contained arsenic at a concentration of 21 mg/kg (LOC = 19 mg/kg). The three soil samples contained concentrations of manganese that exceeded the LOC of 5900 mg/kg, including D-SS122-6, D-122-SS-008, and D-122-SS-009, which had respective concentrations of 15,000 mg/kg, 9530 mg/kg, and 7610 mg/kg.

In subsurface soils, five SVOCs were detected at concentrations greater than the LOCs. Maximum concentrations of 12 mg/kg benz(a)anthracene (LOC = 2 mg/kg), 13 mg/kg benzo(a)pyrene (LOC = 0.2 mg/kg), 15 mg/kg benzo(b)fluoranthene (LOC = 2 mg/kg), 2.5 mg/kg dibenz(a,h)anthracene (LOC = 0.2 mg/kg), and 9.4 mg/kg indeno(1,2,3-c,d)pyrene (LOC = 2 mg/kg) were detected at D-SB122-1, 2-4 ft bgs. In addition, sample D-122-2D9 was left in place after the PCB soil removals with a concentration of Aroclor 1248 of 64 mg/kg even though it exceeded the former LOC (2 mg/kg) due to its proximity to existing pavement. No other constituents are present in subsurface soils at concentrations greater than LOCs.

In sediments, one dioxin, 0.12 mg/kg octachlorodibenzodioxin (LOC = 0.0085 mg/kg), was detected at sample location D-B-SB-SD-33. Six pesticides were also detected at this location; 0.2 mg/kg 4,4'- Dichlorodiphenyldichloroethane (DDD) (LOC = 0.00354 mg/kg), 0.11 mg/kg 4,4'- Dichlorodiphenyldichloroethylene (DDE) (LOC = 0.00142 mg/kg), 0.06 dieldrin (LOC = 0.00285 mg/kg), 0.04endrin (LOC = 0.00267 mg/kg), 0.05 mg/kg gamma-chlordane (LOC = 0.0003 mg/kg), and 0.01 mg/kg heptachlor (LOC = 0.0006 mg/kg). PCBs were detected at concentrations greater than LOCs in seven sediment samples. The maximum concentration of 27 mg/kg Aroclor 1248 (LOC = 0.0341 mg/kg) was detected at D-122-E1B-SW-WA. The maximum concentration of 3.37 mg/kg Aroclor 1254 (LOC = 0.06 mg/kg) was detected at D-B-SB-SD-33, and the only concentration of 0.52 mg/kg Aroclor 1260 was detected at D-122-E1B-SW-EA. Seven metals were detected in one sediment sample, D-B-SB-SD-33, at concentrations greater than LOCs; 57.7 mg/kg cadmium (LOC = 1.7 mg/kg), 953 mg/kg chromium (LOC = 37.3 mg/kg), 349 mg/kg copper (LOC = 28 mg/kg), 168 mg/kg lead (LOC = 38.8 mg/kg), 2.16 mg/kg mercury (LOC = 0.249 mg/kg), 2.43 mg/kg silver (LOC = 1 mg/kg), and 349 mg/kg zinc (LOC = 171 mg/kg). Constituents in sediments at Site 122 are addressed as part of Region 3 in the Final Record of Decision, Green Pond Brook/Bear Swamp Brook (Shaw 2004c).

The only constituent detected in groundwater at a concentration greater than the LOC was 17.7 ug/L Aroclor 1248 (LOC = 0.5 ug/L), in a sample collected from D-122-GW-001 in July 1997. The primary source for groundwater contamination in this area has been removed, during the PCB Soil and Sediment Removal Action conducted in 2000.

Constituents in groundwater at Site 122 are addressed under the Final Record of Decision, Area D Groundwater (Shaw 2004).

3.46.4 Summary of Risk Assessment

3.46.4.1 Human Health

An HHRA was completed as part of the Phase I Remedial Investigation Report (RIR) (1995). The results of HHRA calculations for carcinogenic risk and noncarcinogenic hazard at Site 122 are summarized in Table 3-1. There are no cancer risks that are greater than the generally acceptable risk range (1E-4 to 1E-6). The noncarcinogenic hazard is driven by inhalation of manganese.

Current human health risks under reasonably anticipated future use scenarios at Site 122 are:

- Current Outdoor Maintenance Worker: carcinogenic risk of 2E-5/ noncarcinogenic hazard index less than 1.

- Future Industry/Research Worker: carcinogenic risk of 1E-4/ noncarcinogenic hazard index of 8.

- Future Construction/Excavation Worker: carcinogenic risk number of 5E-5/ noncarcinogenic hazard index of 40.

The estimated reasonable maximum exposure risks for reasonably anticipated future use exposure scenarios are within USEPA's risk range (1E-6 to 1E-4). The estimated noncarcinogenic hazard index for industrial/research worker and construction/excavation worker are 8 and 40, respectively, which are greater than USEPA's non-cancer hazard threshold of 1. The constituent driving the hazard for both of these scenarios is manganese. While the calculated hazard indices for the industrial/research worker and construction/excavation worker exceed the threshold of 1, the soil exposure point concentration for manganese is less than the USEPA's soil remediation goal for manganese (23,000 mg/kg).

3.46.4.2 Lead Blood Model Results

Lead was not a COPC at this site, and the Lead Blood Model was not evaluated.

3.46.4.3 Ecological

The Phase I ERA (Dames & Moore, 1997;1998 [PTA.D&M.0042, PTA.D&M.0043]) indicated that there were elevated levels of aluminum and lead in plants, but no evidence that the plant community had been adversely affected. Similarly, concentrations of aluminum, copper, manganese, 4,4'-DDE, 4,4'- DDT, endrin aldehyde, and heptachlor epoxide had bioaccumulated were detected in small mammals, but no associated impact was identified. A food web model indicated potential risk to avian species from bis(2-ethylhexyl)phthalate and metals, however, when the relatively small size of usable habitat and very high human use of the area is considered, exposures to wildlife are likely to be much less. Based on these considerations, risks to ecological receptors are considered to be minimal.

3.46.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site for current and reasonably anticipated future use:

- The carcinogenic risk is within the generally acceptable risk range of 1E-4 and 1E-6;
- The noncarcinogenic hazard is greater than 1;
- Lead is not a COPC at this site; and
- Ecological risks are considered to be minimal.

The estimated reasonable maximum exposure risks for reasonable anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-6 to 1E-4. Although the calculated hazard indices for the industrial/research worker and construction/excavation worker exceed USEPA's noncancer hazard threshold of 1 due to manganese, the soil concentrations for manganese is less than the USEPA's soil remediation goal for manganese (23,000 mg/kg). The USEPA and Army agreed as part of the 5-Site Dispute Resolution that soil ARARs will not be required to be attained at Site 122 since USEPA's soil remediation goal of 23,000 mg/kg for manganese, the only contaminant that need to be addressed at this site, was not exceeded (USEPA, 2014). Thus although a noncancer hazard was calculated, contaminant concentrations at this site do not present a noncancer hazard that must be actively mitigated. However, to mitigate potential future risks and hazards if released for unrestricted use,

3.47 PICA-107/Site 138 – Buildings 404, 407 & 408, Chemical Lab & Propellant Plant

3.47.1 Site History

Site 138 includes Buildings 404, 407, and 408. The layout of Site 138 is shown on Figure 3-110.

Building 404 is a one-story 160 ft x 40 ft structure that was constructed in 1906 as a storehouse for sodium nitrate. The building has a gable roof, concrete and brick walls, and is covered with metal siding. The building was modified in the 1950s for use as a scientific laboratory. The laboratory was used for conducting physical research, including bomb testing and pyrometry. A physical-chemical laboratory was located in Building 404 from 1958 to 1975. Building 404 is used as a machine shop and for testing burning propellants.

Building 407 is a one-story 225 ft x 165 ft structure with a concrete foundation, concrete block walls, and a large interior courtyard. Building 407 was constructed in 1942 as an experimental chemistry laboratory, and was subsequently used as an energetics laboratory for propellant manufacturing. According to a 1989/1990 study, a former machine shop was also located in Building 407; however, the exact location of the machine shop within the building is unknown. The last reported use of Building 407 is for electronic testing. Potential waste streams generated at Building 407 include photographic wastes, paints, TCE, spent heavy metals, and empty paint cans.

Building 408 is an 85 ft x 40 ft structure with a structural steel frame encased in concrete, hollow tile infill, and a corrugated metal-covered roof. Building 408 was constructed in 1920 for the experimental loading and nitrating of cottons, linens, and wood pulp for the production of nitrocellulose. Building 408 was modified between 1957 and 1962 for use as a chemical research facility in the experimental pressing of explosives. In 1974, the building was used as a lead azide production facility. A fire in 2001 destroyed most of the building's interior. Building 408 is currently planned for demolition.

3.47.2 Previous Investigations

The 1989 to 1990 study involved sampling and analysis of groundwater from wells (F-PW-410 and F-PW-430 A) and an inspection of buildings and other structures within 500 ft of each well. Well F-PW-430 A is not associated with Site 138. The water samples were analyzed for halogenated compounds and aromatic compounds.

Additional groundwater investigations at Site 138 have been conducted and are discussed in detail in the Mid-Valley Groundwater Feasibility Study (ARCADIS 2007).

The 1991 USGS reconnaissance investigation involved a soil gas survey, drive point groundwater sampling, and groundwater flow path analysis. The soil gas survey was performed in the vicinity of water supply well F-PW-410 between July 26, 1990 and August 24, 1990. A total of 47 soil gas samples were collected from 3-4 ft bgs within 500 ft of well F-PW-410 and analyzed for VOCs. Drive point groundwater samples were also collected at multiple depths as part of the investigation. The drive point groundwater sample locations were selected using the soil gas survey results and a total of 21 groundwater samples were collected and analyzed for VOCs. The USGS assessed groundwater flow paths in the vicinity of well F-PW-410 to evaluate how pumping the well influences local groundwater flow.

The Phase I RI (D&M 1998) consisted of thirty-three surface soil, six subsurface soil, three surface water, three sediment, and four groundwater samples. Samples were collected in 1993 and 1994 and analyzed for VOCs, SVOCs, explosives, pesticides/PCBs, cyanide, and metals.

In October 2000, Tank 408A and Tank 408B were removed from the north side of building 408 and closed in accordance with 40 CFR 264 and New Jersey Administrative Code 7:26G. Tank 408A was an underground storage tank constructed of approximately 10 inch thick concrete, and was used as a collection tank for wastes generated from Building 408. The material was drained into the tank via a stainless steel and concrete trough system. Tank 408B was an aboveground storage tank constructed of baffled metal. This tank was used as a neutralization tank for acids produced during manufacturing activities. Soil samples were collected around and beneath each tank center, as well as along the trough system. Chip samples were collected from the walls of Tank 408A. Arsenic, lead, thallium, and RDX were detected at concentrations above LOCs in samples from the Tank 408A area. Lead was detected at concentrations greater than the LOCs in samples collected from the former location of Tank 408B. In July 2001, approximately 18 cubic yards of soil were removed from the former location of Tank 408B. Post-excavation samples were below the LOCs for lead, and the excavation was backfilled to its original grade with certified clean fill. Closure reports for Tank 408A and Tank 408B were submitted to NJDEP in 2001.

The Phase I 2A/3A investigation consisted of sixteen surface soil samples, two subsurface soil samples, and seven sediment samples, collected between September

2000 and April 2001. Surface soil samples were analyzed for PAHs, pesticides, and inorganics. Subsurface soil samples were analyzed for PAHs. Sediment samples were analyzed for explosives and inorganics.

Data available from the PTA database for Site 138 are provided in Appendix A, and historical sampling locations are shown in Figure 3-111.

3.47.3 Nature and Extent

Twenty-nine surface soil samples had detections of at least one SVOC at concentrations greater than its respective LOC. The SVOCs detected at Site 138 were: benz(a)anthracene (LOC = 2 mg/kg), benzo(a) pyrene (LOC = 0.2 mg/kg), benzo(b)fluoranthene (LOC = 2 mg/kg), benzo(k)fluoranthene (LOC = 23 mg/kg), dibenz(a,h)anthracene (LOC = 0.2 mg/kg), indeno(1, 2, 3-c,d)pyrene (LOC = 2 mg/kg), and naphthalene (LOC = 17 mg/kg). Maximum concentrations of benz(a)anthracene (100 mg/kg) , benzo(b)fluoranthene (200 mg/kg), benzo(k)fluoranthene (90 mg/kg), and indeno(1, 2, 3-c,d)pyrene (70 mg/kg) were detected at location F-SS138-6. Maximum concentrations of benzo(a) pyrene (78 mg/kg) and dibenz(a,h)anthracene (13 mg/kg) were detected at sample location F-138-SS-036. The maximum concentration of naphthalene (20 mg/kg) was detected at sample location F-SS138-9.

The only PCB detected in surface soil in concentrations greater than its LOC (LOC = 1 mg/kg) for surface soil was Aroclor 1260, USAEC LH17, which was detected at a concentration of 1.8 mg/kg in surface soil sample at location F-SS138-10; however, for this same sample location and depth, the Aroclor 1260, USAEC LM25 result was not detected. Two pesticides were identified in surface soil samples in concentrations exceeding their respective LOCs: heptachlor epoxide, USAEC LH 17(LOC = 0.3 mg/kg) was detected at a concentration of 0.64 mg/kg at sample location F-SS138-13, dieldrin, USAEC LH 17 (LOC= 0.2 mg/kg) was detected at a concentration of 0.76 mg/kg at sample location F-SS138-5. Neither of these pesticides for these same sample locations were detected under the USAEC LM25 method. Two metals were detected in concentrations that exceeded the respective LOCs: arsenic (LOC = 19 mg/kg) was detected at sample location F-SS138-10 at a concentration of 20.5 mg/kg, and manganese (LOC = 5900 mg/kg) was detected at a concentration of 8500 mg/kg at sample location F-SS138-6. No other constituents were detected in concentrations greater than their respective LOCs for surface soil.

The only constituents detected in concentrations greater than their respective LOCs in subsurface soils, were PAHs. Concentrations of 1.8 mg/kg benzo(a) pyrene (LOC = 0.2

mg/kg), 5.8 mg/kg benzo(b)fluoranthene (LOC = 2 mg/kg), and 2.2 mg/kg indeno(1, 2, 3-c,d)pyrene (LOC = 2 mg/kg) were detected at subsurface soil sample location F-138-SS-035 at a depth of 2-3 ft bgs. Benzo(a)pyrene was also detected at a concentration of 0.23 mg/kg at location F-138-SS-036 at 2-3 ft bgs. No VOCs, explosives, pesticides, or metals were detected in subsurface soil samples at concentrations greater than LOCs.

Sediment samples were collected from a ditch that is north and northwest of Site 138 and leads to GPB. Sediment and surface water impacts in GPB areas south of the Picatinny Lake outlet were evaluated through the Green Pond and Bear Swamp Brooks Focused Feasibility Study (IT 2001) and resulting Record of Decision Green Pond Brook/Bear Swamp Brook (USEPA 2004b). From the samples collected in the vicinity of Site 138, two SVOCs, fluoranthene (LOC = 0.06423 mg/kg) and pyrene (LOC = 0.053 mg/kg), were detected at concentrations of 0.76 mg/kg and 0.86 mg/kg, respectively, at location F-SD138-3. Fluoranthene was also detected at location F-SD138-1 at a concentration of 0.4 mg/kg. Two pesticides were detected in the sediment sample from location F-SD138-1: 1.6 mg/kg 4,4'-DDD (LOC = 0.00354 mg/kg) and 3.2 mg/kg 4,4'-DDT (LOC = 0.00119). Two pesticides were also detected in the sediment sample from location F-SD138-2: 0.02 N mg/kg aldrin, USAEC LH 17 (LOC = 0.002 mg/kg), and the duplicate sample from the same location had a concentration of 0.01 mg/kg 4,4'-DDE, USAEC LH 17 (LOC = 0.00142 mg/kg).

Nine sediment samples had detections of at least one metal above LOCs. Maximum concentrations of beryllium (3.65 mg/kg, LOC = 2 mg/kg) and mercury (27 mg/kg, LOC = 0.249 mg/kg) were detected in the sediment sample from location F-SD138-3. Maximum concentrations of cadmium (3.1 J mg/kg, LOC = 1.7 mg/kg), manganese (2890 mg/kg, LOC = 1673 mg/kg), and zinc (301 mg/kg, LOC = 171 mg/kg) were detected in the sediment sample from location F-138-SD-004. Maximum concentrations of arsenic (23.7 mg/kg, LOC =16 mg/kg), copper (133 mg/kg, LOC = 28 mg/kg), and silver (6.9 mg/kg, LOC= 1 mg/kg) were detected in sediment samples at location F-318-SD-008. Maximum concentrations of chromium (522 mg/kg, LOC = 37.3 mg/kg) and lead (1060 mg/kg, LOC = 38.8 mg/kg) were detected in sediment samples from location F-SD138-1. No other constituents were detected with concentrations greater than the LOCs in sediment samples.

In surface water samples, which were collected in association with sediment samples, three metals were detected at concentrations greater than the LOC in at least one surface water sample at Site 138. Aluminum (LOC = 190 ug/L) and lead (LOC = 3.2 ug/L) were detected in samples from two locations. The maximum concentration of

aluminum (354 ug/L) was in a duplicate sample from location F-SW138-2, and the maximum concentration of lead (13 ug/L) was in a sample from location F-SW138-3. Mercury (0.53 ug/L, LOC = 0.05 ug/L) was also detected at sample location F-SW138-3. Cyanide was detected in a surface water sample from location F-SW138-1 at a concentration of 5.44 ug/L, which exceeded the LOC (5.2 mg/kg). No other constituents were detected in concentrations greater than the LOCs in surface water.

Samples from three groundwater wells at Site 138, F-PW-410, F-138-MW-003, and F-MW138-1, had detections of PCE (LOC = 1 ug/L) and/or TCE (LOC = 1 ug/L) at concentrations which exceeded the LOC. The maximum concentration of both PCE (14 ug/L) and TCE (8 ug/L) were in samples collected at F-MW138-1. The maximum TCE sample from this well was in a sample collected in 1994, and concentrations have decreased in each sample since this time. The most recent sample, in 2003, had a TCE concentration of 1.2 mg/kg. TCE has not been detected at levels greater than the LOC in any soils at this site.

One SVOC, bis(2-ethylhexyl)phthalate (LOC = 3 ug/L), was detected in a groundwater sample from location F-138-GG-001A. RDX (LOC = 2 ug/L) was detected in groundwater samples from four Site 138 groundwater wells. The maximum concentration of RDX, 15 D ug/L, was detected in a sample from location F-138-MW-004, in 1999. The most recent sample from this well, collected in 2008, indicates that the concentration of RDX has decreased to a concentration of 2.66 ug/L.

Nine metals, predominantly naturally occurring constituents, were detected at Site 138 in at least one groundwater sample at concentrations greater than the LOCs. The maximum concentration of 1.65 ug/L beryllium (LOC = 1 ug/L) was detected at location F-PW-410. The maximum concentrations of 29 ug/L lead (LOC = 5 ug/L), 120 ug/L nickel (LOC = 100 ug/L), and 60,200 ug/L sodium (LOC = 50,000 ug/L) were detected at location F-138-MW-003. The maximum concentrations of 27,000 ug/L aluminum (LOC = 200 ug/L), 8.8 ug/L arsenic (LOC = 3 ug/L), 32,400 ug/L iron (LOC = 300 ug/L), and 53 ug/L vanadium (LOC = 37 ug/L) were detected at location F-FGG-04A.The maximum concentration of 1070 ug/L manganese (LOC = 50 ug/L) was detected at location F-MW138-2. Constituents in groundwater at Site 138 are addressed under the Final Feasibility Study, Mid-Valley Groundwater (ARCADIS 2007).

3.47.4 Summary of Risk Assessment

3.47.4.1 Human Health

An HHRA was completed for Site 138 receptors and provided previously in the Phase II Remedial Investigation Report. The results of the HHRA calculations at Site 138 are summarized in Table 3-1.

Human health risks under current and reasonable anticipated future use scenarios are:

- Current and Future Industrial/Research Worker (Surface soil): carcinogenic risk number of 5E-5/ noncarcinogenic HI of less than 1.
- Current and Future Outdoor Maintenance Worker (Surface Soil): carcinogenic risk of 4x1E-6; noncarcinogenic HI of less than 1.
- Current and Future Construction/Excavation Worker (Total soil): carcinogenic risk of 1E-5/ noncarcinogenic HI of 6.

Additionally, human health risks were calculated for use scenarios not reasonably anticipated and are as follows:

- Current and Future On-Site Youth Visitor (Sediment): noncarcinogenic HI of less than 1.

The estimated reasonable maximum exposure risks for reasonable anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-6 to 1E-4. The estimated noncarcinogenic hazard index for the Construction/Excavation Worker is 6, which exceeds the USEPA's noncancer hazard threshold of 1. The constituent driving the hazard for this scenario is manganese. While the calculated hazard index for the construction/excavation worker exceeds the threshold of 1, the soil exposure point concentration for manganese is less than the USEPA's soil remediation goal for manganese (23,000 mg/kg).

3.47.4.2 Lead Blood Model Results

The current reasonably anticipated future scenarios were reevaluated at this site to reflect the current guidance for model input parameters as presented in Appendix C.

Human health risks associated with lead exposures under current and reasonable anticipated future use scenarios are:

- Current and Future Industrial/Research Worker (Surface Soil): No concern - average lead concentration of 98 mg/kg is less than the calculated PRG of 1,092 mg/kg.

- Current and Future Construction/Excavation Worker (Total Soil): No concern - average lead concentration of 92 mg/kg is less than the calculated PRG of 957 mg/kg.

3.47.4.3 Ecological

The results of the Phase I ERA (Dames and Moore 1998) indicated potential risks to receptors with small home ranges and to soil invertebrates. Therefore, additional investigations were conducted in Area F as part of Phase III (Shaw, 2007), including a breeding bird survey, wildlife exposure modeling, a small mammal survey, and a rodent sperm analysis. The results of the food web model indicated EEQs greater than 1 for several inorganic chemicals for the white-footed mouse and the American Robin. However, the small mammal survey, rodent sperm analysis and breeding bird survey all indicated that the populations at the site were comparable to reference. Therefore, the overall weight of evidence at the site is that there are no significant effects on the ecological populations.

3.47.4.4 Summary of Risks and Hazards

Based on the risk assessments performed for this site, for current and reasonably anticipated future use:

- The carcinogenic risk is within USEPA's generally acceptable risk range of 1E-4 and 1E-6;

- The noncarcinogenic hazard is less than 1 for the Industrial/Research Worker and Outdoor Maintenance Worker scenarios. The noncarcinogenic hazard is greater than 1 for the Construction/Excavation Worker scenario (HI = 6);

- Lead is not a concern at this site as the average concentrations do not exceed the scenario-specific PRGs; and

- The overall weight of evidence indicates no significant effects on ecological populations at the site.

The estimated reasonable maximum exposure risks for reasonable anticipated future use exposure scenarios are within USEPA's generally acceptable risk range of 1E-6 to 1E-4. Although the calculated hazard index for the construction/excavation worker exceed USEPA's noncancer hazard threshold of 1 due to manganese, the soil concentrations for manganese is less than the USEPA's soil remediation goal for manganese (23,000 mg/kg). The USEPA and Army agreed as part of the 5-Site Dispute Resolution that soil ARARs will not be required to be attained at Site 138 since USEPA's soil remediation goal of 23,000 mg/kg for manganese, the only contaminant that need to be addressed at this site, was not exceeded (USEPA, 2014). Thus although a noncancer hazard was calculated, contaminant concentrations at this site do not present a noncancer hazard that must be actively mitigated. However, to mitigate potential future risks and hazards if released for unrestricted use,

4. Response Action

The purpose of the FS is to evaluate RAs that will ensure that site conditions remain protective for the current and reasonably anticipated future use.

4.1 Scope of the Response Action

Site 36 and Site 154 are suitable for unrestricted use because these sites do not pose unacceptable risks to human health and the environment. At Site 122 and 138, the results of the site–specific HHRA indicate that, while there are no unacceptable risks there is an unacceptable hazard due to manganese. Therefore, these sites cannot be released for unrestricted use and are evaluated for a response action. For the remaining 44 sites, the results of the site-specific HHRAs indicate that while there are no unacceptable risks or hazards under the current and reasonably anticipated future use, they cannot be released for unrestricted use and are evaluated for a response action.

4.2 Identification of Applicable or Relevant and Appropriate Requirements

Because there are no unacceptable risks to human health and the environment at these sites for the current and reasonably anticipated future use no applicable or relevant and appropriate requirements (ARARs) are identified. At the two sites with calculated unacceptable noncancer hazard indices (Sites 122 and 138), the USEPA and Army agreed as part of the 5-Site Dispute Resolution that soil ARARs will not be required to be attained at Sites 122 and 138 since USEPA‘s soil remediation goal of 23,000 mg/kg for manganese, the only contaminant that need to be addressed at these sites, was not exceeded (USEPA, 2014). Thus although a noncancer hazard was calculated, contaminant concentrations at these sites do not present a noncancer hazard that must be actively mitigated and no ARARs are identified

4.3 Remedial Action Objectives

Remedial action objectives are established to address unacceptable risks. Because there are no unacceptable risks to human health and the environment at these sites for the current and reasonably anticipated future use no remedial action objectives are identified.

4.4 Identification of Contaminants of Concern

There are no contaminants of concern identified by the risk assessment for these sites.

4.5 Identification of Cleanup Goals

There are no clean up goals identified for these sites in the absence of risk and contaminants of concern.

4.6 Areas of Attainment

There are no areas of attainment for these sites as there are no remedial action objectives identified. However, with the exception of Sites 36 and 154, which are suitable for unrestricted use, the sites included in this FS have been evaluated for two alternatives: NFA and NFA with Monitoring of Land Use.

5. Identification and Screening of Remedial Technologies

Engineered remedial technologies are not identified as there are no unacceptable risks to address for these sites.

6. Development of Response Action Alternatives

As noted in the previous sections, none of the sites in this FS pose any unacceptable risk to human health or the environment for the existing and reasonably anticipated land use (military/industrial). At Sites 122 and 138, the USEPA and Army agreed as part of the 5-Site Dispute Resolution that soil ARARs will not be required to be attained at Site 138 since USEPA's soil remediation goal of 23,000 mg/kg for manganese, the only contaminant that need to be addressed at these sites, was not exceeded (USEPA, 2014). Therefore, only two RAs were developed and evaluated in this FS including:

- Alternative 1 – No Further Action; and
- Alternative 2 – No Further Action with Monitoring of Land Use.

Each of these alternatives is described in detail in the following sections.

6.1 Alternative 1 – No Further Action

Under Alternative 1, no corrective action of any kind would be employed. Although there are no unacceptable risks for the existing or reasonably anticipated future land use, the NFA Alternative would not control changes in land use that may lead to unacceptable risks should land use change to residential or other uses inconsistent with the risk assessment assumptions. It should be noted, however, that unrestricted use is not a reasonably anticipated future use for any of these sites. There is no cost associated with this alternative.

6.2 Alternative 2 – No Further Action with Monitoring of Land Use

Under Alternative 2, existing controls will be monitored and maintained to ensure protection of human health and prevent unrestricted use. Picatinny has controls in place as components of regular facility operations, which prevent unrestricted use, including: Picatinny access regulations; Picatinny safety program; Army military construction program development and execution; site clearance/soil management procedures; munitions and explosives of concern clearance procedures; Picatinny Installation Master Plan environmental notations, which includes the Picatinny Geographic Information System (GIS or EPRISM) Database that shows the boundaries of each site and any land use restrictions; and procedures followed by the Environmental Directorate of Public Works of the Picatinny Garrison to ensure environmental compliance for construction and other projects. An example of these

procedures includes the use of the Picatinny Environmental Management System and its corresponding database. In addition, as noted above, Picatinny Arsenal also has an existing CEA to address the minor, isolated concentrations of constituents that are greater than screening levels in groundwater. Under the CERCLA/NCP process, the "No Further Action" response is considered to be protective of human health and the environment. To ensure the existing land use remains intact, the Army will conduct annual monitoring. Sites will be visited each year to monitor existing land use, and the Picatinny Master Plan will be reviewed to identify planned future land uses for the sites. The physical site inspection, photographs, and review of land use will be summarized and certified to the USEPA annually. The certification will state that all sites remain military/industrial, that existing controls which prevent unrestricted use remain in place and the selected No Further Action remedy remains protective of human health and the environment. CERCLA Five-Year Reviews will be performed and summarize the results of the monitoring certifying that land use at these sites remained protective of human health. The Army will also notify the USEPA 45 days in advance of any proposed land use changes that are inconsistent with the risk assessment assumptions (military industrial land use). If future land use changes and additional response actions are required to address a risk associated with that land use change, any dispute regarding the extent or scope of that response action will be settled between the USEPA and the Army under the dispute resolution clause of the FFA.

7. Evaluation of Remedial Alternatives

This section presents an analysis of both remedial action alternatives developed in previous sections. These analyses are intended to aid in the selection of an RA that best satisfies the criteria identified in the NCP (USEPA 1990) for sites included in this FS.

7.1 Evaluation Criteria

Section 300.430(e) of the NCP lists seven criteria against which each RA must be assessed. The first two criteria are threshold criteria that must be met by each alternative. The next five criteria are the primary balancing criteria upon which the analysis is based. The final two criteria are referred to as modifying criteria and are applied after the subsequent public comment period to evaluate state and community acceptance. The acceptability or performance of each RA against the criteria is evaluated individually so that relative strengths and weaknesses may be identified.

The two threshold criteria are:

- Protection of human health and the environment; and
- Compliance with ARARs.

The five primary balancing criteria upon which the analysis is based on are:

- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume through treatment;
- Short-term effectiveness;
- Implementability; and
- Cost.

The two modifying criteria will be evaluated following comments on the Proposed Plan and will be described in the ROD. The modifying criteria are not addressed in this FS. These criteria are:

- State acceptance; and
- Community acceptance.

7.1.1 Overall Protection of Human Health and the Environment

This criterion addresses the extent and manner in which the RA achieves protection of human health and the environment over time. Protection of human health and the environment is met if each human health and ecological exposure pathway identified in the risk assessment as potentially resulting in adverse effects is eliminated, reduced to an acceptable level, or controlled through treatment or engineering and land use controls. Site use restrictions after remediation are also considered under this criterion.

7.1.2 Compliance with ARARs

This criterion addresses whether the RA complies with ARARs or information to-be-considered. There are no unacceptable risks to human health or the environment, so there is no trigger for an ARAR analysis.

7.1.3 Long-term Effectiveness and Permanence

The long-term reliability and effectiveness criterion addresses the degree, extent, and manner in which the RA continues to protect human health and the environment in terms of residual risk remaining at the site after the corrective action objectives have been met. This criterion considers the residual contamination following completion of the actions, expected duration of the response action, and the degree of controls required to ensure protectiveness of the response action.

7.1.4 Reduction of Toxicity, Mobility, or Volume of Wastes

This criterion relates to the extent to which RAs permanently reduce the toxicity, mobility, and volume of contaminants present at the site. Factors for this criterion include the degree of permanence of the remedial action, the amount of hazardous materials destroyed, and the type and quantity of residual contamination remaining after treatment.

7.1.5 Short-Term Effectiveness

Short-term effectiveness addresses the effects of the RA during construction and implementation until the corrective action objectives are met. This criterion considers the protection of the community and workers, including the air-quality effects and hazards from excavation, transportation, and on-site treatment. In addition, the expected length of time for completion of the remedial action is considered.

7.1.6 Implementability

The technical and administrative feasibility of implementing each RA and the availability of services and materials are addressed by this criterion. This criterion also considers the degree of coordination required by the regulatory agencies, successful implementation of the remedial action at similar sites, and research to realistically predict field implementability.

7.1.7 Cost

This criterion addresses the capital costs, the operation and maintenance costs, and the present worth analysis of costs anticipated for the implementation of the response action. Capital costs are divided into direct costs (construction) and indirect costs (non-construction and overhead). Direct capital costs include construction, equipment, land

and site development, relocation, and disposal costs. Indirect capital costs include engineering expenses, legal fees, license or permit costs, start-up costs, and contingency allowances. Operation and maintenance costs consist of costs associated with post construction activities necessary to properly operate, maintain, and monitor a given response action.

A present-worth cost was developed for Alternative 2—No Further Action with Monitoring of Land Use. The opinions of probable cost presented in this report were prepared with an anticipated accuracy range of +50 to -30 percent.

7.2 Individual Analysis of Alternatives

This section provides detailed analysis of each RA presented in previous sections as applied to the evaluation criteria.

7.2.1 Alternative 1 – No Further Action

According to the NCP, the level of protectiveness achieved must be compared to the required expenditure of time and materials as an integral portion of the remedy selection process. The No Further Action alternative serves as a viable alternative for the sites within this FS, but also serves as a baseline by which to compare the effectiveness of the other potential alternative. In this alternative, no remedial actions would be performed. No efforts would be undertaken to monitor future site use.

- Overall Protection of Human Health and the Environment: Because there are no unacceptable risks or hazards at these sites to human health and the environment; and the USEPA and Army have agreed that manganese at Sites 122 and 138 does not pose an unacceptable hazard, the no further action alternative is protective for current site use. However, with the exception of Site 36 and Site 154, there are unacceptable human health risks and/or hazards associated with the hypothetical residential use at these sites. This alternative does not include a means to control land use and ensure that site usage remains consistent with the assumptions of the risk assessments.

- Compliance with ARARs: There are no unacceptable risks/hazards for the current and reasonably anticipated future use at these sites. The USEPA and Army have agreed that manganese at Sites 122 and 138 does not pose an unacceptable hazard, and soil ARARs will not be required to be attained since USEPA's soil

remediation goal of 23,000 mg/kg was not exceeded. Therefore, ARARs are not triggered and do not apply to this alternative.

- Long-Term Effectiveness and Permanence: For current site use, the NFA alternative is effective and permanent as there are no unacceptable risks or hazards to human health and the environment at these sites and the USEPA and Army have agreed that manganese at Sites 122 and 138 does not pose an unacceptable hazard; however, there are no controls for changes in site use in the future that may result in unacceptable human health risk.

- Reduction of Toxicity, Mobility, and Volume of Waste: This alternative does not employ any treatment that would reduce the toxicity, mobility, or volume of COCs; however, as noted, for reasonably anticipated future land use, the current conditions do not pose unacceptable risks/hazards and there are, therefore, no risks to mitigate through an active remedial action.

- Short-Term Effectiveness: Implementation of this alternative does not pose any additional risks to the community, the workers, or the environment since there are no remedial activities associated with it.

- Implementability: The no action alternative does not include any actions to implement.

- Cost: There are no present worth or capital costs for the NFA Alternative because there would be no action taken.

7.2.2 Alternative 2 – No Further Action with Monitoring of Land Use

In this alternative, no remedial actions would be performed. No efforts would be undertaken to contain, remove, or treat any contaminated areas at the site. However, the site would be monitored annually to ensure existing controls at Picatinny are properly maintained and to document any changes to land use that may result in an unacceptable human health risk or hazard through change of site use to residential.

- Overall Protection of Human Health and the Environment: Because there are no unacceptable risks or hazards at these sites to human health and the environment; and the USEPA and Army have agreed that manganese at Sites 122 and 138 does not pose an unacceptable hazard, the no further action alternative is protective for current site use. However, with the exception of Site 36 and Site 154,

there are unacceptable human health risks and/or hazards associated with the hypothetical residential use of these sites. The NFA with Monitoring of Land Use alternative provides control of future unrestricted exposure through maintaining existing site controls, controlling land use, and providing annual land use certification reports to the USEPA and NJDEP.

- Compliance with ARARs: There are no unacceptable risks/hazards for the current and reasonably anticipated future use at these sites. The USEPA and Army have agreed that manganese at Sites 122 and 138 does not pose an unacceptable hazard, and soil ARARs will not be required to be attained since USEPA's soil remediation goal of 23,000 mg/kg was not exceeded. Therefore, ARARs are not triggered and do not apply to this alternative.

- Long-Term Effectiveness and Permanence: For current site use, the NFA with Monitoring of Land Use alternative is effective and permanent as there are no unacceptable risks or hazards to human health and the environment at these sites; and the USEPA and Army have agreed that manganese at Sites 122 and 138 does not pose an unacceptable hazard. Annual monitoring and certification of land use to the USEPA and NJDEP will effectively control and restrict future changes in land use that could result in unacceptable human health risks and hazards.

- Reduction of Toxicity, Mobility, and Volume of Waste: This alternative does not employ any treatment that would reduce the toxicity, mobility, or volume of COCs; however, as noted, for reasonably anticipated future land use, the current conditions do not pose unacceptable risks/hazards and there are, therefore, no risks to mitigate through an active remedial action.

- Short-Term Effectiveness: Implementation of this alternative does not pose any additional risks to the community, the workers, or the environment since there are no remedial activities associated with it.

- Implementability: There are no implementability concerns posed by this option.

- Cost: The costs associated with the implementation of this alternative are summarized in Table 7-1, and the detailed assumptions are presented in Appendix D. The costs associated with the implementation of monitoring are based on the best available information regarding the anticipated scope of the RA per site. The projected present-worth cost of the alternative is $272,000.

7.3 Comparative Analysis of Remedial Alternatives

This section provides a comparative analysis of the expected performance of each alternative relative to the other alternatives to identify their respective advantages and disadvantages.

7.3.1 Overall Protection of Human Health and the Environment

Alternatives 1 and 2 are both protective of human health and the environment based upon the results of the risk assessments for reasonably anticipated uses of the sites. Alternative 1, however, does not provide any assurance that the existing controls or land uses will remain intact. Therefore, although Alternative 1 would be protective for Site 36 and Site 154, it would not provide controls on future changes of land use at the other 46 sites. Alternative 2 includes an aspect of annual monitoring of land use, which ensures that existing controls and land uses remain consistent with the expected future use (military/industrial) and would be applicable to the 46 sites that cannot be released for unrestricted use.

7.3.1.1 Compliance with ARARs

There are no unacceptable risks/hazards therefore ARARs are not triggered and do not apply for either alternative.

7.3.1.2 Long-Term Effectiveness and Permanence

Because the risk results indicate there are no unacceptable risks at these sites, both alternatives provide long-term effectiveness and permanence. Alternative 1, as noted previously, does not provide means by which to ensure existing controls and land uses remain military/industrial in nature. Therefore, Alternative 1 would not provide adequate effectiveness for sites other than Site 36 and Site 154. Alternative 2 – NFA with Monitoring of Land Use is effective in the long-term for the remaining sites because annual monitoring ensures that existing controls and land uses remain consistent with the expected future use (military/industrial).

7.3.1.3 Reduction of Toxicity, Mobility, or Volume of Wastes

Neither alternative employs any treatment that would reduce the toxicity, mobility, or volume of COCs; however, as noted, for reasonably anticipated future land use, the

current conditions do not pose unacceptable risks/hazards and there are, therefore, no risks to mitigate through an active remedial action.

7.3.1.4 Short-Term Effectiveness

Implementation either alternative does not pose any additional risks to the community, the workers, or the environment since there are no remedial activities associated with it.

7.3.1.5 Implementability

There are no issues associated with implementing either alternative.

7.3.1.6 Cost

There is no cost associated with Alternative 1. Costs associated with Alternative 2 are minimal.

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Tables

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
008/1	Surface Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	Not a COPC in this medium
	Mixed Soil	Current and Future	Construction/Excavation Worker	1E-06	NR	<1	NH	No concern
008/2	Surface Soil	Current and Future	Outdoor Maintenance Worker	6E-06	NR	<1	NH	Not a COPC at this Site
	Surface Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	
	Subsurface Soil	Future	Construction/Excavation Worker	6E-07	NR	<1	NH	
	Sediment	Current and Future	Industrial/Research Worker	1E-06	NR	<1	NH	
	Surface Water	Current and Future	Industrial/Research Worker	2E-08	NR	<1	NH	
	Groundwater	Future	Construction/Excavation Worker	2E-06	NR	1	NH	
008/4	Surface Soil	Current	Outdoor Maintenance Worker	7E-06	NR	<1	NH	Not a COPC at this Site
	Surface Soil	Future	Outdoor Maintenance Worker	7E-06	NR	<1	NH	
	Surface Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	
	Total Soil	Future	Construction/Excavation Worker	9E-07	NR	<1	NH	
	Sump Sediment	Future	Outdoor Maintenance Worker	3E-08	NR	<1	NH	
	Surface Water	Future	Outdoor Maintenance Worker	1E-07	NR	<1	NH	
	Sediment	Current and Future	Industrial/Research Worker	6E-06	NR	<1	NH	
	Surface Water	Current and Future	Industrial/Research Worker	1E-07	NR	<1	NH	
	Groundwater	Future	Construction/Excavation Worker	5E-07	NR	<1	NH	
011/122	Surface Soil	Current	Outdoor Maintenance Worker	2E-05	NR	<1	NH	Not a COPC at this Site
	Surface Soil	Future	Industrial/Research Worker	1E-04	NR	8	Manganese	
	Mixed Soil	Future	Construction/Excavation Worker	5E-05	NR	40	Manganese	

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Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
013/78	Surface Soil	Current and Future	Industrial/Research Worker	1E-04	NR	NE	NE	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker	3E-08	NR	<1	NH	
	Groundwater	Future	Industrial/Research Worker	2E-05	NR	<1	NH	
	Sediment	Current/Future	On-Site Youth Visitor	4E-06	NR	<1	NH	
	Surface Water	Current/Future	On-Site Youth Visitor	3E-07	NR	<1	NH	
	Groundwater	Future	Adult Resident	5E-05	NR	<1	NH	
	Sediment	Future	Adult Resident	5E-05	NR	<1	NH	
	Soil	Future	Adult Resident	2E-04	Benzo(a)pyrene	NE	NE	
	Surface Water	Future	Adult Resident	4E-06	NR	<1	NH	
	Groundwater	Future	Child Resident	5E-05	NR	1	NH	
	Sediment	Future	Child Resident	5E-05	NR	1	NH	
	Soil	Future	Child Resident	1E-04	NR	NE	NE	
	Surface Water	Future	Child Resident	5E-06	NR	4*	NH	
050/3	Surface Soil	Current and Future	Industrial/Research Worker (CR)	2E-06	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker (CR)	4E-07	NR	<1	NH	
	Groundwater	Current and Future	Construction/Excavation Worker (CR)	6E-08	NR	<1	NH	
	Subsurface Soil	Current and Future	Construction/Excavation Worker (RR)	2E-06	NR	NE	NE	
	Sediment	Current and Future	Onsite Youth Visitor (CR)	4E-06	NR	<1	NH	
	Surface Water	Current and Future	Onsite Youth Visitor (CR)	1E-07	NR	<1	NH	
	Sediment	Current and Future	Onsite Youth Visitor (RR)	6E-06	NR	NE	NE	
	Surface Water	Current and Future	Onsite Youth Visitor (RR)	4E-07	NR	NE	NE	

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Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
071/29, 071/45 and 39	Surface Soil	Current and Future	Industrial/Research Worker	3E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	2E-06	NR	<1	NH	
		Future	Residential Adult	4E-04	Benzo(a)pyrene	3	Manganese	
		Future	Residential Child	2E-04	Benzo(a)pyrene	10	Manganese	
		Future	Residential Adult+Child	6E-04	Benzo(a)pyrene	NE	NE	
075(075)/36	*None - Low levels of contamination, no HHRA performed*							
075(86)/47	Surface Soil	Current and Future	Industrial/Research Worker	4E-05	NR	<1	NH	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker	NC	NR	<1	NH	
	Subsurface Soil	Current and Future	Construction/Excavation Worker	6E-07	NR	<1	NH	
075(141)/102	Surface Soil	Current and Future	Industrial/Research Worker	1E-04	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	7E-07	NR	1	NH	Not a COPC in this medium
075(191)/188	Surface Soil	Current and Future	Industrial/Research Worker	6E-05	NR	<1	NH	No concern
	Groundwater	Current and Future	Construction/Excavation Worker	4E-09	NR	<1	NH	No concern
	Sediment	Current and Future	Onsite Youth Visitor	2E-06	NR	<1	NH	Not a COPC in this medium
	Mixed Soil	Future	Adult Resident	6E-04	Benzo(a)pyrene	1	NH	Concern
	Sediment	Future	Adult Resident	3E-05	NR	1	NH	Concern
	Mixed Soil	Future	Child Resident	5E-04	Benzo(a)pyrene	7	Manganese	Concern
	Sediment	Future	Child Resident	2E-05	NR	9	Manganese	Concern
	Mixed Soil	Future	Adult + Child Resident	1E-03	Benzo(a)pyrene	NE	NE	NE
091/55	Surface Soil	Current and Future	Industrial/Research Worker	1E-04	NR	<1	NH	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker	6E-07	NR	<1	NH	

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
091(123)/62	Surface Soil	Current and Future	Industrial/Research Worker	7E-06	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	1E-06	NR	<1	NH	
091(124)/64	Surface Soil	Current and Future	Industrial/Research Worker	1E-04	NR	<1	NH	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker	8E-07	NR	<1	NH	
091(125)/98	Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	Not a COPC at this Site
091(126)/100	Surface Soil	Current and Future	Industrial/Research Worker	3E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	8E-07	NR	<1	NH	
	Groundwater	Current and Future	Construction/Excavation Worker	3E-11	NR	<1	NH	
091(127)/127	Surface Soil	Current and Future	Industrial/Research Worker	2E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	3E-07	NR	<1	NH	
	Groundwater	Current and Future	Construction/Excavation Worker	2E-09	NR	<1	NH	
091(128)/128	Surface Soil	Current and Future	Industrial/Research Worker	5E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	1E-06	NR	<1	NH	
091(129)/129	Surface Soil	Current and Future	Industrial/Research Worker	8E-06	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	2E-06	NR	<1	NH	
091(130)/130	Surface Soil	Current and Future	Industrial/Research Worker	3E-05	NR	<1	NH	Not a COPC at this Site
091(132)/132	Surface Soil	Current and Future	Industrial/Research Worker	2E-05	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	1E-06	NR	<1	NH	Not a COPC in this medium

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
108(138)/90	Surface Soil	Current and Future	Industrial/Research Worker	6E-05	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	1E-06	NR	<1	NH	Not a COPC in this medium
	Groundwater	Current and Future	Construction/Excavation Worker	3E-09	NR	<1	NH	Not a COPC in this medium
108(104)/111	Surface Soil	Current and Future	Industrial/Research Worker	5E-05	NR	<1	NH	No concern
	Surface Soil	Current and Future	Outdoor Maintenance Worker	4E-06	NR	<1	NH	
	Mixed Soil	Current and Future	Construction/Excavation Worker	2E-05	NR	<1	NH	
108(147)/137	Surface Soil	Current and Future	Industrial/Research Worker	6E-05	NR	<1	NH	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker	6E-09	NR	<1	NH	
	Subsurface Soil	Current and Future	Construction/Excavation Worker	1E-05	NR	1	NH	
108(108)/139	Surface Soil	Current and Future	Industrial/Research Worker	2E-06	NR	<1	NH	No concern
	Total Soil	Current and Future	Construction/Excavation	6E-07	NR	3*	NH	No concern
	Surface Water	Current and Future	On-Site Youth Visitor	1E-06	NR	<1	NH	Not a COPC in this medium
	Sediment	Current and Future	On-Site Youth Visitor	2E-05	NR	1	NH	No concern
108(109)/140	Surface Soil	Current and Future	Industrial/Research Worker	3E-05	NR	<1	NH	Not a COPC at this Site
	Soil	Current and Future	Outdoor Maintenance Worker	2E-06	NR	<1	NH	
	Subsurface Soil	Current and Future	Construction/Excavation Worker	7E-06	NR	<1	NH	
108/210	Surface Soil	Current and Future	Industrial/Research Worker	2E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	4E-07	NR	<1	NH	
	Soil	Current and Future	Adult Resident	7E-05	NR	<1	NH	
	Soil	Current and Future	Child Resident	5E-05	NR	2	Iron	

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
122/126	Surface Soil	Current and Future	Industrial/Research Worker	9E-06	NR	<1	NH	Not a COPC at this Site
	Surface Soil	Current and Future	Outdoor Maintenance Worker	6E-07	NR	<1	NH	
	Total Soil	Current and Future	Construction Worker	2E-05	NR	2*	nh	
134(018)/30	Surface Soil	Current and Future	Industrial/Research Worker	8E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	9E-07	NR	<1	NH	
134(134)/70	Surface Soil	Current and Future	Industrial/Research Worker (CR)	2E-05	NR	<1	NH	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker (CR)	NC	NR	<1	NH	
	Subsurface Soil	Current and Future	Construction/Excavation Worker (CR)	8E-08	NR	1	NH	
	Surface Soil	Current and Future	Industrial/Research Worker (RR)	4E-06	NR	NE	NE	
	Subsurface	Current and Future	Construction/Excavation Worker (RR)	5E-06	NR	NE	NE	
134(012)/83	Surface Soil	Current and Future	Industrial/Research Worker	2E-05	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	3E-06	NR	<1	NH	
135(135)/71	Surface Soil	Current and Future	Industrial/Research Worker	8E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface	Current and Future	Construction/Excavation Worker	2E-06	NR	<1	NH	
135(137)/82	Surface Soil	Current and Future	Industrial/Research Worker (CR)	5E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker (CR)	2E-06	NR	<1	NH	
	Surface Soil	Current and Future	Industrial/Research Worker (RR)	5E-04	Radium-228, Radium 226, Thorium-228	NE	NE	
	Subsurface Soil	Current and Future	Construction/Excavation Worker (RR)	4E-05	NR	NE	NE	
135(153)/158	Surface Soil	Current and Future	Industrial/Research Worker	4E-06	NR	<1	NH	Not a COPC at this Site

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
135(154)/159	Surface Soil	Current and Future	Industrial/Research Worker	8E-06	NR	<1	NH	Not a COPC at this Site
	Soil	Current and Future	Construction/Excavation Worker	8E-07	NR	<1	NH	
	Sediment	Current and Future	Onsite Youth Visitor	6E-06	NR	<1	NH	
136/79	Surface Soil	Current and Future	Industrial/Research Worker	4E-05	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	5E-06	NR	<1	NH	Not a COPC in this medium
	Groundwater	Current and Future	Construction/Excavation Worker	4E-09	NR	<1	NH	Not a COPC in this medium
147(107)/138	Surface Soil	Current and Future	Industrial/Research Worker	5E-05	NR	<1	NH	No concern
	Surface Soil	Current and Future	Outdoor Maintenance Worker	4E-06	NR	<1	NH	NE
	Total Soil	Current and Future	Construction Worker	1E-05	NR	6	Manganese	No concern
	Sediment	Current and Future	On Site Youth Visitor	NC	NC	<1	NH	No concern
162/5	Surface Soil	Current	Industrial/Research Worker	9E-06	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	2E-07	NR	<1	NH	
	Groundwater	Current and Future	Construction/Excavation Worker	2E-08	NR	<1	NH	
	Groundwater	Future	Industrial/Research Worker	3E-06	NR	<1	NH	
	Soil	Future	Adult Resident	3E-05	NR	<1	NH	
	Groundwater	Future	Adult Resident	9E-06	NR	<1	NH	
	Soil	Future	Child Resident	2E-05	NR	2	Iron	
	Groundwater	Future	Child Resident	5E-06	NR	2	Iron	
	Mixed Soil	Current and Future	Adult + Child Resident	7E-05	NR	NE	NE	
162(052)/6	Surface Soil	Current and Future	Industrial/Research Worker	1E-04	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	3E-07	NR	<1	NH	
	Groundwater	Current and Future	Construction/Excavation Worker	1E-07	NR	<1	NH	
	Soil	Future	Adult Resident	3E-04	PAH	<1	NH	
	Soil	Future	Child Resident	2E-04	PAH	<1	NH	
	Soil	Future	Adult + Child Resident	4E-04	PAH	<1	NH	

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
175(175)/115	Surface Soil	Current and Future	Industrial/Research Worker	9E-06	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	7E-07	NR	<1	NH	Concern
	Groundwater	Current and Future	Construction/Excavation Worker	NC	NR	<1	NH	Not a COPC in this medium
	Mixed Soil	Future	Adult Resident	2E-05	NR	1	NH	Concern
	Mixed Soil	Future	Child Resident	2E-05	NR	7	Antimony	Concern
	Mixed Soil	Future	Adult + Child Resident	4E-05	NR	NE	NE	Concern
175(133)/151	Surface Soil	Current and Future	Site Worker	6E-06	NR	<1	NH	Not a COPC at this Site
175(178)/152	*None - No COPCs selected in HHRA due to low concentrations of contaminants*							
175(179)/153	*None - No COPCs selected in HHRA due to low concentrations of contaminants*							
175(180)/154	*None - No COPCs selected in HHRA due to low concentrations of contaminants*							
200/200 Bldg 1030	Surface Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	2E-07	NR	<1	NH	
	Sediment	Current and Future	Onsite Youth Visitor	1E-05	NR	<1	NH	
	Subsurface Soil	Future	Adult Resident	3E-05	NR	<1	NH	
	Sediment	Future	Adult Resident	1E-04	NR	<1	NH	
	Subsurface Soil	Future	Child Resident	3E-05	NR	<1	NH	
	Sediment	Future	Child Resident	2E-04	Arsenic	4	Arsenic	
	Subsurface Soil	Future	Adult + Child Resident	6E-05	NR	NE	NE	
	Sediment	Future	Adult + Child Resident	4E-04	Arsenic	NE	NE	
200/200 Bldg 1037	Mixed Soil	Future	Adult Resident	1E-06	NR	<1	NH	Not a COPC at this Site
	Mixed Soil	Future	Child Resident	1E-06	NR	<1	NH	
	Mixed Soil	Future	Adult + Child Resident	2E-06	NR	<1	NH	
200/200 Bldg 1038	Groundwater	Current and Future	Construction and Excavation Worker	3E-07	NR	<1	NH	Not a COPC at this Site
200/200 Bldg 1090	Groundwater	Current and Future	Construction and Excavation Worker	3E-10	NR	<1	NH	Not a COPC at this Site
200/200 Bldgs 1414, 1414A, and 1415	Mixed Soil	Future	Adult Resident	2E-05	NR	<1	NH	Not a COPC at this Site
	Mixed Soil	Future	Child Resident	2E-05	NR	<1	NH	
	Mixed Soil	Future	Adult + Child Resident	4E-05	NR	NE	NE	

Table 3-1
Summary of Human Health Risk Assessment Conclusions
Picatinny Arsenal, New Jersey

Major PICA (Minor PICA) / RI Site	Media	Land Use Scenario	Population	Carcinogenic Risk	Primary Risk Drivers	Noncarcinogenic Hazard	Primary Hazard Drivers	Lead
200/200 Bldg 1437	Groundwater	Current and Future	Construction and Excavation Worker	NC	NC	<1	NH	Not a COPC at this Site
	Subsurface Soil	Future	Adult Resident	NC	NR	<1	NH	
	Subsurface Soil	Future	Child Resident	NC	NR	<1	NH	
209/209 Bldg 167	Surface Soil	Current and Future	Industrial/Research Worker	4E-05	NR	<1	NH	Not a COPC at this Site
	Groundwater	Current and Future	Construction/Excavation Worker	5E-08	NR	<1	NH	
	Soil	Future	Adult Resident	9E-04	Benzo(a)pyrene	<1	NH	
	Sol	Future	Child Resident	5E-04	Benzo(a)pyrene	3	Mercury	
209/209 Bldg 303	Surface Soil	Current and Future	Industrial/Research Worker	7E-05	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	1E-05	NR	1	NH	No concern
	Mixed Soil	Future	Adult Resident	2E-04	Arsenic, Benzo(a)pyrene	<1	NH	Concern
	Mixed Soil	Future	Child Resident	1E-04	NR	2	Arsenic	Concern
209/209 Bldg 426	Surface Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	Not a COPC at this Site
	Subsurface Soil	Current and Future	Construction/Excavation Worker	5E-07	NR	<1	NH	
	Mixed Soil	Future	Adult Resident	2E-05	NR	<1	NH	
	Mixed Soil	Future	Child Resident	2E-05	NR	<1	NH	
209/209 Bldg 430	Surface Soil	Current and Future	Industrial/Research Worker	1E-05	NR	<1	NH	No concern
	Subsurface Soil	Current and Future	Construction/Excavation Worker	2E-06	NR	<1	NH	No concern
	Sediment	Current and Future	Onsite Youth Visitor	2E-04	2,4-Dinitrotoluene	2	2,4-Dinitrotoluene	No concern
	Mixed Soil	Future	Adult Resident	4E-05	NR	<1	NH	Concern
	Sediment	Future	Adult Resident	3E-03	2,4-Dinitrotoluene	7	2,4-Dinitrotoluene	Concern
	Subsurface Soil	Future	Child Resident	3E-05	NR	2	Barium, Arsenic	Concern
	Sediment	Future	Child Resident	2E-03	2,4-Dinitrotoluene	19	2,4-Dinitrotoluene	Concern
209/209 Bldg 462A	Groundwater	Current and Future	Construction/Excavation Worker	5E-10	NR	<1	NH	Not a COPC at this Site
	Surface Water	Current and Future	On-Site Youth Visitor	1E-06	NR	<1	NH	
	Sediment	Current and Future	Onsite Youth Visitor	6E-05	NR	<1	NH	
	Sediment	Future	Adult Resident	9E-04	Benzo(a)pyrene	2	Arsenic	
	Sediment	Future	Child Resident	5E-04	Benzo(a)pyrene	10	Iron	

Notes:
NR - Not relevant. Cancer risk drivers not present or risk is less than the generally acceptable risk range of 1E-4 to 1E-6.
NC - No cancer risk calculated because none of the constituents present are considered carcinogenic.
NE - Not evaluated
NH - No noncarcinogenic hazard because hazard index does not exceed 1.
Shaded rows are not reasonably anticipated current/future use of the site or the shaded media are addressed in a separate document.
*The HI for each target organ/effect is less than or equal to one. This indicates that adverse noncancer effects are not expected to occur.

Table 3-2
Site 153, Bldg. 606 - Electronics Lab and Storage Building Data Comparison to USEPA RSLs
Phase III PA/SI Analytical Results for Surface Soil Samples (mg/kg)
Picatinny Arsenal, New Jersey

Compound	606SS-A	606SS-B	606SS-C	606SS-D	2013 RSLs**							
					Residential Soil RSLs				Non-Residential Soil RSLs			
					TCR = $1x10^{-4}$	TCR = $1x10^{-5}$	TCR = $1x10^{-6}$	Noncancer HI = 1	TCR = $1x10^{-4}$	TCR = $1x10^{-5}$	TCR = $1x10^{-6}$	Noncancer HI = 1
Bis (2-ethylhexyl) phthalate	--	0.46 (a)	5.9	--	3500	350	35	1200	12000	1200	120	12000
Di-n-butyl phthalate	0.57(a)	--	--	--	--	--	NA	6100	--	--	NA	62000
alpha-chlordane	--	26	--	--	160 (e)	16 (e)	1.6 (e)	35 (e)	650 (e)	65 (e)	6.5 (e)	400 (e)
gamma-chlordane	--	19	0.088	--	160 (e)	16 (e)	1.6 (e)	35 (e)	650 (e)	65 (e)	6.5 (e)	400 (e)
4,4'-DDT	--	1.4	--	--	170	17	1.7	36	700	70	7	430
Dieldrin	--	1.6	--	--	3	0.3	0.03	3.1	11	1.1	0.11	31
Endosulfan I	--	1.3	--	--	--	--	NA	370	--	--	NA	3700
Endrin	--	1.1	--	--	--	--	NA	18	--	--	NA	180
Heptachlor	--	1.1	--	--	11	1.1	0.11	31	38	3.8	0.38	310
Heptachlor Epoxide	--	*1.6*	--	--	5.3	0.53	0.053	0.79	19	1.9	0.19	8
2,4,6-Trinitrotoluene	--	--	--	0.88	1900	190	19	36	7900	790	79	420
Nitrate	5.70	--	--	2.30	--	--	NA	130000	--	--	NA	1600000
Sulfate	--	127	--	--	--	--	NA	NA	--	--	NA	NA
Aluminum	10200	14000	18900	16200	--	--	NA	77000	--	--	NA	990000
Antimony	3.80	4.40	4.30 J	--	--	--	NA	31	--	--	NA	410
Arsenic	5.00 (b)	4.90 (b)	6.70 (b)	6.50 (b)	61	6.1	0.61	34	240	24	2.4	380
Barium	115	76.0	97.1	35.0	--	--	NA	15000	--	--	NA	190000
Beryllium	0.250	0.0900	0.180	0.270	140000	14000	1400	160	690000	69000	6900	2000
Cadmium	3.5	--	0.210 J	--	180000	18000	1800	70	930000	93000	9300	800
Calcium	1390	854	1150	124	--	--	NA	NA	--	--	NA	NA
Chromium (c)	31.4	38.6	23.5	23.1	--	--	NA	120000	--	--	NA	1500000
Chromium (d)	*31.4*	*38.6*	23.5	23.1	29	2.9	0.29	230	560	56	5.6	3100
Cobalt	8.40	5.80	8.70	4.50	37000	3700	370	23	190000	19000	1900	300
Copper	116	67.6	26.6	11.3	--	--	NA	3100	--	--	NA	41000
Iron	21900	28000	29600	18700	--	--	NA	55000	--	--	NA	720000
Lead	55.3	48.0	27.6	16.4	--	--	NA	400	--	--	NA	800
Magnesium	2510	2710	3070	1380	--	--	NA	NA	--	--	NA	NA
Manganese	311	114	243	108	--	--	NA	1800	--	--	NA	23000
Mercury	0.0650 J	0.290	0.0160 J	0.0900 J	--	--	NA	10	--	--	NA	43
Nickel	17.8	16.7	15.8	12.9	1300000	130000	13000	1500	6400000	640000	64000	20000
Potassium	747	1030	1360	487	--	--	NA	NA	--	--	NA	NA
Silver	0.880 J	106	--	--	--	--	NA	390	--	--	NA	5100
Sodium	52.5	88.6	94.1	29.9	--	--	NA	NA	--	--	NA	NA
Vanadium	31.2	*39.6*	*39.7*	31.2	--	--	NA	390	--	--	NA	5100
Zinc	154	197	123	39.4	--	--	NA	23000	--	--	NA	310000

Bold type = concentration exceeds the 2013 Non-Residential RSL at 1x10-4 Target Cancer Risk or HI of 1.
Italic type = concentration exceeds 2013 Residential RSL at 1x10-4 Target Cancer Risk or HI of 1.

Endosulfan was used as a surrogate for Endosulfan I

Chromium III was used as a surrogate for Chromium

a = the associated laboratory blank data was not reported for concentrations less than the sample quantitation limit; therefore the detected sample concentration should be considered suspect.

b = background value for arsenic at Picatinny Arsenal is 9.23 mg/kg.

c = Evaluated as Trivalent chromium (Cr+3)

d = Evaluated as Hexavalent chromium (Cr+6)

e = RSL value listed is for chlordane

J = concentration should be considered estimated.

NA = Not Available

**RSL column Notes:

1) RSLs updated November 2013 and available at http://www.epa.gov/region9/superfund/prg/
2) RSLs protective of noncarcinogenic effects reflect a hazard index of 1
3) NA = No RSL available.
4) Manganese RSL is not based on the manganese reference dose as listed on IRIS. USEPA has adjusted the IRIS reference dose for use in deriving conservative RSLs.
5) TCR = Target Cancer Risk; HI = Hazard Index
6) The RSLs for the following compounds are not based on toxicity data presented in IRIS but from other sources (provisional toxicity or state-derived values): aluminum, hexavalent chromium, cobalt, copper, iron, and nickel.

Table 3-3
Site 154, Bldg. 617 - Administrative Building Data Comparison to NJDEP SRS and USEPA RSLs
Phase III PA/SI Analytical Results for Surface Soil Samples (mg/kg)
Picatinny Arsenal, New Jersey

Compound	617SS-A	617SS-B	617SS-C	NJ SRS*		2013 RSLs**							
						Residential Soil RSLs				Non-Residential Soil RSLs			
				Residential	Non-Residential	TCR = $1x10^{-4}$	TCR = $1x10^{-5}$	TCR = $1x10^{-6}$	Noncancer HI = 1	TCR = $1x10^{-4}$	TCR = $1x10^{-5}$	TCR = $1x10^{-6}$	Noncancer HI = 1
Methylene Chloride	0.019	0.013	0.014 (a)	34	97	5600	560	56	360	96000	9600	960	3100
Fluoranthene	--	0.75	--	2300	24000	--	--	NA	2300	--	--	NA	22000
Phenanthrene	--	0.73	--	NA	300000	--	--	NA	NA	--	--	NA	NA
Pyrene	--	0.83	--	1700	18000	--	--	NA	1700	--	--	NA	17000
Nitrate	3.60	--	--	NA	NA	--	--	NA	130000	--	--	NA	1600000
Sulfate	--	66.1	--	NA	NA	--	--	NA	NA	--	--	NA	NA
Aluminum	7010	6490	6990	78000	NA	--	--	NA	77000	--	--	NA	990000
Arsenic	5.5(b)	4.7(b)	3.2(b)	19	19	61	6.1	0.61	34	240	24	2.4	380
Barium	62.0	58.2	47.3	16000	59000	--	--	NA	15000	--	--	NA	190000
Beryllium	0.290	0.0900 J	--	16	140	140000	14000	1400	160	690000	69000	6900	2000
Cadmium	0.940	0.890	0.370 J	78	78	180000	18000	1800	70	930000	93000	9300	800
Calcium	1900	2120	1430	NA	NA	--	--	NA	NA	--	--	NA	NA
Chromium (c)	13.8	9.40	16.0	NA	NA	--	--	NA	120000	--	--	NA	1500000
Chromium (d)	13.8	9.40	16.0	NA	NA	29	2.9	0.29	230	560	56	5.6	3100
Cobalt	6.50	3.50	7.20 J	1600	590	37000	3700	370	23	190000	19000	1900	300
Copper	174	30.9	60.2	3100	45000	--	--	NA	3100	--	--	NA	41000
Iron	13600	10600	16200	NA	NA	--	--	NA	55000	--	--	NA	720000
Lead	172	42.0	41.4	400	800	--	--	NA	400	--	--	NA	800
Magnesium	1620	1210	966	NA	NA	--	--	NA	NA	--	--	NA	NA
Manganese	316	198	127	11000	5900	--	--	NA	1800	--	--	NA	23000
Mercury	0.220	0.0950	1.10	23	65	--	--	NA	10	--	--	NA	43
Nickel	11.2	6.40	8.20	1600	23000	1300000	130000	13000	1500	6400000	640000	64000	20000
Potassium	635	250	724	NA	NA	--	--	NA	NA	--	--	NA	NA
Silver	7.30	--	1.00 J	390	5700	--	--	NA	390	--	--	NA	5100
Sodium	44.8	60.7	52.9 J	NA	NA	--	--	NA	NA	--	--	NA	NA
Vanadium	17.0	13.7	19.5	78	1100	--	--	NA	390	--	--	NA	5100
Zinc	117	88.5	65.7	23000	110000	--	--	NA	23000	--	--	NA	310000

Bold type = concentration exceeds the 2013 Non-Residential RSL at 1x10-4 Target Cancer Risk or HI of 1.
Italic type = concentration exceeds 2013 Residential RSL at 1x10-4 Target Cancer Risk or HI of 1.

a = the associated laboratory blank data was not reported for concentrations less than the sample quantitation limit; therefore the detected sample concentration should be considered suspect.

b = background value for arsenic at Picatinny Arsenal is 9.23 mg/kg.

c = Evaluated as Trivalent chromium (Cr+3)

d = Evaluated as Hexavalent chromium (Cr+6)

J = concentration should be considered estimated.

NA = Not Available

**RSL column Notes:

1) RSLs updated November 2013 and available at http://www.epa.gov/region9/superfund/prg/
2) RSLs protective of noncarcinogenic effects reflect a hazard index of 1
3) NA = No RSL available.
4) Manganese RSL is not based on the manganese reference dose as listed on IRIS. USEPA has adjusted the IRIS reference dose for use in deriving conservative RSLs.
5) TCR = Target Cancer Risk; HI = Hazard Index
6) The RSLs for the following compounds are not based on toxicity data presented in IRIS but from other sources (provisional toxicity or state-derived values): aluminum, hexavalent chromium, cobalt, copper, iron, and nickel.

Table 3-4
Site 154, Bldg. 617G - Disassembly Facility and Machine Shop Data Comparison to NJDEP SRS and USEPA RSLs
Phase III PA/SI Analytical Results for Surface Soil Samples (mg/kg)
Picatinny Arsenal, New Jersey

Compound	617GSS-A	617GSS-B	2013 RSLs**							
			Residential Soil RSLs				Non-Residential Soil RSLs			
			TCR = $1x10^{-4}$	TCR = $1x10^{-5}$	TCR = $1x10^{-6}$	Noncancer HI = 1	TCR = $1x10^{-4}$	TCR = $1x10^{-5}$	TCR = $1x10^{-6}$	Noncancer HI = 1
Methylene Chloride	0.013(a)	--	5600	560	56	360	96000	9600	960	3100
Pyrene	0.41	--	--	--	NA	1700	--	--	NA	17000
Aluminum	6720	5040	--	--	NA	77000	--	--	NA	990000
Antimony	6.40 J	--	--	--	NA	31	--	--	NA	410
Arsenic	3.6(b)	2(b)	61	6.1	0.61	34	240	24	2.4	380
Barium	57.0	66.0	--	--	NA	15000	--	--	NA	190000
Beryllium	0.590	0.360	140000	14000	1400	160	690000	69000	6900	2000
Cadmium	4.00	2.6	180000	18000	1800	70	930000	93000	9300	800
Calcium	980	3680	--	--	NA	NA	--	--	NA	NA
Chromium (c)	26.0	13.0	--	--	NA	120000	--	--	NA	1500000
Chromium (d)	26.0	13.0	29	2.9	0.29	230	560	56	5.6	3100
Cobalt	8.30	3.90	37000	3700	370	23	190000	19000	1900	300
Copper	404	68.0	--	--	NA	3100	--	--	NA	41000
Iron	36100	11800	--	--	NA	55000	--	--	NA	720000
Lead	370	86.0	--	--	NA	400	--	--	NA	800
Magnesium	1440	1570	--	--	NA	NA	--	--	NA	NA
Manganese	375	180	--	--	NA	1800	--	--	NA	23000
Mercury	0.380	0.120	--	--	NA	10	--	--	NA	43
Nickel	20.0	11.0	1300000	130000	13000	1500	6400000	640000	64000	20000
Potassium	370	420	--	--	NA	NA	--	--	NA	NA
Selenium	8.20 J	--	--	--	NA	390	--	--	NA	5100
Silver	0.920 J	--	--	--	NA	390	--	--	NA	5100
Sodium	47.0 J	66.0	--	--	NA	NA	--	--	NA	NA
Vanadium	19.0	12.0	--	--	NA	390	--	--	NA	5100
Zinc	450	180	--	--	NA	23000	--	--	NA	310000

Bold type = concentration exceeds the 2013 Non-Residential RSL at 1x10-4 Target Cancer Risk or HI of 1.
Italic type = concentration exceeds 2013 Residential RSL at 1x10-4 Target Cancer Risk or HI of 1.

Chromium III was used as a surrogate for Chromium

a = the associated laboratory blank data was not reported for concentrations less than the sample quantitation limit; therefore the detected sample concentration should be considered suspect.

b = background value for arsenic at Picatinny Arsenal is 9.23 mg/kg.

c = Evaluated as Trivalent chromium (Cr+3)

d = Evaluated as Hexavalent chromium (Cr+6)

J = concentration should be considered estimated.

NA = Not Available

**RSL column Notes:

1) RSLs updated November 2013 and available at http://www.epa.gov/region9/superfund/prg/
2) RSLs protective of noncarcinogenic effects reflect a hazard index of 1
3) NA = No RSL available.
4) Manganese RSL is not based on the manganese reference dose as listed on IRIS. USEPA has adjusted the IRIS reference dose for use in deriving conservative RSLs.
5) TCR = Target Cancer Risk; HI = Hazard Index
6) The RSLs for the following compounds are not based on toxicity data presented in IRIS but from other sources (provisional toxicity or state-derived values): aluminum, hexavalent chromium, cobalt, copper, iron, and nickel.

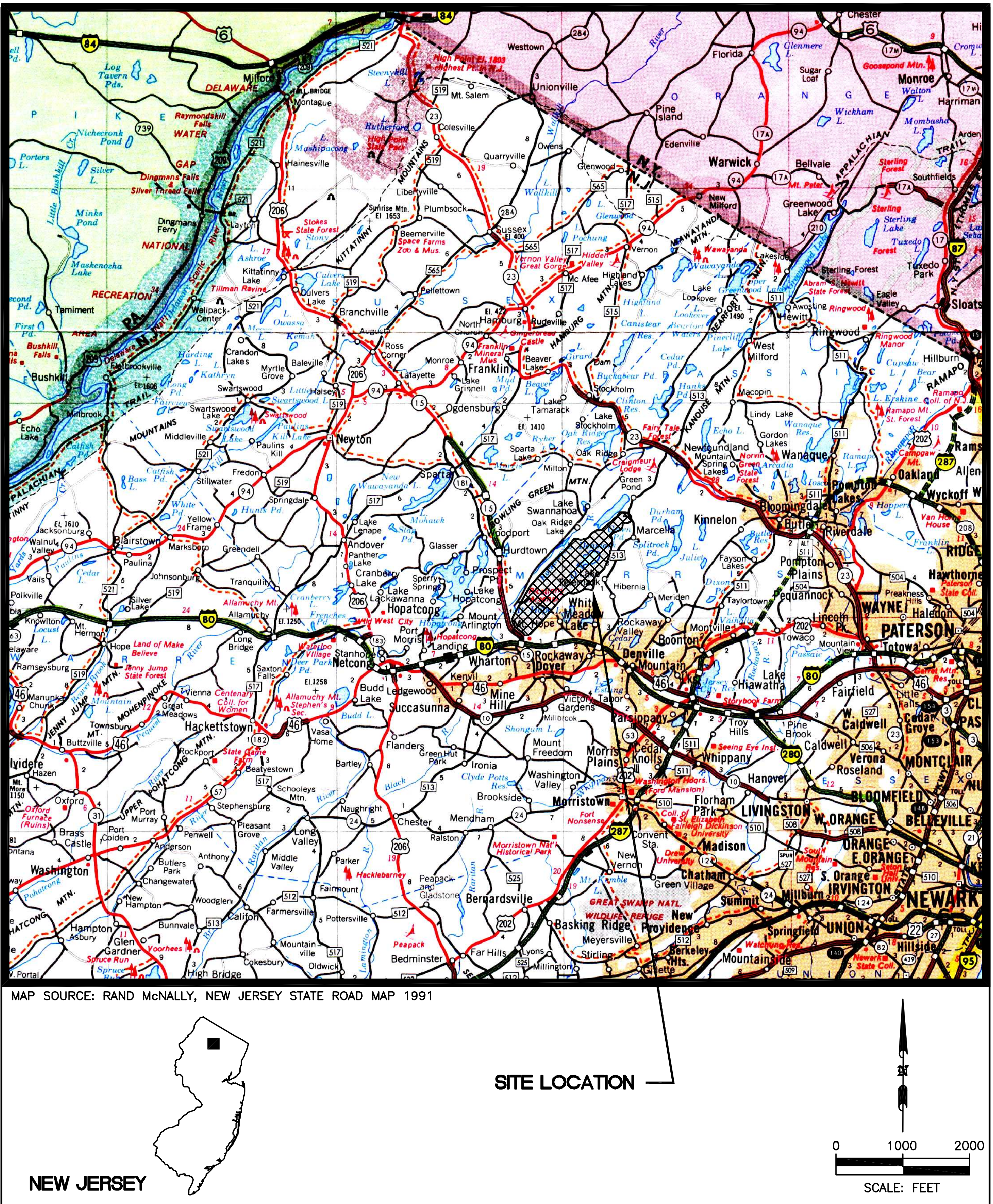
Table 7-1
Projected Costs for Alternative 2 - No Further Action with Monitoring
Picatinny Aresenal, New Jersey

ITEM	QUANTITY	UNITS	UNIT COST	CAPITAL COST	ANNUAL O & M COST	PRESENT WORTH COST
I. ADMINISTRATIVE ACTIONS						
1. No Administrative Costs Associated with this Alternative						
Subtotal:				$0	$0	$0
II. ANNUAL INSPECTION AND FIVE YEAR REVIEW (for all 43 Sites)						
1. Annual Inspection and Reporting	30.0	Each	$15,000		$450,000	$186,100
2. Five Year Review	6.0	Each	$20,000		$120,000	$49,600
Subtotal:				$0	$570,000	$235,700
SUBTOTAL (I and II)				$0	$570,000	$235,700
III. IMPLEMENTATION COSTS						
3. O&M Contingency	15% of O&M Costs				$85,500	$35,400
Subtotal:				$0	$85,500	$35,400
A. TOTAL CAPITAL COSTS				$0		
B. TOTAL ANNUAL COSTS					$655,500	
C. TOTAL PRESENT WORTH OF ANNUAL COSTS						$271,100
TOTAL PRESENT WORTH OF CAPITAL AND ANNUAL COSTS FOR 43 NFA with Monitoring SITES						$272,000

LS - Lump Sum

Present worth cost is calculated using 7.0% interest in 2014 dollars.

Figures



MAP SOURCE: RAND McNALLY, NEW JERSEY STATE ROAD MAP 1991

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Date\Time : Thu, 31 Aug 2006 - 9:46am

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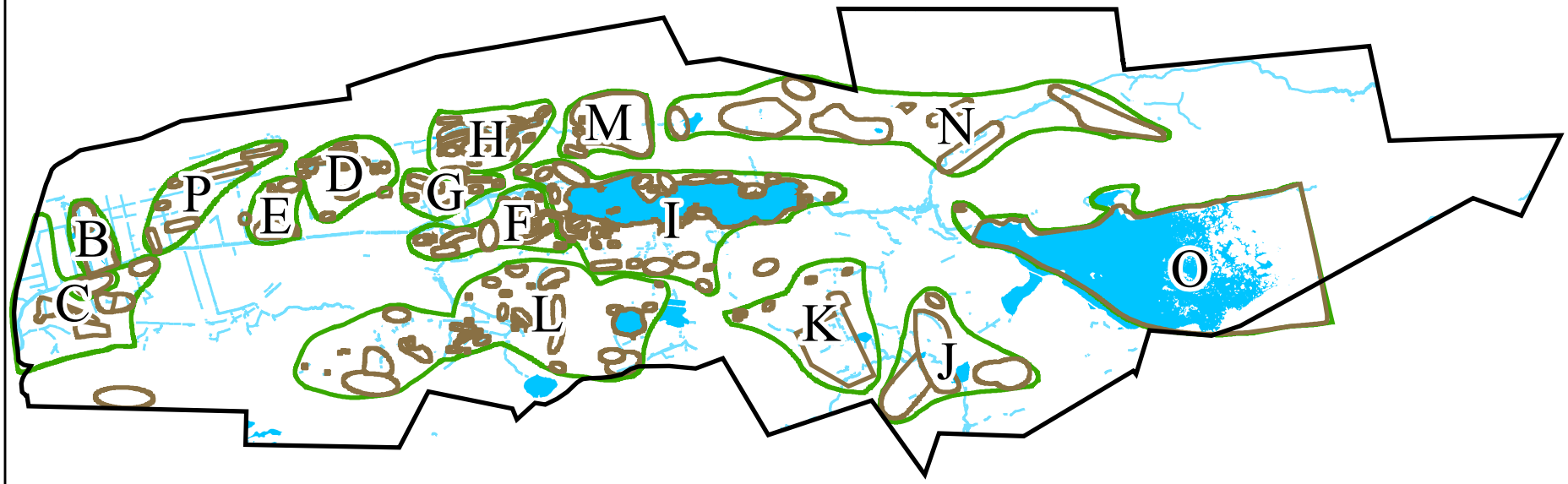
Edison, New Jersey 08817
Tel (732) 225-5061 Fax (732) 225-5067

SITE LOCATION MAP

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER TL	DEPARTMENT MANAGER PJS
DRAFTER JSG	CHECKED GSK
PROJECT NUMBER GP06PICA.001	DRAWING NUMBER 2-1



0 750 1,500 3,000 4,500 6,000
Feet

Legend

- Approximate Site Locations
- ANL RI Concept Plan Areas
- Surface Water
- Water Bodies
- Boundary

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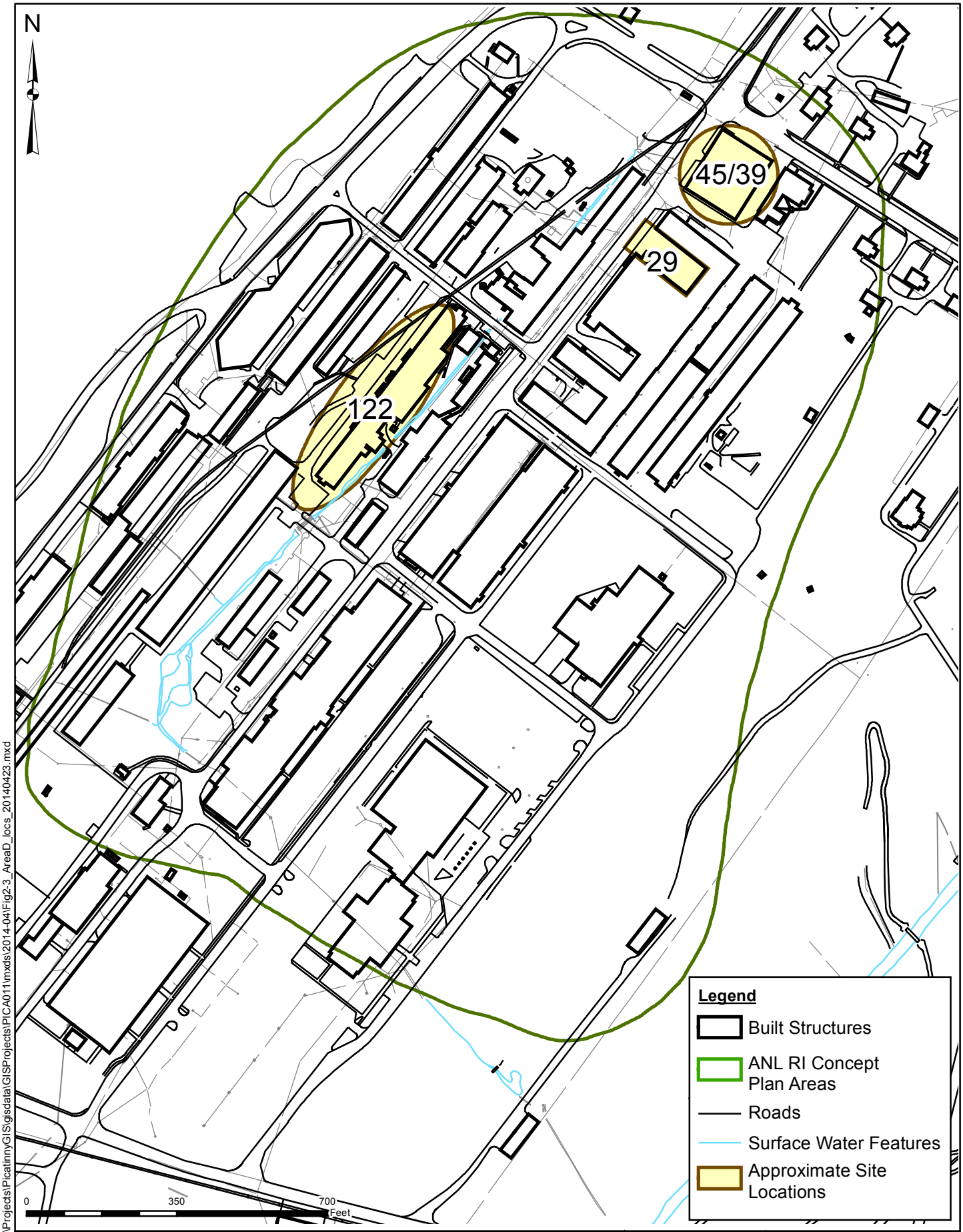
PICATINNY RI CONCEPT PLAN STUDY AREAS
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN W. JASLANEK	CHECKED K. TIPTON
PROJECT NUMBER MD000000.0000	DRAWING NUMBER 2-2



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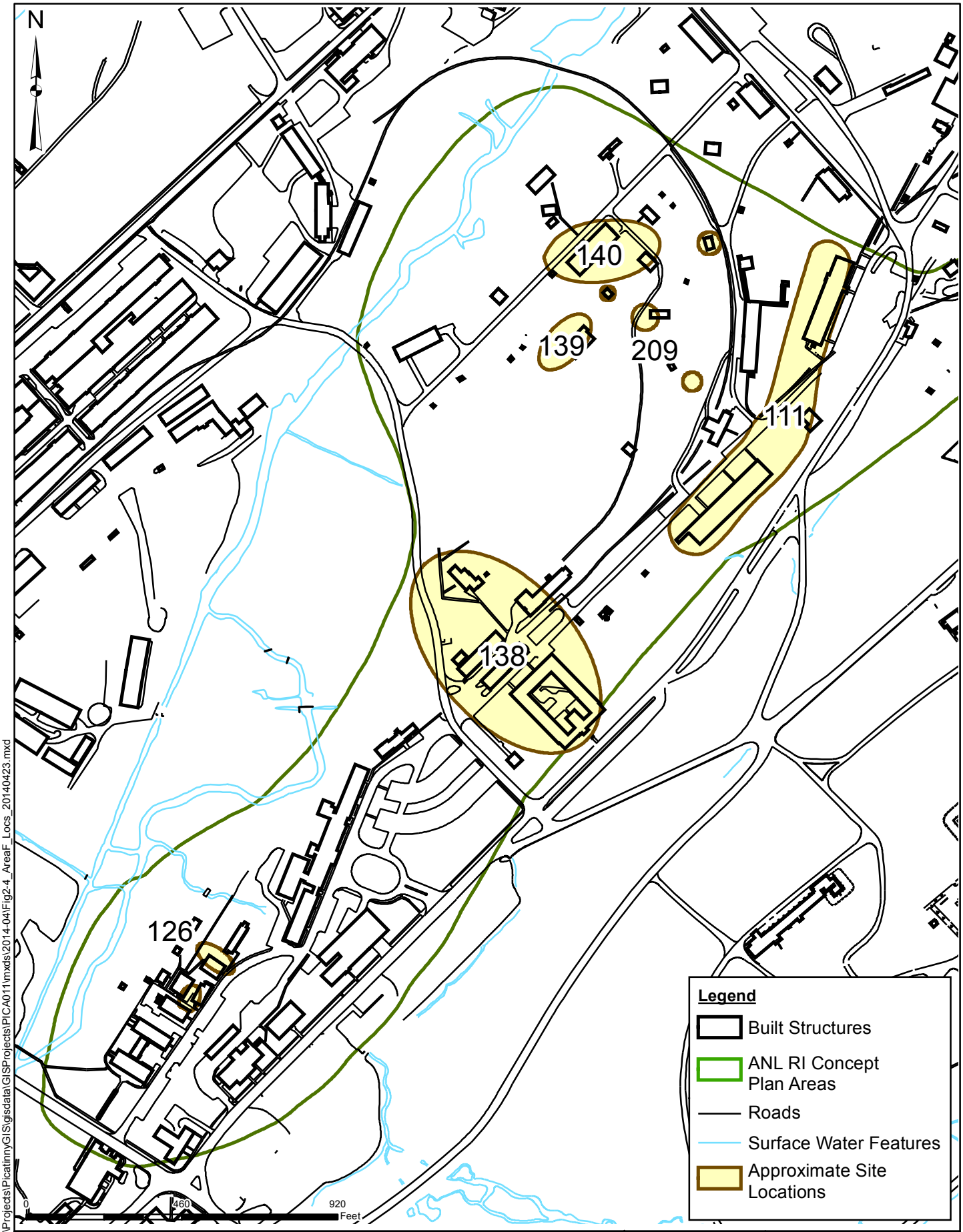
LOCATION MAP, AREA D
PICA 011/SITE 122, PICA 071/SITE 29,
AND PICA 084/SITE 45/39

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-3**



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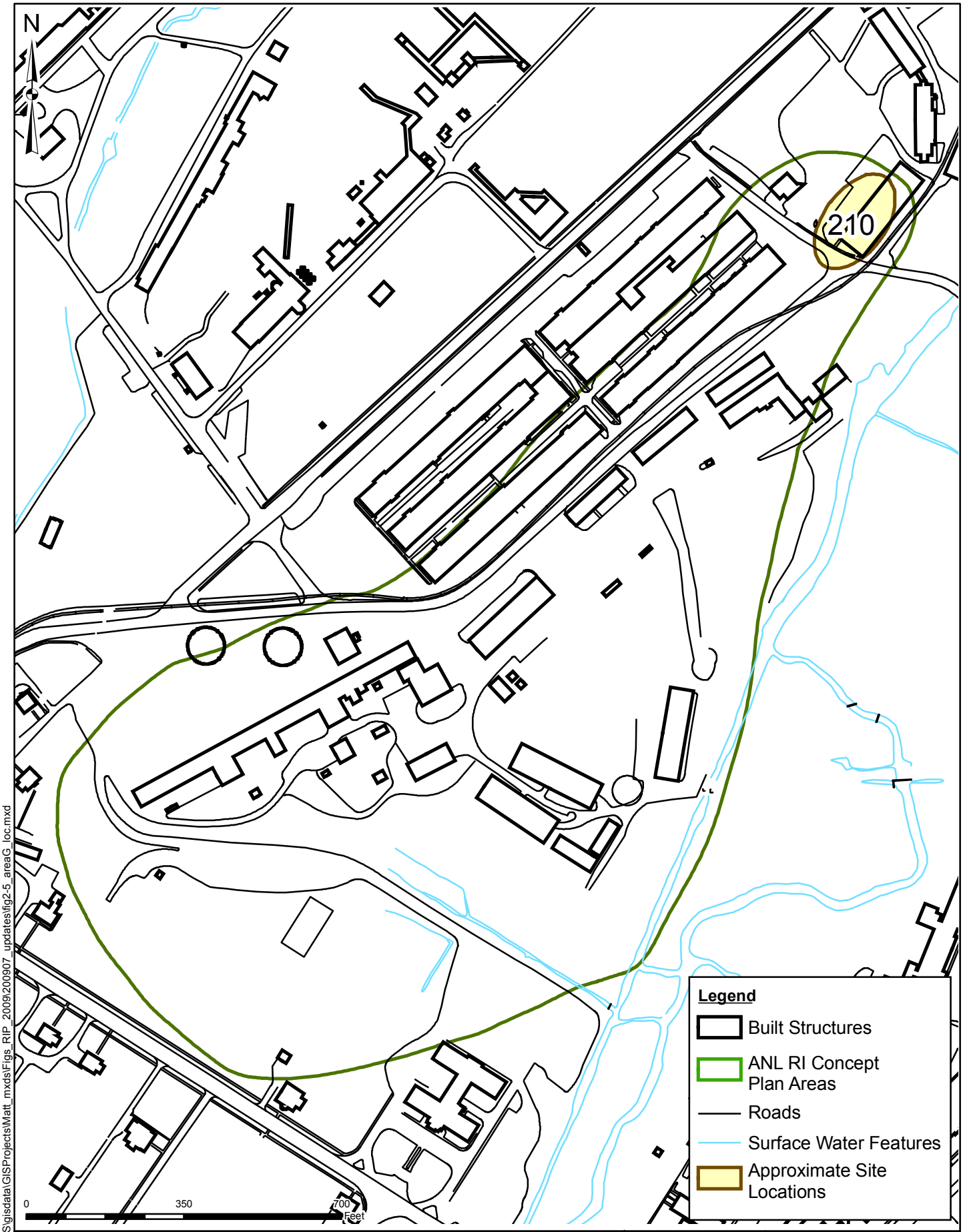
LOCATION MAP, AREA F
PICA 104/SITES 111, PICA 107/SITE 138,
PICA 108/SITE 139, PICA 109/SITE 140,
PICA 122/SITE 126, AND PICA 209/SITE 209

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-4**



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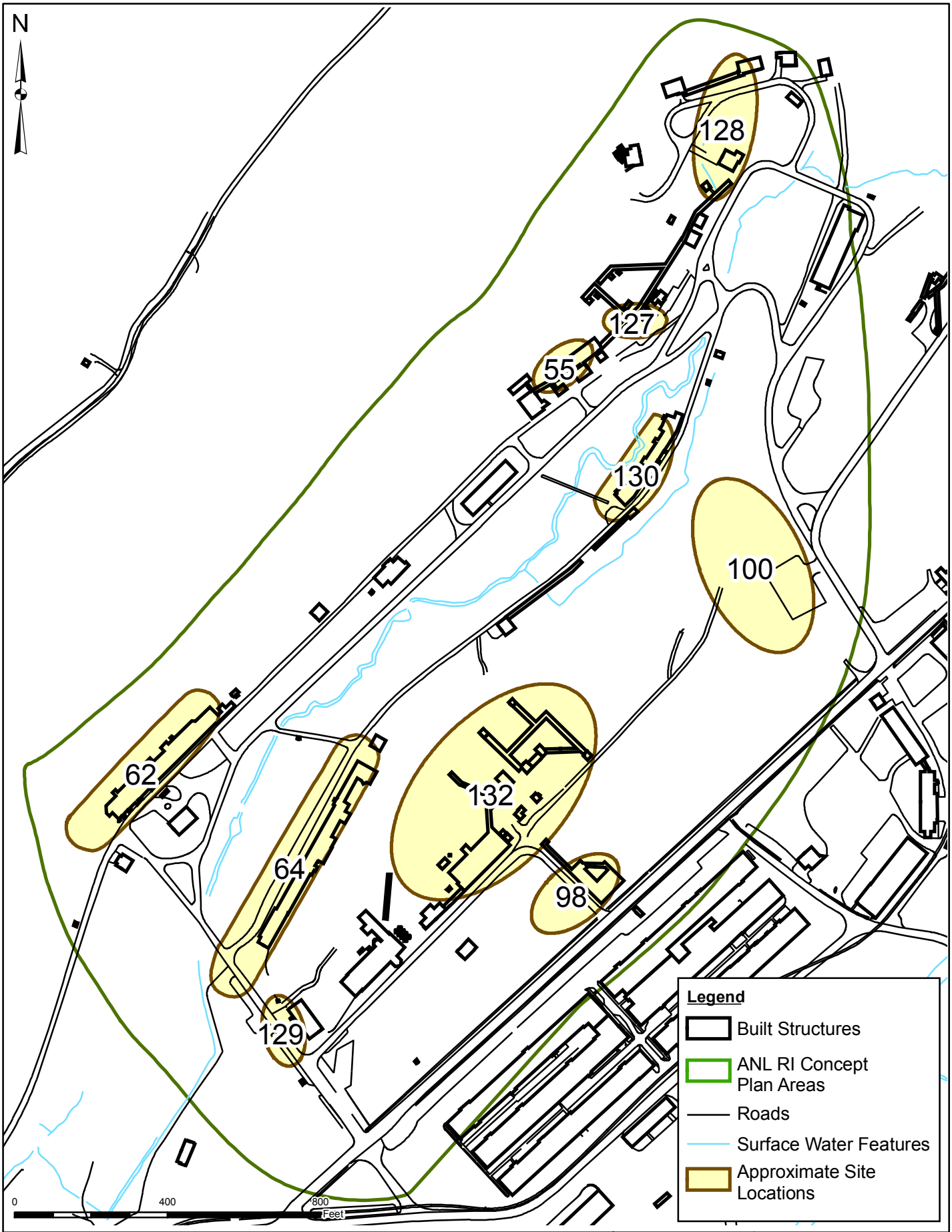
Location Map, Area G
PICA 210/Site 210

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-5**



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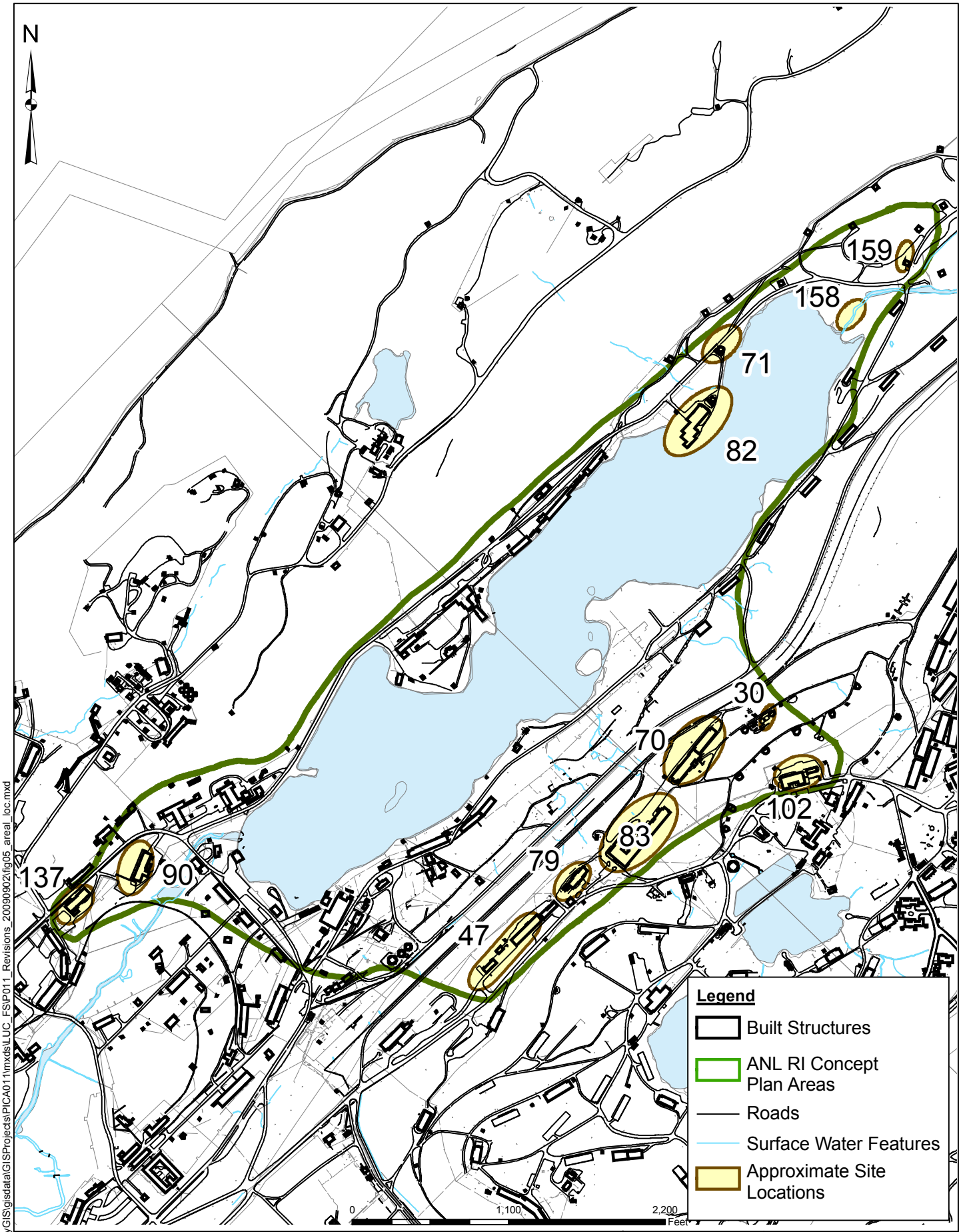
Location Map, Area H
PICA 091/Site 55, PICA 123/Site 62, PICA 124/Site 64, PICA 125/Site 98, PICA 126/Site 100, PICA 127/Site 127, PICA 128/Site 128, PICA 129/Site 129, PICA 130/Site 130, and PICA 132/Site 132

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 2-6



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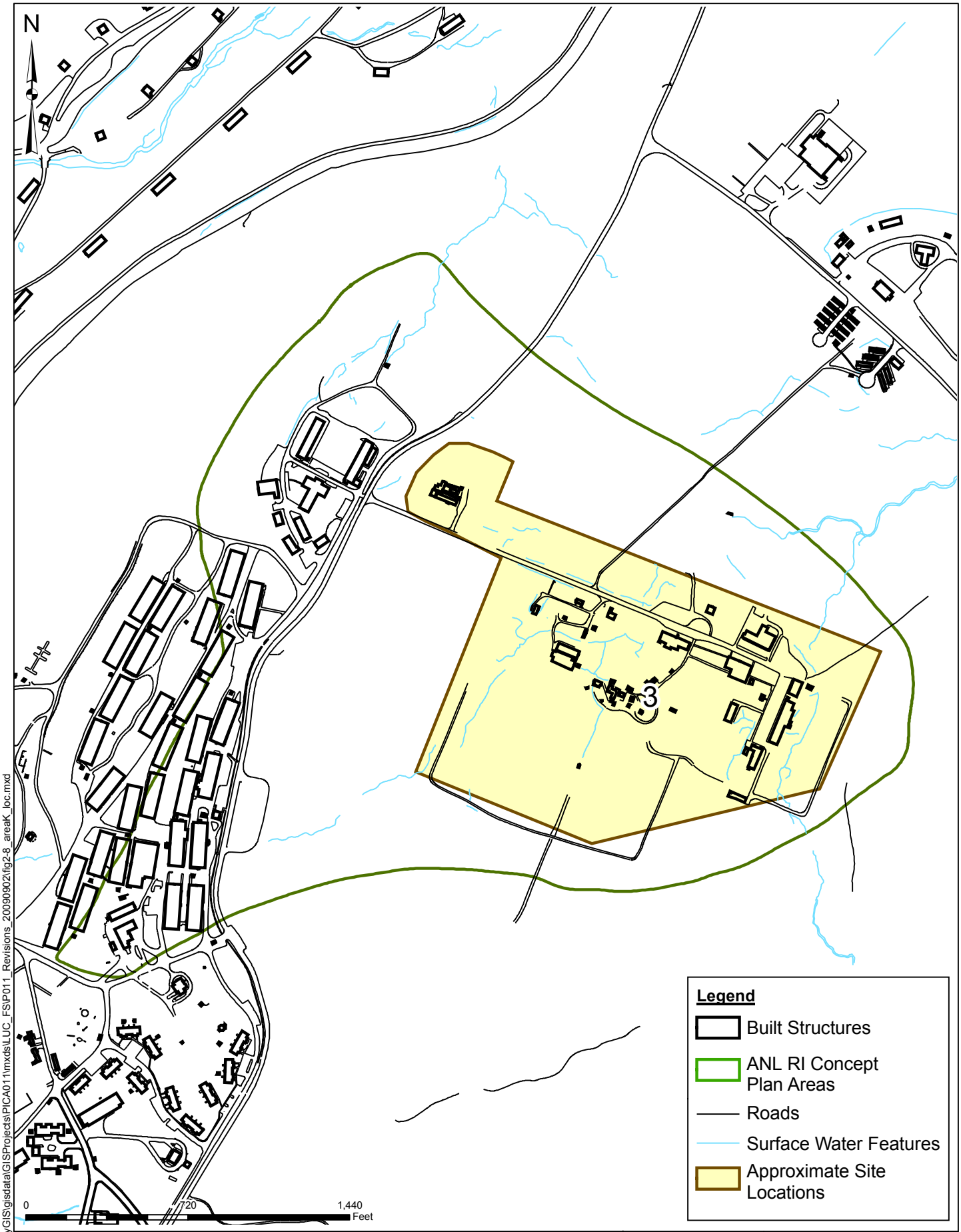
Location Map, Area I
PICA 018/Site 30, PICA 086/Site 47,
PICA 134/Site 70, PICA 135/Site 71,
PICA 136/Site 79, PICA 137/Site 82,
PICA 012/Site 83, PICA 138/Site 90,
PICA 141/Site 102, PICA 147/Site 137,
PICA 153/Site 158 and PICA 154/Site 159

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-7**



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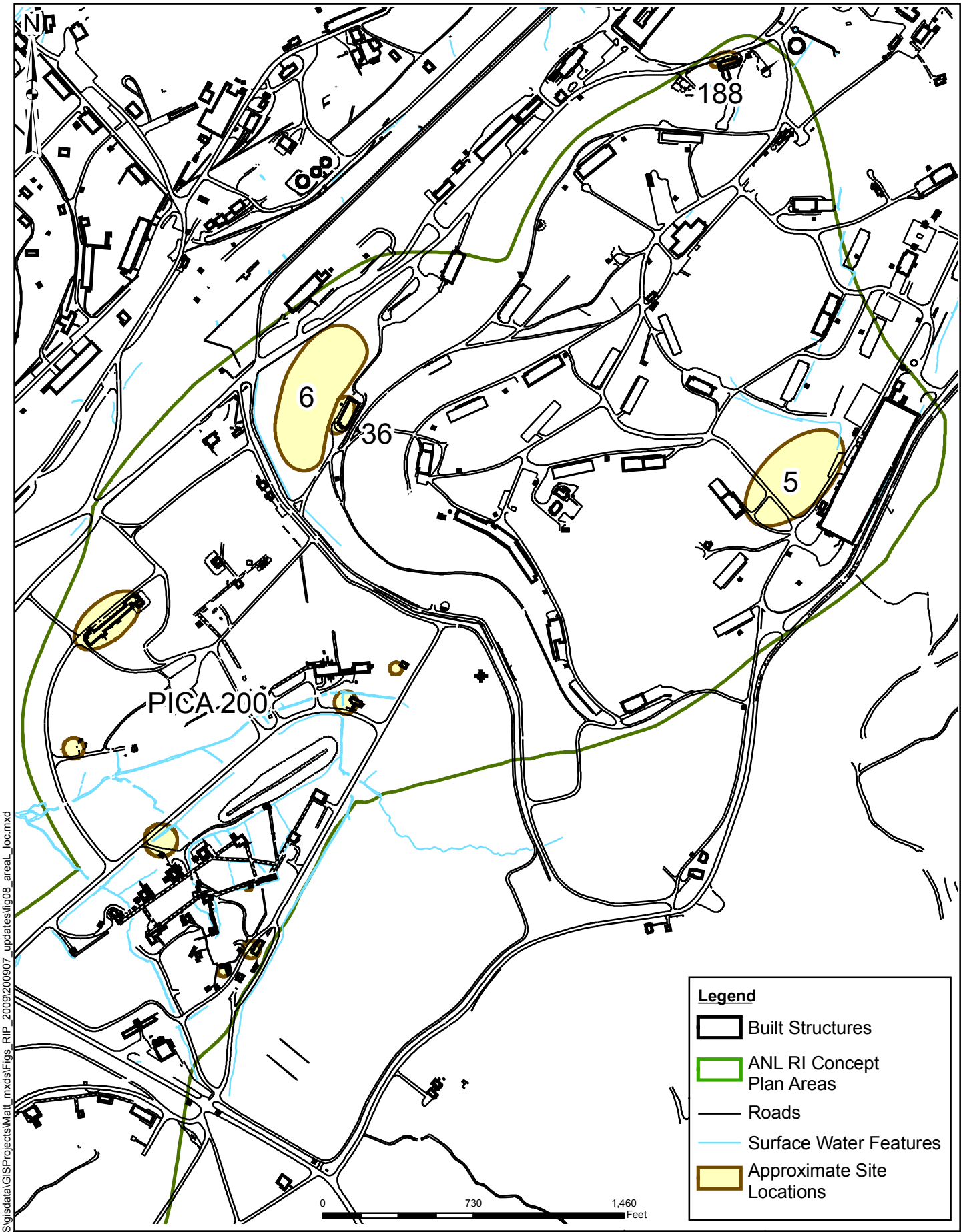
Location Map, Area K
PICA 050/Site 3

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-8**



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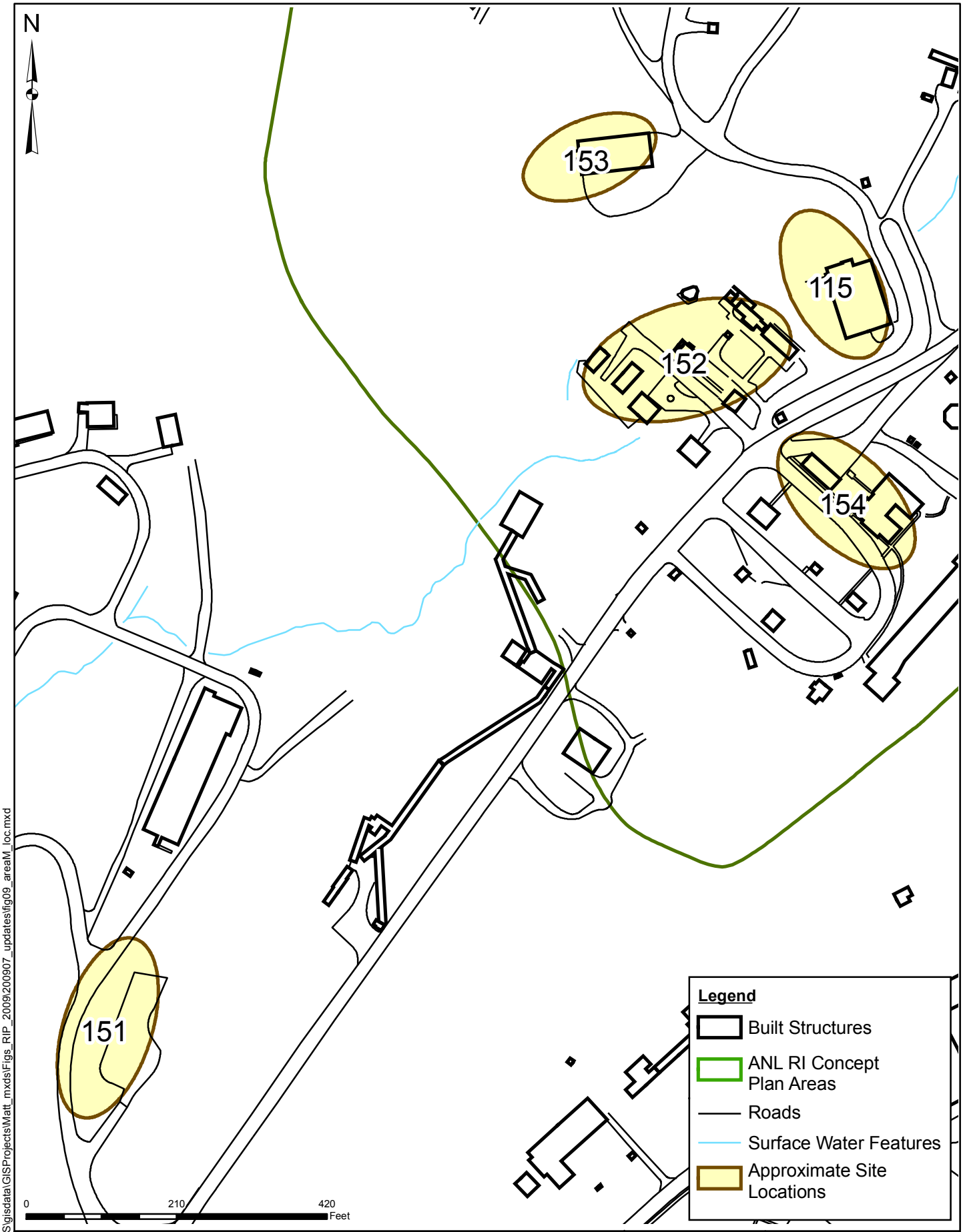
Location Map, Area L
PICA 162/Site 5, PICA 052/Site 6, PICA 075/Site 36
PICA 191/Site 188 and PICA 200/Site 200)

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-9**



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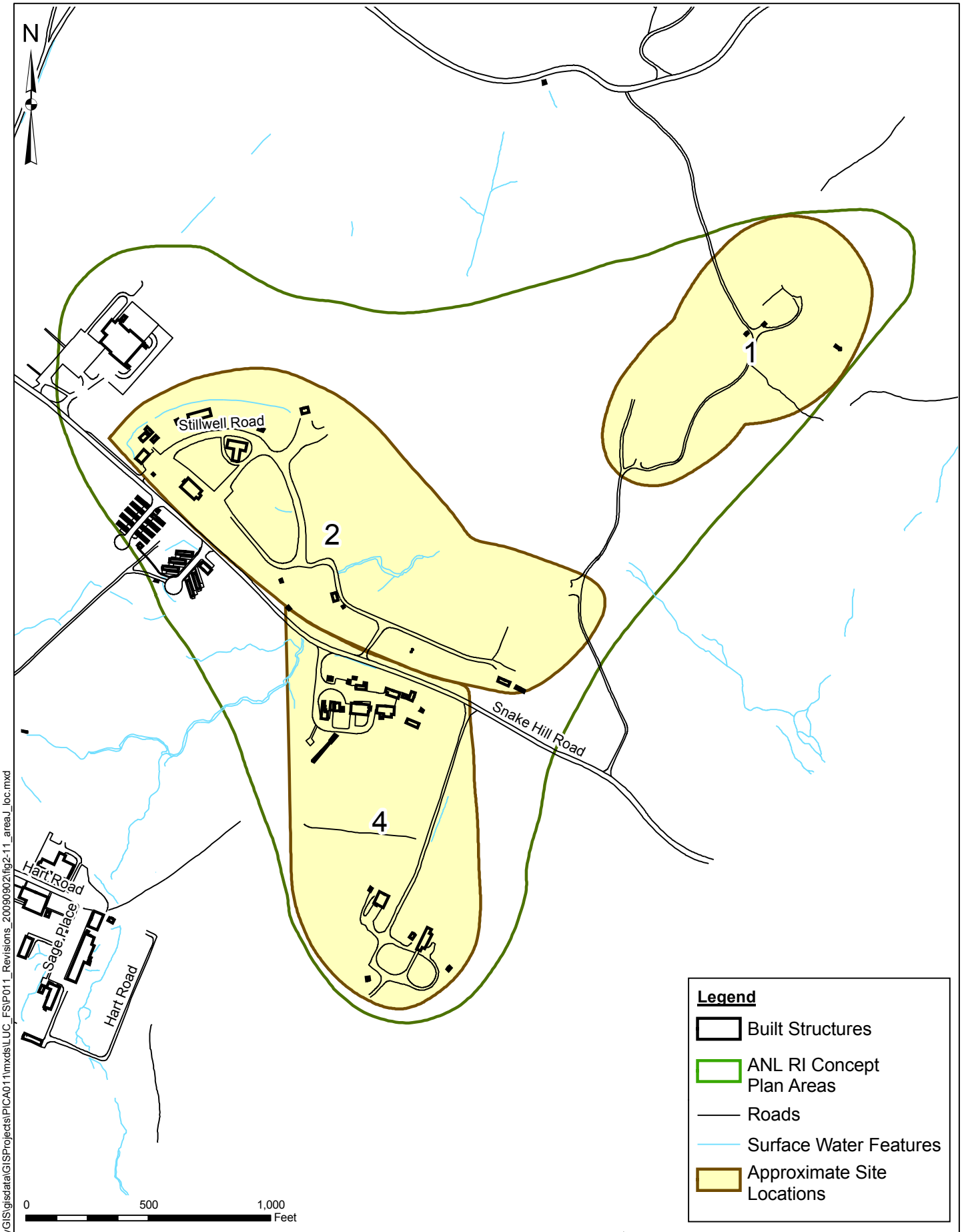
Location Map, Area M
PICA 175/Site 115, PICA 133/Site 151,
PICA 178/Site 152, PICA 179/Site 153,
and PICA 180/Site 154

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 2-10



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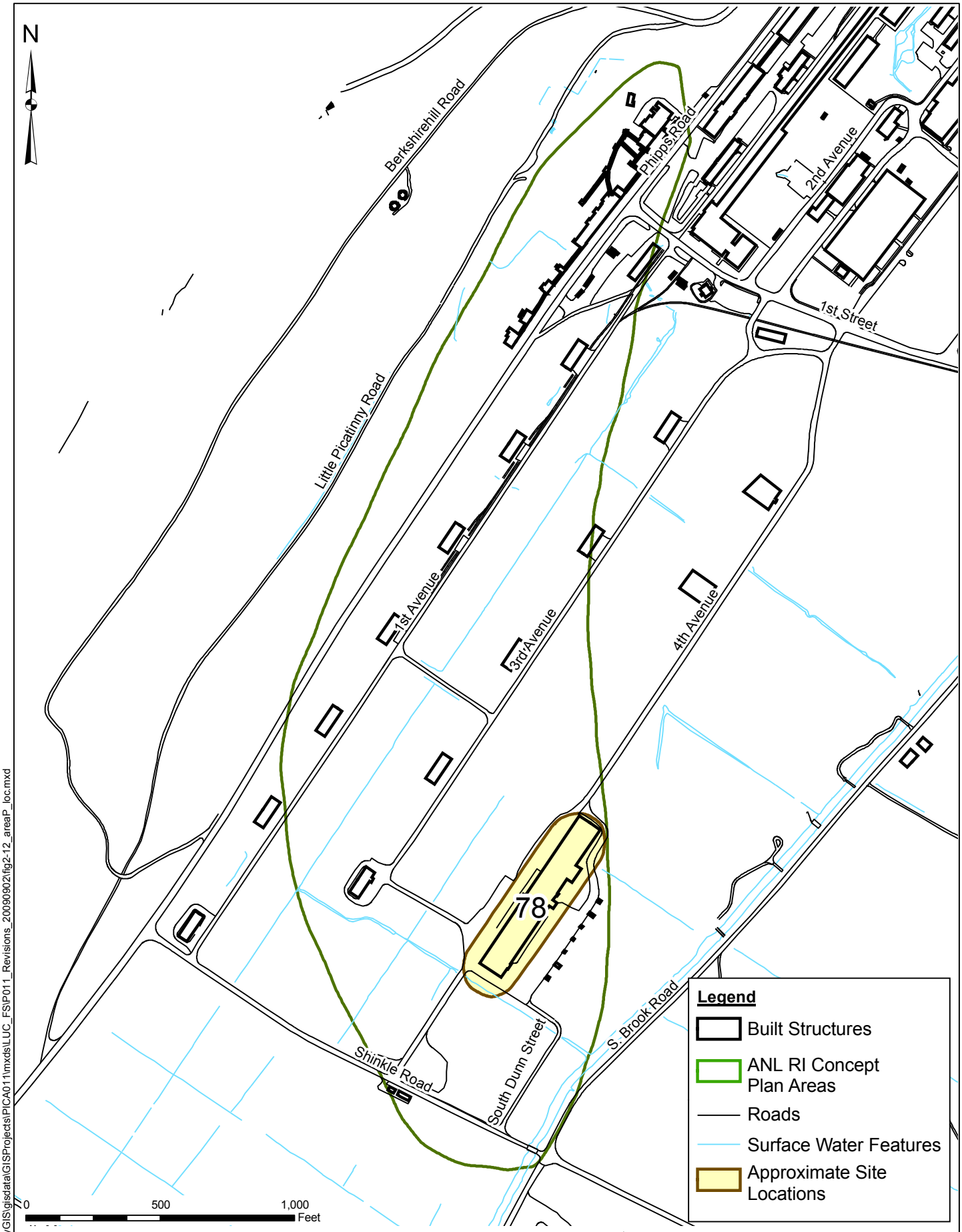
Location Map, Area J
PICA 007/Site 1, PICA-008/Site 2,
PICA 157/Site 4

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-11**



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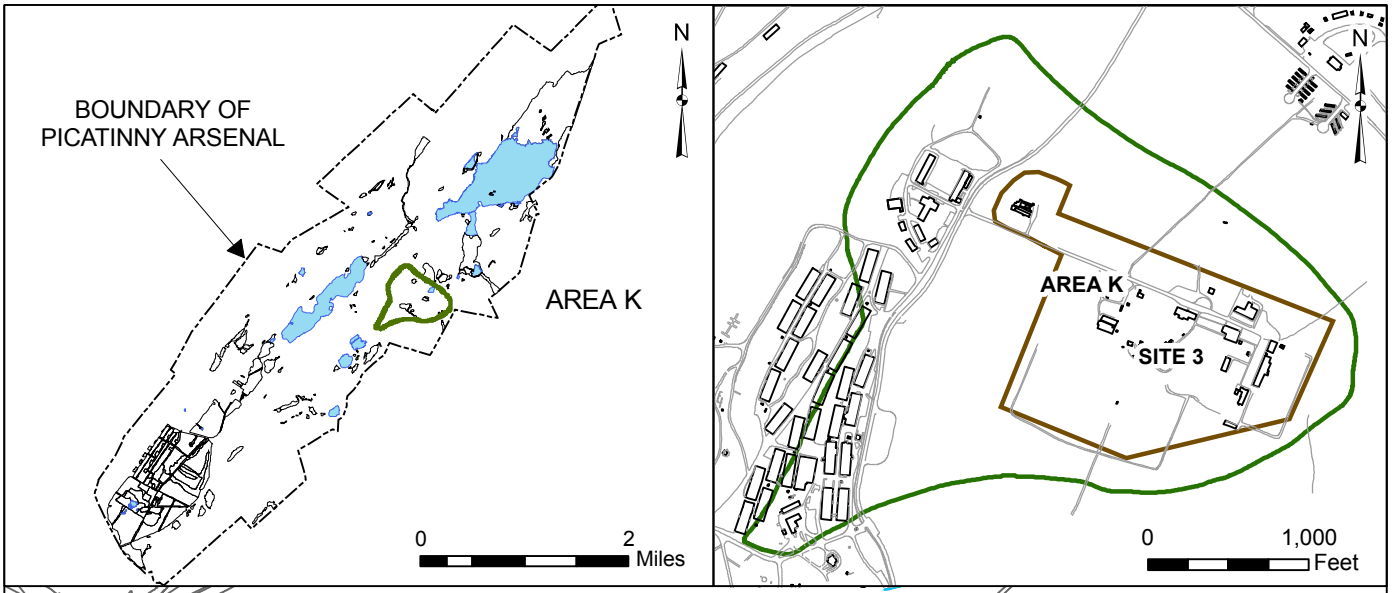
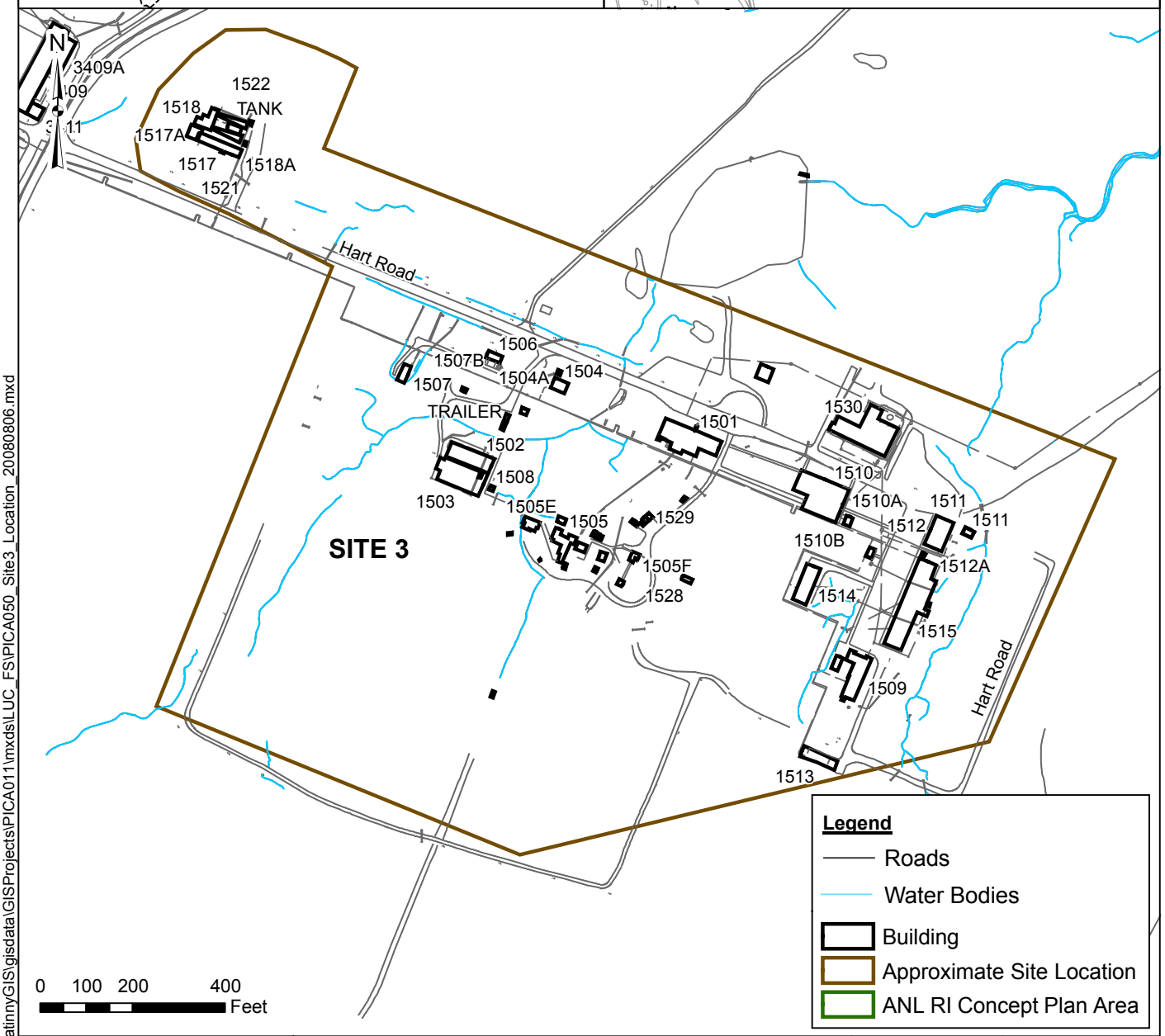
Location Map, Area P
PICA 013/Site 78

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHUIDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER **2-12**





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LAYOUT OF PICA 050/RI SITE 3

PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER
T. LLEWELLYN	M. MOHIUDDIN
DRAWN	CHECKED
M. GRESS	K. TIPTON
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011.NJ001	3-1

SITE 3

K-3-MW-003				
Date		10/25/96	05/23/00	05/23/00 (dup)
Compound	LOC	Conc	Conc	Conc
Arsenic (ug/l)	3	NE	7	5.7
Iron (ug/l)	300	15100	30100	26500
Manganese (ug/l)	50	2490	1700	1500
Sodium (ug/l)	50000	68100	NE	NE
Thallium (ug/l)	0.5	ND	1 J	0.9 J

K-3-SD-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Silver (mg/kg)	1.0	1.78

K-3-SD-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Fluoranthene (mg/kg)	0.06423	0.17
Phenanthrene (mg/kg)	0.0419	0.06
Pyrene (mg/kg)	0.0530	0.15
Silver (mg/kg)	1.0	3.25

K-3-SW-008		
Date		08/08/96
Compound	LOC	Conc
Chromium (ug/l)	10	15.7

K-3-SD-019		
Depth (ft)		0 – .5
Compound	LOC	Conc
Benzo(b)fluoranthene (mg/kg)	0.0272	0.06 J
Silver (mg/kg)	1.0	6.23

K-3-SW-009		
Date		08/12/96
Compound	LOC	Conc
Aluminum (ug/l)	190	241

K-3-SD-009		
Depth (ft)		0 – 1
Compound	LOC	Conc
Toluene (mg/kg)	0.05	0.15

K-3-SW-018		
Date		04/13/00
Compound	LOC	Conc
Aluminum (ug/l)	190	18600 J
Antimony (ug/l)	5.6	7.1 J
Arsenic (ug/l)	1.38	4.5 J
Chromium (ug/l)	10	46
Cobalt (ug/l)	11	13 J
Copper (ug/l)	9.4	26
Iron (ug/l)	1790	21000
Lead (ug/l)	3.2	23
Manganese (ug/l)	383	870
Mercury (ug/l)	0.05	0.23
Zinc (ug/l)	122	380

K-3-SD-018			
Depth (ft)		0 – .5	0 – 1
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.0319	0.11 J	NA
Benzo(b)fluoranthene (mg/kg)	0.0272	0.15 J	NA
Benzo(k)fluoranthene (mg/kg)	0.0272	0.06 J	NA
Cadmium (mg/kg)	1.70	2.86	ND
Copper (mg/kg)	28	56.7 J	NE
Fluoranthene (mg/kg)	0.06423	0.15 J	NA
Mercury (mg/kg)	0.249	0.32	NE
Phenanthrene (mg/kg)	0.0419	0.08 J	NA
Pyrene (mg/kg)	0.0530	0.09 J	NA
Silver (mg/kg)	1.0	15.9	NE
Zinc (mg/kg)	171	239 J	NE

K-3-MW-005		
Date		10/25/96
Compound	LOC	Conc
Manganese (ug/l)	50	85.2
Methylene chloride (ug/l)	3	4

K-3-HP-009			
Date		02/29/00	02/29/00 (dup)
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	40600 J	120000 J
Arsenic (ug/l)	3	12 J	38 J
Chromium (ug/l)	70	NE	220 J
Iron (ug/l)	300	66800 J	170000 J
Lead (ug/l)	5	46 J	130 J
Manganese (ug/l)	50	3400	4600
Nickel (ug/l)	100	NE	120 J
Thallium (ug/l)	0.5	5.7 J	8 J

K-3-SW-006		
Date		08/08/96
Compound	LOC	Conc
2,4-Dinitrotoluene (ug/l)	0.11	0.12
Aluminum (ug/l)	190	666
Arsenic (ug/l)	1.38	1.47
Iron (ug/l)	1790	12600
Manganese (ug/l)	383	1570

K-3-MW-007		
Date		05/23/00
Compound	LOC	Conc
Aluminum (ug/l)	200	2500
Iron (ug/l)	300	2600
Manganese (ug/l)	50	380
Thallium (ug/l)	0.5	0.6 J

K-3-SW-016		
Date		06/10/96
Compound	LOC	Conc
Aluminum (ug/l)	190	207

K-3-MW-006		
Date		10/11/96
Compound	LOC	Conc
Radium-226 (pCi/L)	5	7.56

K-3-SD-006		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	38.8	39.8
Pyrene (mg/kg)	0.0530	0.06

K-3-SD-014			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Chromium (mg/kg)	37.3	49.4	NE
Copper (mg/kg)	28	55.5	NE
Fluoranthene (mg/kg)	0.06423	0.11	NA
Mercury (mg/kg)	0.249	0.66	NE
Phenanthrene (mg/kg)	0.0419	0.05	NA
Pyrene (mg/kg)	0.0530	0.12	NA
Silver (mg/kg)		1.0	1.18	ND

K-3-SW-005		
Date		08/08/96
Compound	LOC	Conc
2,4-Dinitrotoluene (ug/l)	0.11	0.18

K-3-SW-014		
Date		06/11/96
Compound	LOC	Conc
Iron (ug/l)	1790	1960

K-3-SW-013		
Date		07/16/96
Compound	LOC	Conc
Aluminum (ug/l)	190	1490
Arsenic (ug/l)	1.38	3.39
Copper (ug/l)	9.4	31.7
Iron (ug/l)	1790	13500
Lead (ug/l)	3.2	13.4
Manganese (ug/l)	383	404

K-3-SW-001		
Date		08/08/96
Compound	LOC	Conc
2,4-Dinitrotoluene (ug/l)	0.11	0.2
Aluminum (ug/l)	190	545

K-3-SD-004		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(k)fluoranthene (mg/kg)	0.0272	0.08
Chrysene (mg/kg)	0.0571	0.2
Fluoranthene (mg/kg)	0.06423	0.43
Phenanthrene (mg/kg)	0.0419	0.27
Pyrene (mg/kg)	0.0530	0.31

K-3-SD-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Acenaphthene (mg/kg)	0.00671	0.23
Anthracene (mg/kg)	0.03162	0.14
Benz(a)anthracene (mg/kg)	0.0317	0.55
Benzo(a)pyrene (mg/kg)	0.0319	0.6
Benzo(b)fluoranthene (mg/kg)	0.0272	0.88
Benzo(k)fluoranthene (mg/kg)	0.0272	0.27
Chrysene (mg/kg)	0.0571	0.7
Fluoranthene (mg/kg)	0.06423	1.4
Fluorene (mg/kg)	0.0212	0.08
Phenanthrene (mg/kg)	0.0419	0.39
Pyrene (mg/kg)	0.0530	1
Strontium (mg/kg)	16	21

K-3-SW-004			
Date		04/22/88	08/29/96
Compound	LOC	Conc	Conc
Aluminum (ug/l)	190	NA	803
Iron (ug/l)	1790	NA	4920
Lead (ug/l)	3.2	NA	3.58
Manganese (ug/l)	383	NA	611
Sulfate (ug/l)	250000	13000000	ND

K-3-SS-009A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.66

K-3-SD-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Chromium (mg/kg)	37.3	45.2
Copper (mg/kg)	28	39.5
Fluoranthene (mg/kg)	0.06423	0.26
Lead (mg/kg)	38.8	43.8
Mirex (mg/kg)	0.007	1.6
Phenanthrene (mg/kg)	0.0419	0.15
Pyrene (mg/kg)	0.0530	0.3
Strontium (mg/kg)	16	25
Zinc (mg/kg)	171	225

K-3-MW-001		
Date		10/30/96
Compound	LOC	Conc
Aluminum (ug/l)	200	641
Iron (ug/l)	300	948

K-3-HP-001		
Date		03/01/00
Compound	LOC	Conc
RDX (ug/l)	2	12

K-3-SW-012		
Date		06/11/96
Compound	LOC	Conc
Aluminum (ug/l)	190	354
bis(2-Ethylhexyl)phthalate (ug/l)	1.2	25 J
Iron (ug/l)	1790	2430
Lead (ug/l)	3.2	3.34

K-3-MW-002			
Date		10/18/96	05/24/00
Compound	LOC	Conc	Conc
Radium-226 (pCi/L)	5	12.6	NA
RDX (ug/l)	2	99.2	8.1

K-3-SD-017			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
2-Methylnaphthalene (mg/kg)	0.0202	0.1	ND
Acenaphthene (mg/kg)	0.00671	0.87	0.5
Anthracene (mg/kg)	0.03162	0.98	0.57
Benz(a)anthracene (mg/kg)	0.0317	1.4	0.91
Benzo(a)pyrene (mg/kg)	0.0319	1.7	0.98
Benzo(b)fluoranthene (mg/kg)	0.0272	2.5	1.1
Benzo(g,h,i)perylene (mg/kg)	0.29	0.52	0.53
Benzo(k)fluoranthene (mg/kg)	0.0272	0.73	0.51
Chrysene (mg/kg)	0.0571	2.1	0.91
Copper (mg/kg)	28	58.2	NA
Dibenz(a,h)anthracene (mg/kg)	0.00622	ND	0.14 J
Fluoranthene (mg/kg)	0.06423	4.1	2.3
Fluorene (mg/kg)	0.0212	0.6	0.29 J
Indeno(1,2,3-cd)pyrene (mg/kg)	0.078	0.64	0.5
Naphthalene (mg/kg)	0.03275	0.25	0.21 J
Phenanthrene (mg/kg)	0.0419	4.1	2.5
Pyrene (mg/kg)	0.0530	4.5	2

K-3-SW-017		
Date		06/11/96
Compound	LOC	Conc
bis(2-Ethylhexyl)phthalate (ug/l)	1.2	33 J

K-3-MW-004				
Depth (ft)		0 – 1	4 – 6	4 – 6 (dup)
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	19	22	NE	NE

K-3-SW-010A		
Date		08/07/96
Compound	LOC	Conc
Aluminum (ug/l)	190	327

K-3-MW-004.		
Date		10/25/96
Compound	LOC	Conc
Aluminum (ug/l)	200	444
Iron (ug/l)	300	361

K-3-SD-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Manganese (mg/kg)	1673	2740
Strontium (mg/kg)	16	54

K-3-SW-011		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	1.70	1.74
Chromium (mg/kg)	37.3	54.7
Copper (mg/kg)	28	36.6
Lead (mg/kg)	38.8	40.2
Strontium (mg/kg)	16	24.1
Zinc (mg/kg)	171	196

K-3-SW-002, K-3-SD-002, K-3-SW-001, K-3-SD-001, K-3-SW-003, K-3-SD-003, K-3-SW-004, K-3-SD-004, K-3-SW-005, K-3-SD-005, K-3-SW-006, K-3-SD-006, K-3-SS-001, K-3-SS-002A, K-3-SW-007, K-3-SD-007, K-3-SW-008, K-3-SD-008, K-3-SW-009, K-3-SD-009, K-3-SW-019, K-3-SD-019, K-3-SW-018, K-3-SD-018, K-3-SW-016, K-3-SD-016, K-3-SW-015, K-3-SD-015, K-3-SW-014, K-3-SD-014, K-3-SW-013, K-3-SD-013, K-3-SS-009A, K-3-SW-017, K-3-SD-017, K-3-SW-012, K-3-SD-012, K-3-SW-011, K-3-SD-011, K-3-SW-010A, K-3-SD-010A, K-3-SS-008A, K-3-SS-007A, K-3-SS-009A, K-3-SS-006A, K-3-SS-005, K-3-SS-004, K-3-SS-003, K-3-SS-010A, K-3-SB-001, K-3-SS-011, K-3-SP-001, K-3-EX1-SW, K-3-EX1-SD, K-3-MW-001, K-3-MW-002, K-3-MW-003, K-3-MW-004, K-3-MW-005, K-3-MW-006, K-3-MW-007, K-3-MW-009, K-3-HP-001, K-3-HP-002, K-3-HP-003, K-3-HP-005, K-3-HP-009, K-3-SD-020

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

N

0 50 SCALE IN FEET

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

ARCADIS
1114 Benfield Blvd.
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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN
DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST
CHECKED BY: T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 050/RI SITE 3 1500 SERIES BUILDINGS
TASK/PHASE NUMBER: EA001
DRAWN BY: A. FOX
PROJECT NUMBER: GP06PICA.P011
DRAWING NUMBER: 3-2

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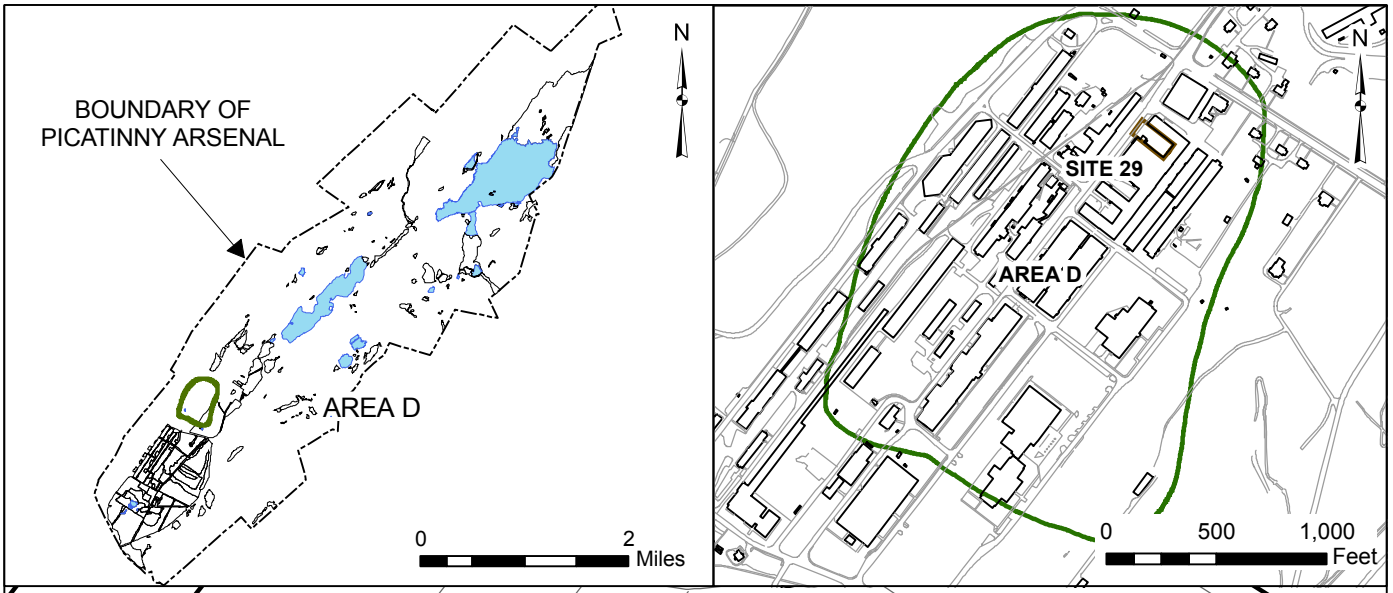
Acad Version : R17.1s (LMS Tech)
User Name : AFOX



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ARCADIS
ARCADIS - Edison, NJ
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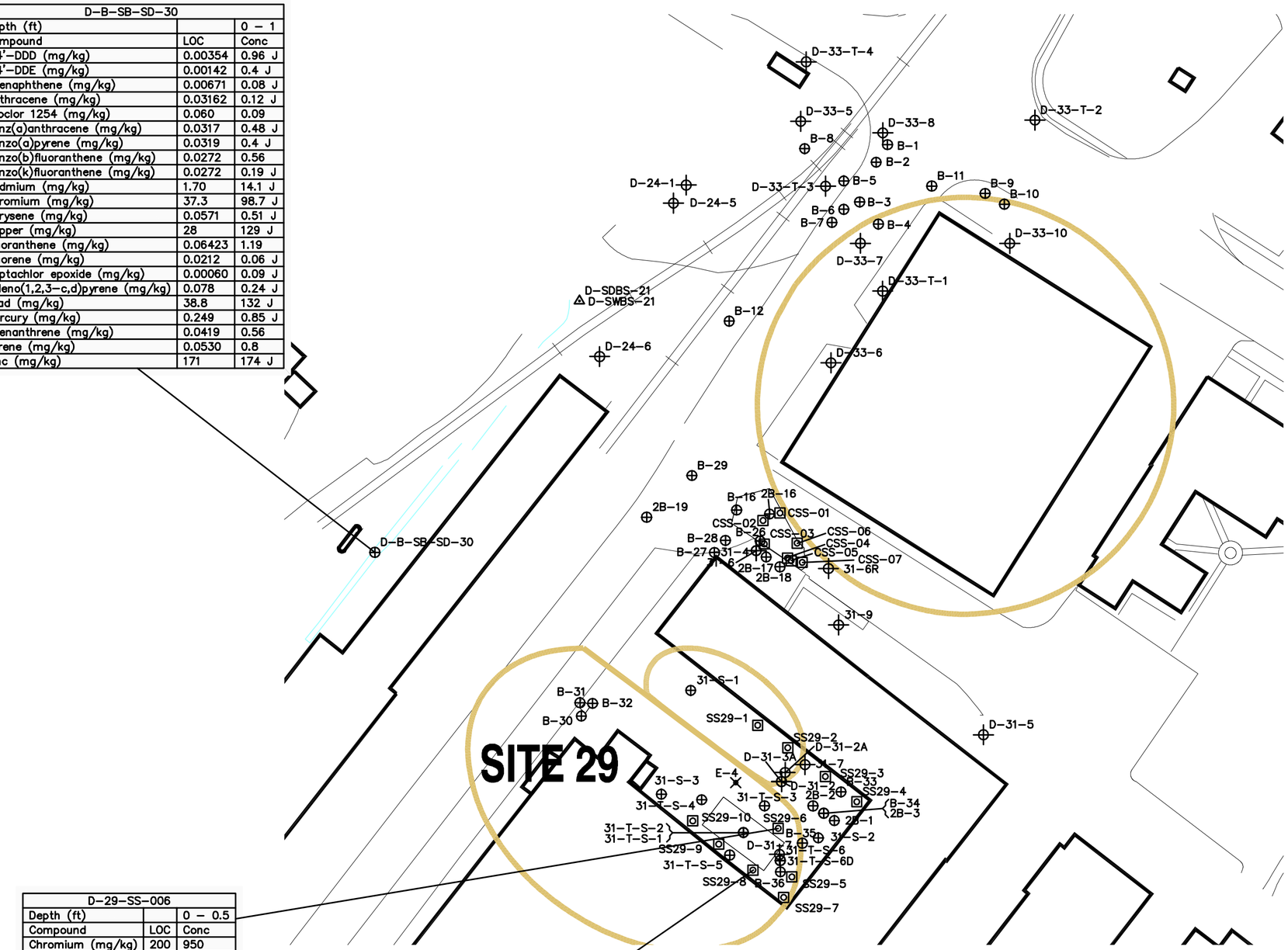
LAYOUT OF PICA 071/RI SITE 29

PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-3

D-B-SB-SD-30		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'-DDD (mg/kg)	0.00354	0.96 J
4,4'-DDE (mg/kg)	0.00142	0.4 J
Acenaphthene (mg/kg)	0.00671	0.08 J
Anthracene (mg/kg)	0.03162	0.12 J
Aroclor 1254 (mg/kg)	0.060	0.09
Benz(a)anthracene (mg/kg)	0.0317	0.48 J
Benzo(a)pyrene (mg/kg)	0.0319	0.4 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.56
Benzo(k)fluoranthene (mg/kg)	0.0272	0.19 J
Cadmium (mg/kg)	1.70	14.1 J
Chromium (mg/kg)	37.3	98.7 J
Chrysene (mg/kg)	0.0571	0.51 J
Copper (mg/kg)	28	129 J
Fluoranthene (mg/kg)	0.06423	1.19
Fluorene (mg/kg)	0.0212	0.06 J
Heptachlor epoxide (mg/kg)	0.00060	0.09 J
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	0.24 J
Lead (mg/kg)	38.8	132 J
Mercury (mg/kg)	0.249	0.85 J
Phenanthrene (mg/kg)	0.0419	0.56
Pyrene (mg/kg)	0.0530	0.8
Zinc (mg/kg)	171	174 J



D-29-SS-006		
Depth (ft)		0 – 0.5
Compound	LOC	Conc
Chromium (mg/kg)	200	950

D-29-SS-008		
Depth (ft)		0 – 0.5
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.3

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

ARCADIS
1114 Benfield Blvd.
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Millersville, MD 21108
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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT (BLDG 31 YARD)
PICA 071/RI SITE 29
YARD DRUM STORAGE AREA

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-4

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Tue, 01 Sep 2009 - 9:16am
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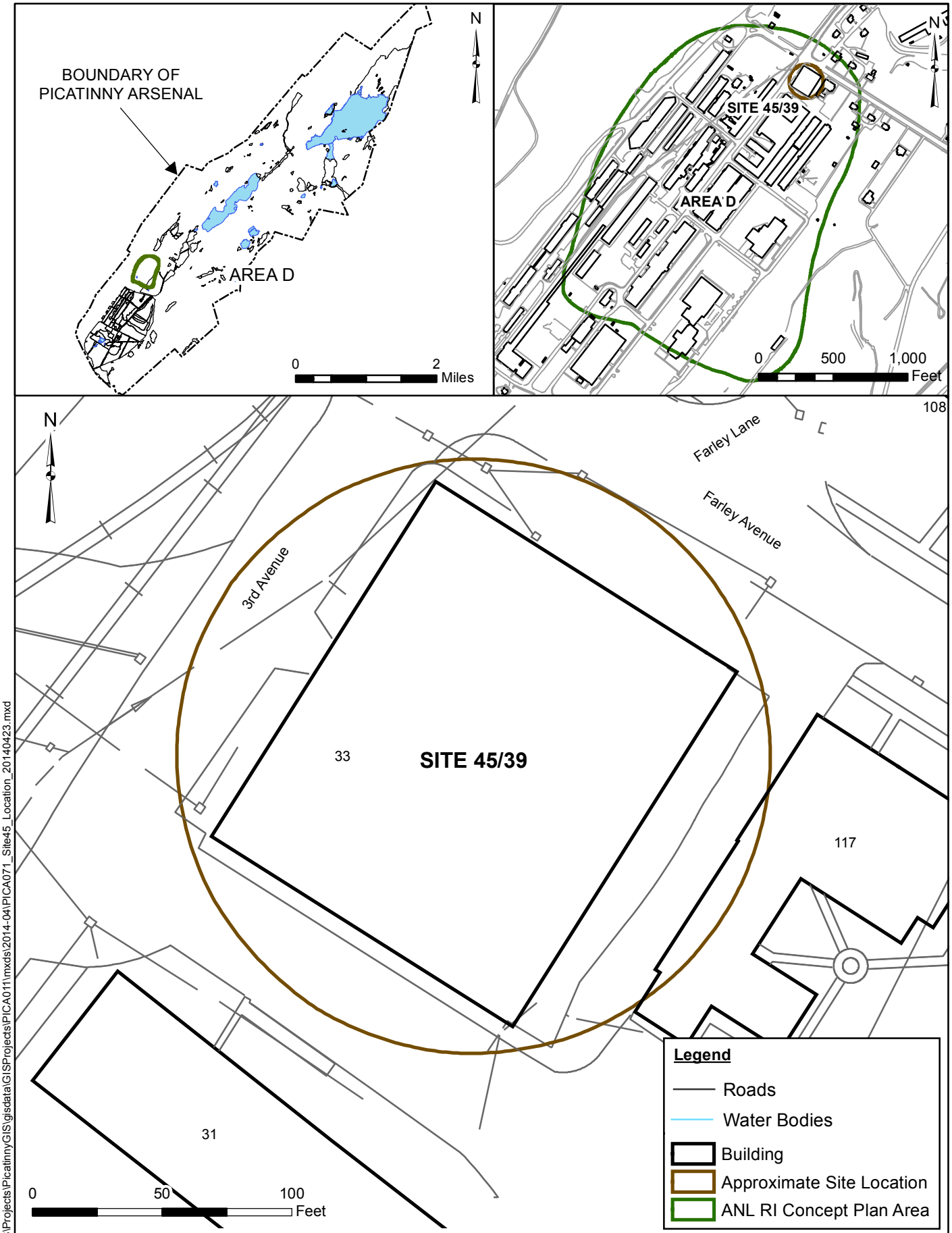

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LAYOUT OF PICA 071/RI SITE 45/39

PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-5

B-8			
Depth (ft)		6.5 – 7	10 – 10.5
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	26	NE

D-33-T-3						
Date		12/17/03	06/23/04	06/14/05	12/06/04	12/05/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Iron (ug/l)	300	629	733	517	686	804

D-33-8							
Date		08/06/03	12/17/03	06/23/04	12/06/04	06/14/05	12/05/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc
Benzene (ug/l)	1	ND	ND	ND	ND	2.4 JD	ND
Chloride (ug/l)	250000	421000 D	NE	NA	NA	NA	NA
Iron (ug/l)	300	NA	2180	2140	1770	2800	13900

B-1			
Depth (ft)		9.5 – 10	11 – 11.5
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.47	ND

D-33-T-2							
Date		08/05/03	12/16/03	06/23/04	12/07/04	06/13/05	12/02/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc
Chloride (ug/l)	250000	1550000 D	NA	NA	NA	NA	NA
Iron (ug/l)	300	NA	1030	375	8120	6860	461

D-SDBS-21		
Depth (ft)		0 – .5
Compound	LOC	Conc
1,2,3,4,6,7,8-Heptachlorodibenzofuran (mg/kg)	0.000085	0.01
4,4'-DDD, USAEC LH17 (mg/kg)	0.00354	0.55
4,4'-DDD, USAEC LM25 (mg/kg)	0.00354	ND
Benz(a)anthracene (mg/kg)	0.0317	2.4
Benzo(b)fluoranthene (mg/kg)	0.0272	1.3
Cadmium (mg/kg)	1.70	2.18
Chrysene (mg/kg)	0.0571	3.2
Copper (mg/kg)	28	39.5
Endosulfan sulfate, USAEC LH17 (mg/kg)	0.0003	0.09 N
Endosulfan sulfate, USAEC LM25 (mg/kg)	0.0003	ND
Fluoranthene (mg/kg)	0.06423	4.2
Lead (mg/kg)	38.8	116
Mercury (mg/kg)	0.249	0.46
Octachlorodibenzodioxin (mg/kg)	0.0085	0.28
Phenanthrene (mg/kg)	0.0419	2
Pyrene (mg/kg)	0.0530	3.5
Zinc (mg/kg)	171	335

31+33-GW3		
Date		07/20/99
Compound	LOC	Conc
Benzene (ug/l)	1	5.6

D-33-7							
Date		06/14/05	08/06/03	12/17/03	06/24/04	12/06/04	12/05/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc
Benzene (ug/l)	1	ND	1.2 JD	3.8 D	1.2 JD	2.8 D	ND
Chloride (ug/l)	250000	NA	477000 D	717000 D	NA	NA	NA
Iron (ug/l)	300	1570	NA	3130	1120	13800	2400
Nitrite (ug/l)	1000	ND	17200 D	ND	NE	ND	ND

FORMER 10,000 GALLON GASOLINE UST
POST EXCAVATION SAMPLES S-1 THROUGH S-12
COLLECTED FOLLOWING 2001 UST REMOVAL.

31+33-GW4		
Date		07/22/99
Compound	LOC	Conc
Benzene (ug/l)	1	80

B-6			
Depth (ft)		5.5 – 6	9.5 – 10
Compound	LOC	Conc	Conc
Manganese (mg/kg)	5900	7520	NE

D-33-10								
Date		08/05/03	12/16/03	06/22/04	12/07/04	12/07/04 (dup)	06/13/05	12/02/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc	Conc
Benzene (ug/l)	1	NE	ND	4.5	ND	ND	3.7	ND
Iron (ug/l)	300	NA	1570	5320	5980	2950	2230	2130

D-SWBS-21		
Date		10/27/93
Compound	LOC	Conc
alpha-BHC, USAEC UH20 (ug/l)	0.0026	0.27 N
alpha-BHC, USAEC UM25 (ug/l)	0.0026	ND

D-33-T-1									
Date		08/06/03	08/06/03 (dup)	12/17/03	06/22/04	12/06/04	06/13/05	06/13/05 (dup)	12/01/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Conc
Benzene (ug/l)	1	ND	ND	ND	4.3	ND	NE	NE	ND
Iron (ug/l)	300	NA	NA	1170	2820	1580	5230	4840	2580

31+33-GW-5		
Date		07/21/99
Compound	LOC	Conc
Benzene (ug/l)	1	2.1

D-33-6								
Date		08/05/03	12/16/03	06/22/04	12/07/04	06/13/05	12/01/05	12/01/05 (dup)
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc	Conc
Benzene (ug/l)	1	ND	ND	ND	ND	ND	1.9	2
Chloride (ug/l)	250000	393000 D	NA	NA	NA	NA	NA	NA
Iron (ug/l)	300	NA	1120	NE	NE	1780	700	648

B-17			
Depth (ft)		6 – 6.5	9 – 9.5
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	NE	7.5
Benzo(a)pyrene (mg/kg)	0.2	NE	6.2
Benzo(b)fluoranthene (mg/kg)	2	NE	9.4
Dibenz(a,h)anthracene (mg/kg)	0.2	ND	0.73
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	ND	2.3

31+33-GW-6		
Date		07/21/99
Compound	LOC	Conc
Benzene (ug/l)	1	2.7

31+33-GW-8		
Date		07/22/99
Compound	LOC	Conc
Benzene (ug/l)	1	8.1

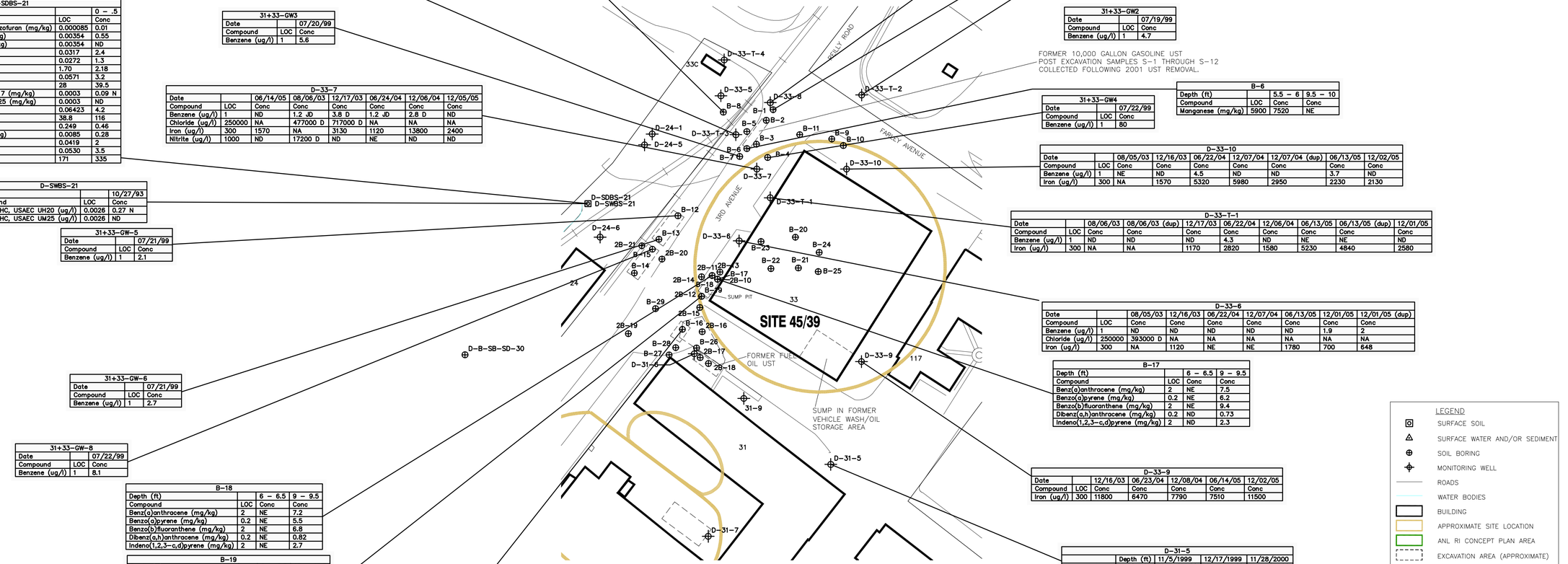
D-33-9						
Date		12/16/03	06/23/04	12/08/04	06/14/05	12/02/05
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Iron (ug/l)	300	11800	6470	7790	7510	11500

B-18			
Depth (ft)		6 – 6.5	9 – 9.5
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	NE	7.2
Benzo(a)pyrene (mg/kg)	0.2	NE	5.5
Benzo(b)fluoranthene (mg/kg)	2	NE	6.8
Dibenz(a,h)anthracene (mg/kg)	0.2	NE	0.82
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	NE	2.7

D-31-5				
	Depth (ft)	11/5/1999	12/17/1999	11/28/2000
Compound	LOC(ug/L)	Conc (ug/L)	Conc (ug/L)	Conc (ug/L)
Trichloroethene	1	1.6	1.6	3.4
Manganese	50	356	144	NE
Iron	300	3980	1060	NE
Aluminum	200	1180	ND	NE

B-19			
Depth (ft)		6 – 6.5	10 – 10.5
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	NE	6.7
Benzo(a)pyrene (mg/kg)	0.2	NE	4.7
Benzo(b)fluoranthene (mg/kg)	2	NE	5.6
Dibenz(a,h)anthracene (mg/kg)	0.2	NE	0.75
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	NE	2.4

31+33-GW9		
Date		07/22/99
Compound	LOC	Conc
Benz(a)anthracene (ug/l)	0.1	1
Benzo(b)fluoranthene (ug/l)	0.2	0.8



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Acad Version : R18.1s (LMS Tech)
User Name : AFOX

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

ARCADIS
1114 Benfield Blvd.
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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

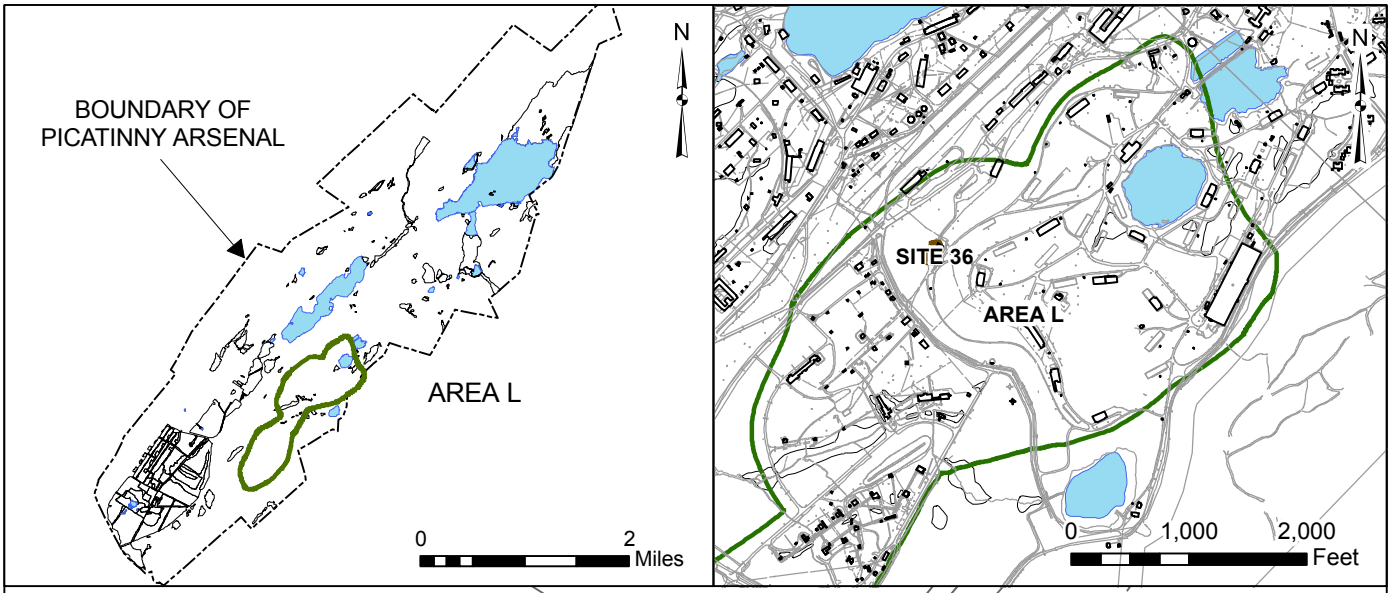
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

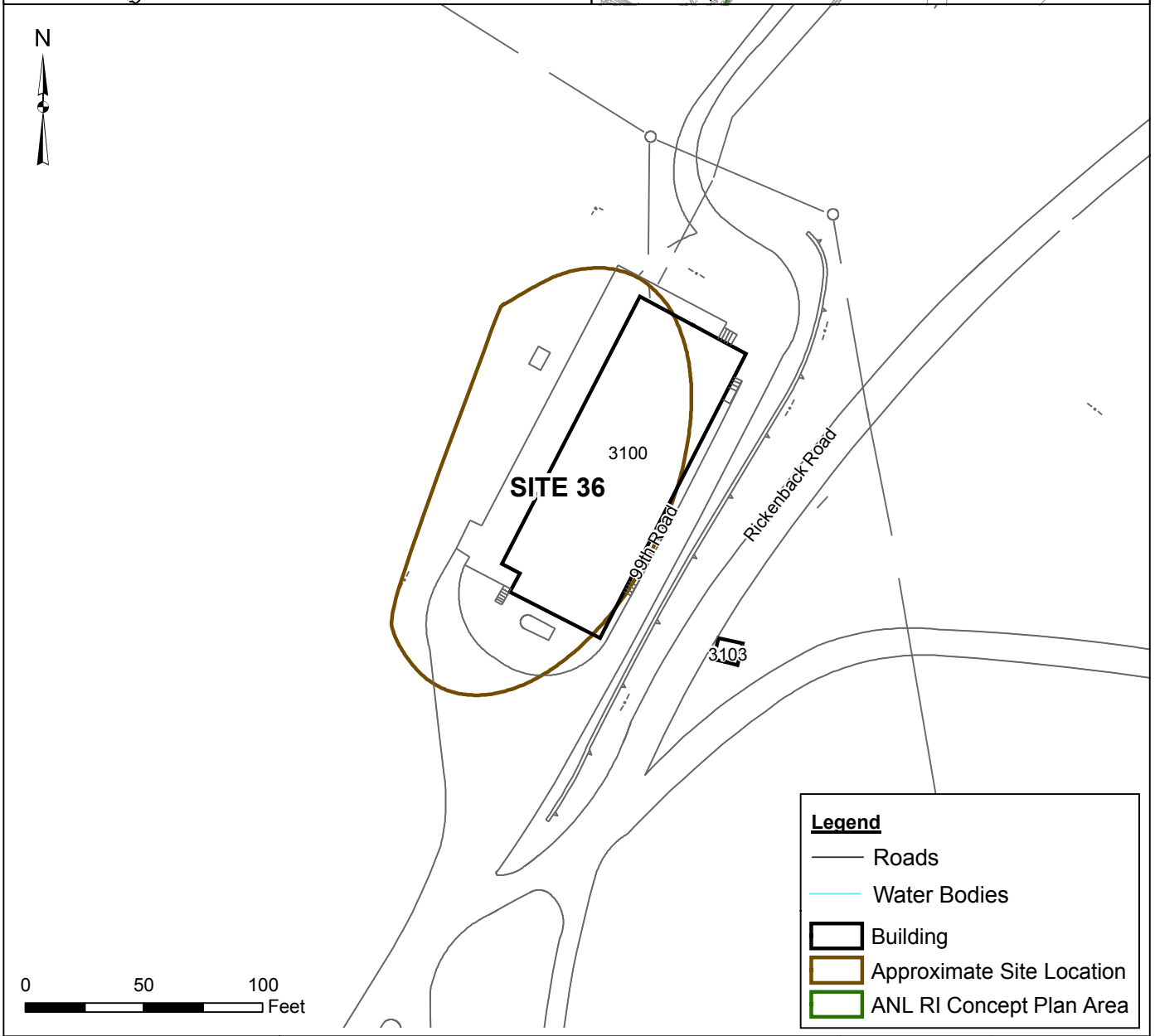
SHEET TITLE

HISTORICAL LOC EXCEEDENCES
DATA AT PICA 071/RI SITE 45/39

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-6





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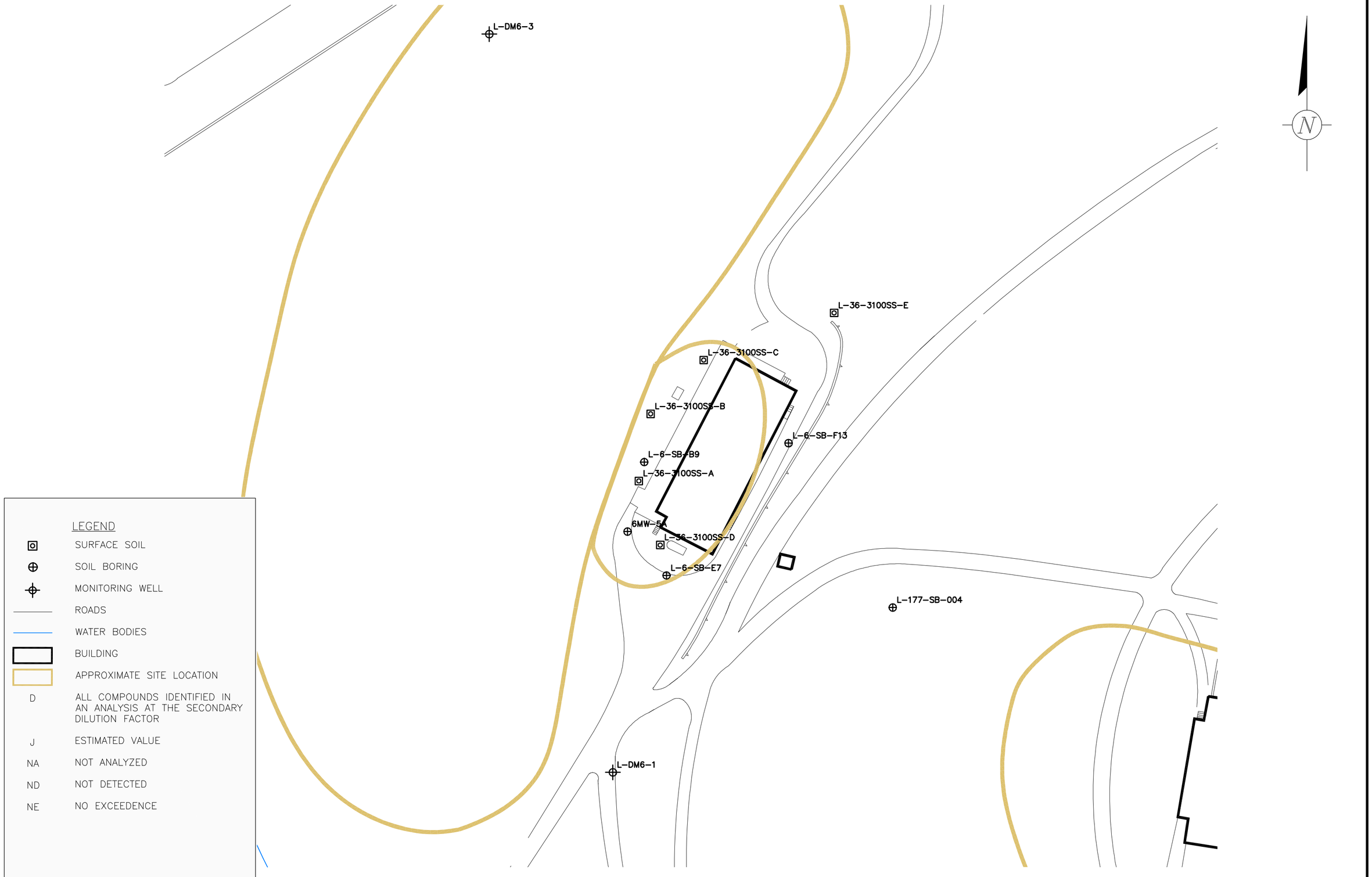
LAYOUT OF PICA 075/RI SITE 36
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-7



LEGEND

⊡	SURFACE SOIL
⊕	SOIL BORING
⊕	MONITORING WELL
	ROADS
	WATER BODIES
	BUILDING
	APPROXIMATE SITE LOCATION
D	ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
J	ESTIMATED VALUE
NA	NOT ANALYZED
ND	NOT DETECTED
NE	NO EXCEEDENCE

Date\Time : Fri, 25 Sep 2009 - 8:39am
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Acad Version : R17.1s (LMS Tech)
User Name : AFOX

0 50
SCALE IN FEET

PLOT SIZE: 17x22

REV.	ISSUED DATE	DESCRIPTION

SEAL

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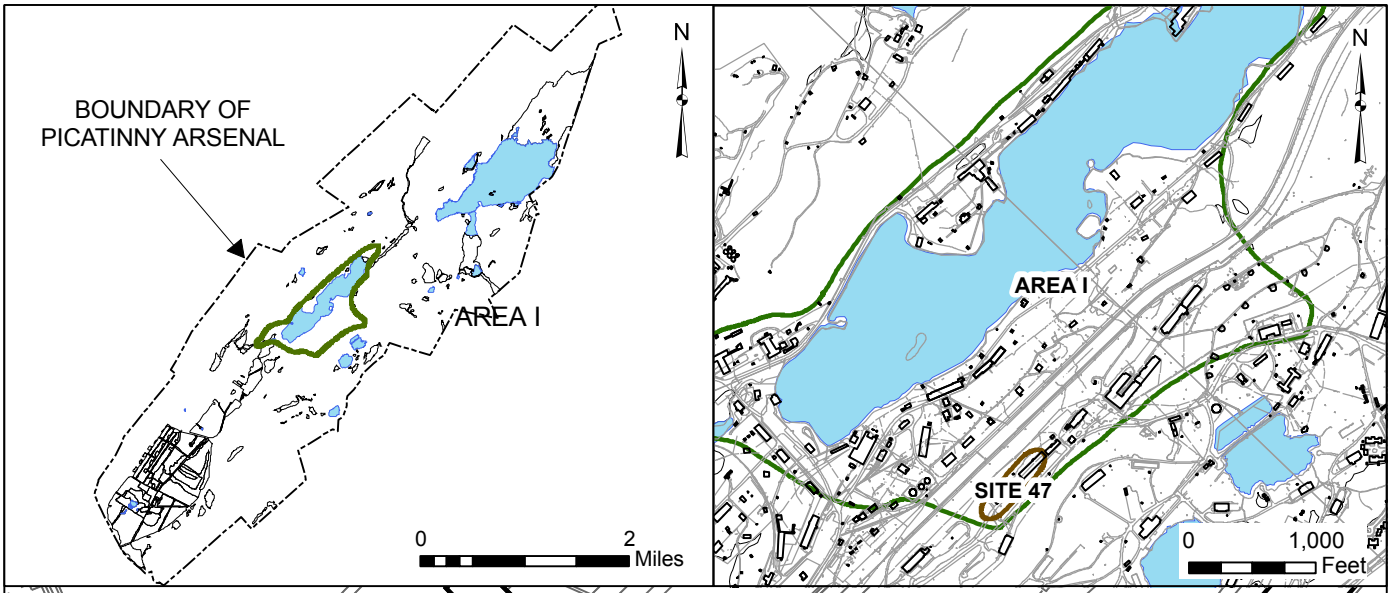
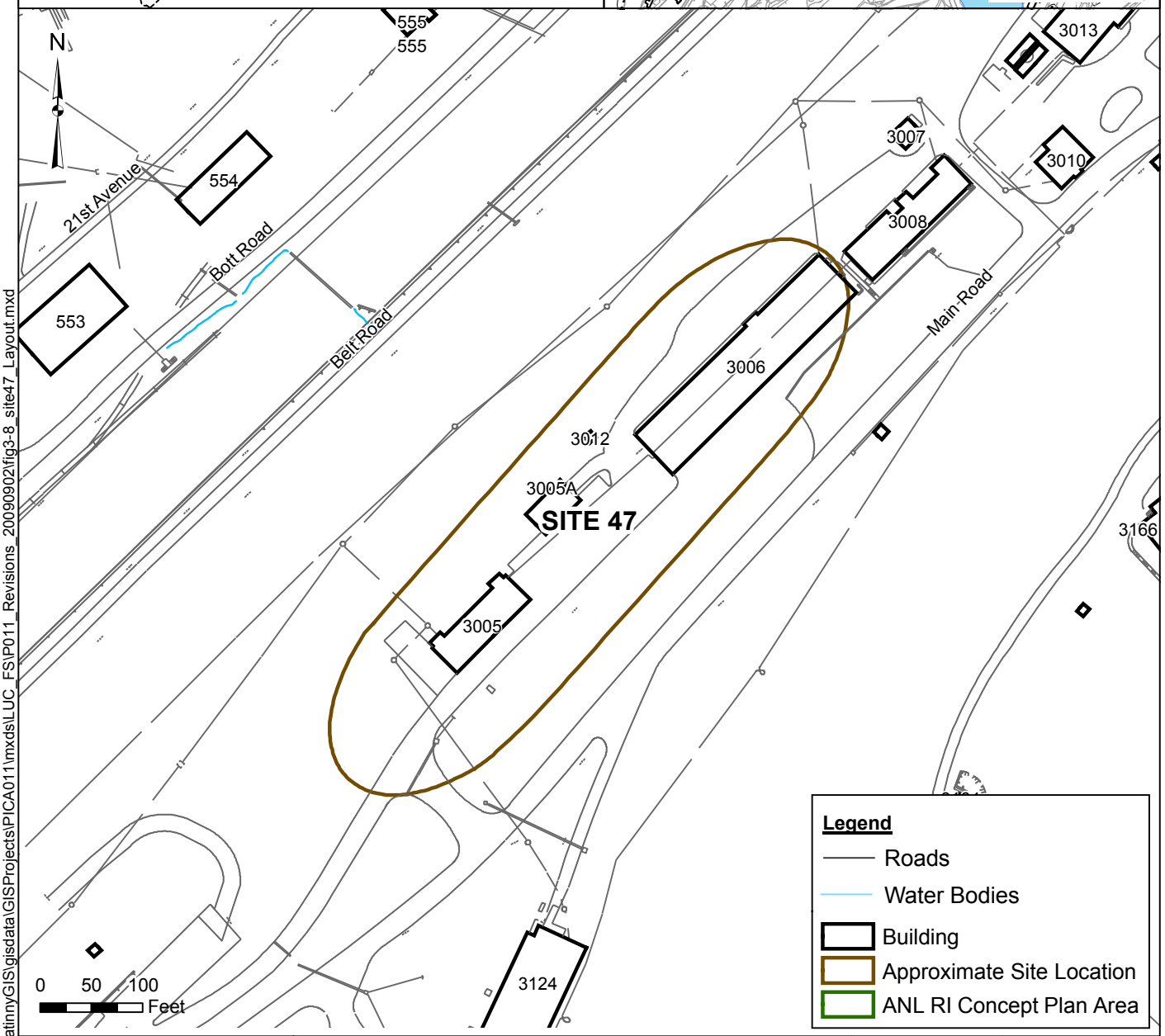
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL SAMPLE LOCATIONS
AT PICA 075/RI SITE 36
BUILDING 3100

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-8





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LAYOUT OF PICA 075/RI SITE 47
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-9

I-47-MW-001			
Depth (ft)		0 – 2	15 – 17
Compound	LOC	Conc	Conc
Manganese (mg/kg)	5900	6100	NE

I-47-MW-001.		
Date		10/23/96
Compound	LOC	Conc
Lead (ug/l)	5	6.19
Methylene chloride (ug/l)	3	4.4
Sodium (ug/l)	50000	61900

I-47-MW-002.		
Date		10/29/96
Compound	LOC	Conc
Aluminum (ug/l)	200	249
Iron (ug/l)	300	36400
Lead (ug/l)	5	16.8
Manganese (ug/l)	50	861

I-47-MW-002				
Depth (ft)		0 – 2	0 – 2 (dup)	5 – 7
Compound	LOC	Conc	Conc	Conc
Manganese (mg/kg)	5900	NE	NE	6800

I-47-SB-001			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	ND	0.8

I-47-SS-011			
Depth (ft)		0 – 1	4 – 5
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.32 J	1.2
Dibenz(a,h)anthracene (mg/kg)	0.2	ND	0.21 J

I-47-SS-006A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.7

I-47-SS-009A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.45

I-47-SS-008A			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	23.9	22.6
Benz(a)anthracene (mg/kg)	2	10	10
Benzo(a)pyrene (mg/kg)	0.2	20	10
Benzo(b)fluoranthene (mg/kg)	2	20	10
Dibenz(a,h)anthracene (mg/kg)	0.2	2	1
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	10	6

BELT ROAD

MAIN ROAD

WASTE OIL PIT

SITE 47

I-47-SS-004C/D
I-47-SS-004A/B
I-47-SS-003C/D
I-47-SS-003A
I-47-SS-002C/D
I-47-SS-005C/D
I-47-SS-005A/B
I-47-SS-002A/B
I-47-SS-006C/D
I-47-SS-006A/B
I-47-MW-001
I-47-SB-002
I-47-SS-001C/D
I-47-SS-001A/B
I-47-MW-002
I-47-SB-001
I-47-SS-009A/B
I-47-SS-009C/D
I-47-SS-008C/D
I-47-SS-009A/E
I-47-SS-008A
I-47-SS-010A/E
I-47-SS-011A/E
I-47-SS-007A/B
I-47-SS-007C/D

3006
3006
3012
3005A
3005

APPROXIMATE LOCATION
OF FORMER #44 UST

LEGEND

- SURFACE SOIL
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

Date/Time : 11, 29 Sep 2009 - 07:00
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Plot Version : 11/13 (MM) rcuy
User Name : AFOX

0 75
SCALE IN FEET

PLOT SIZE: 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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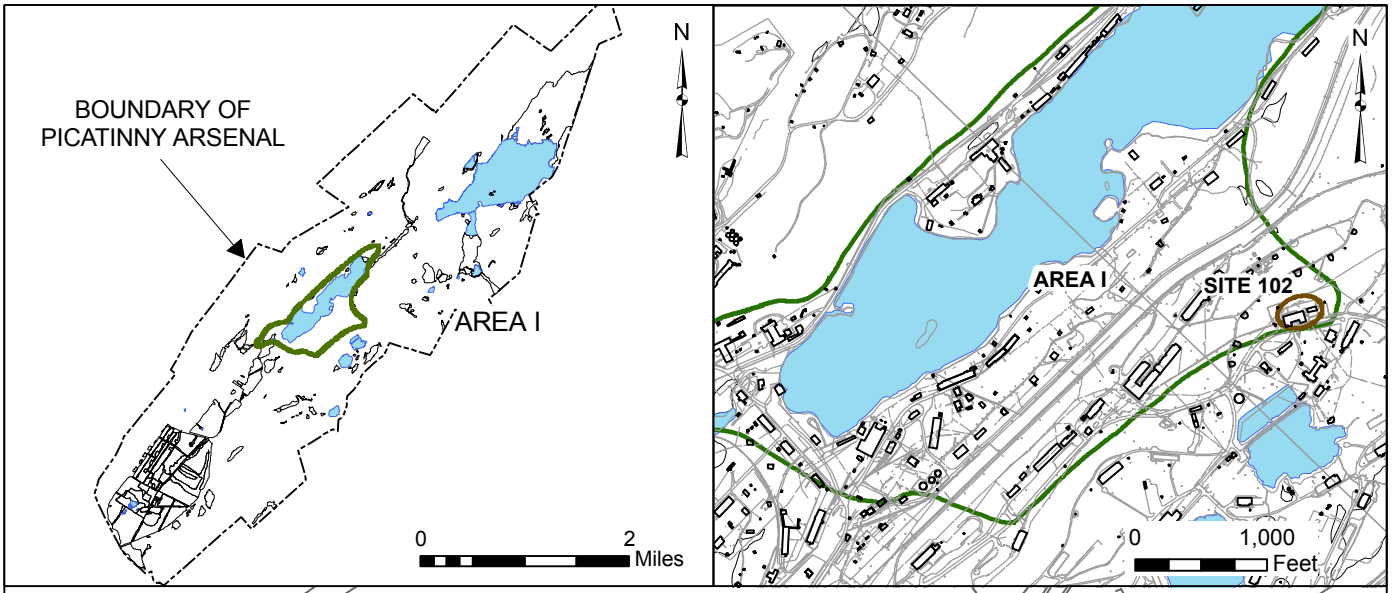
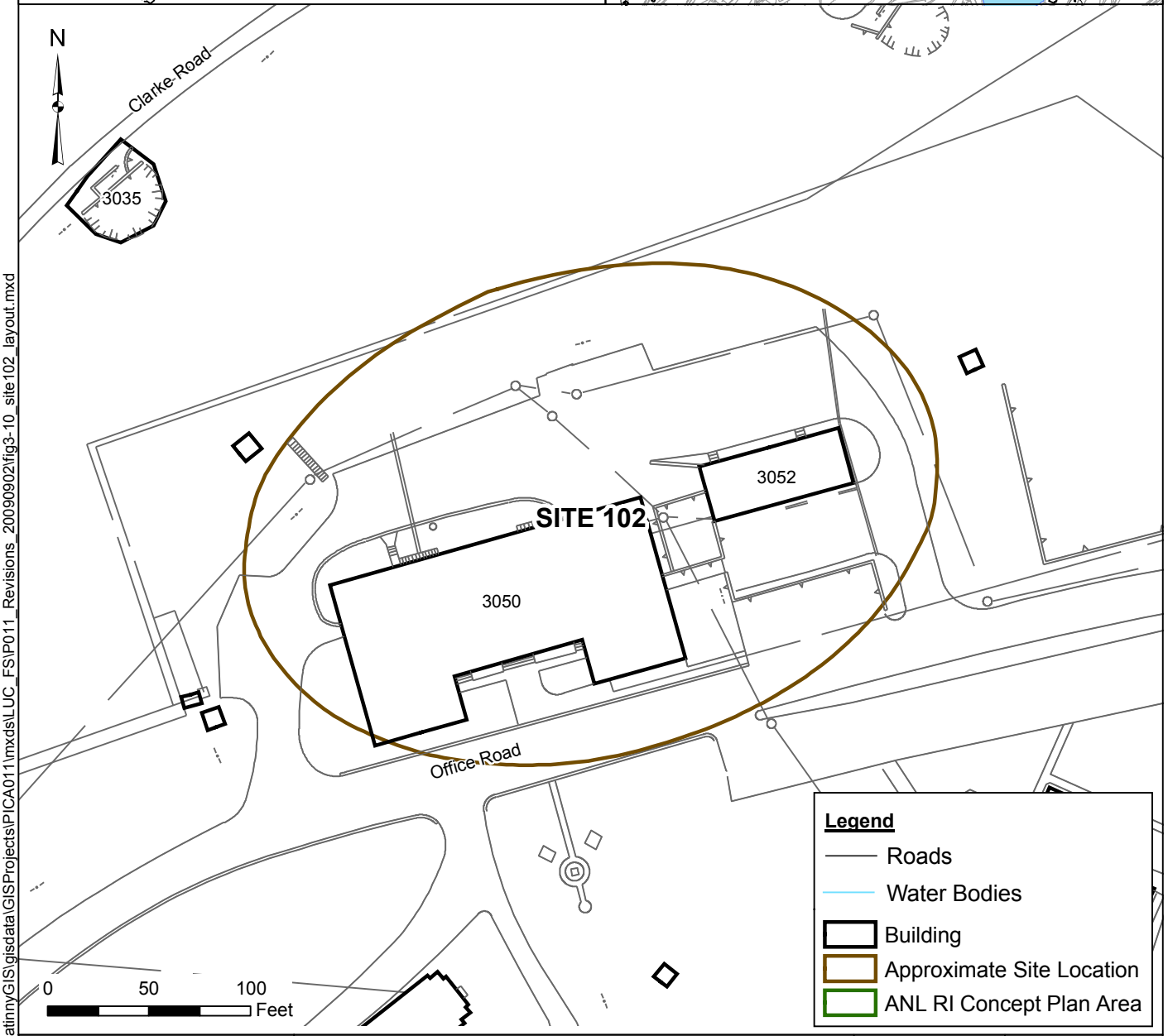
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 075/RI SITE 47 HEAVY EQUIPMENT MAINTANENCE

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-10





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LAYOUT OF PICA 075/RI SITE 102
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-11

I-102-MW-001.					
Date		10/23/96	05/18/01	06/12/02	06/12/02 (dup)
Compound	LOC	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	25500	NA	NA	NA
Chloride (ug/l)	250000	310000	NA	NA	NA
Iron (ug/l)	300	46900	NA	NA	NA
Lead (ug/l)	5	190	NE	ND	ND
Manganese (ug/l)	50	536	NA	NA	NA
Methylene chloride (ug/l)	3	5.3	NA	NA	NA
Sodium (ug/l)	50000	159000	NA	NA	NA

I-102-HP-005		
Date		06/14/01
Compound	LOC	Conc
Lead (ug/l)	5	21

I-102-HP-003		
Date		06/27/01
Compound	LOC	Conc
Aluminum (ug/l)	200	30700
Arsenic (ug/l)	3	7.1
Iron (ug/l)	300	31000
Lead (ug/l)	5	9.8
Manganese (ug/l)	50	2400
Thallium (ug/l)	0.5	1.7

I-102-SS-003A		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'-DDT (mg/kg)	8	18
Benz(a)anthracene (mg/kg)	2	10
Benzo(a)pyrene (mg/kg)	0.2	10
Benzo(b)fluoranthene (mg/kg)	2	10
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	8
Lead (mg/kg)	800	2800

I-102-MW-001			
Depth (ft)		0 – 2	10 – 12
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	25.9	NE
Benz(a)anthracene (mg/kg)	2	5	ND

I-102-HP-002		
Date		06/26/01
Compound	LOC	Conc
Lead (ug/l)	5	13

I-102-SS-015		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.3

I-102-SS-002A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1790

I-102-SS-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	15 D
Benzo(a)pyrene (mg/kg)	0.2	15 D
Benzo(b)fluoranthene (mg/kg)	2	19 D
Dibenz(a,h)anthracene (mg/kg)	0.2	2.2 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	6.1 D

I-102-TP-001			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	NE /23	24.1

I-102-SS-018		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1570 J

I-102-SS-014		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.1
Benzo(a)pyrene (mg/kg)	0.2	2.3
Benzo(b)fluoranthene (mg/kg)	2	2.8
Dibenz(a,h)anthracene (mg/kg)	0.2	0.39

I-102-MW-003			
Date		09/18/01	06/12/02
Compound	LOC	Conc	Conc
Lead (ug/l)	5	27	NE

I-102-SS-004C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	875

I-102-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.7 D
Benzo(b)fluoranthene (mg/kg)	2	2.1 D

I-102-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	2630 JD

I-102-MW-002			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Manganese (mg/kg)	5900	6130	NE

I-102-HP-001		
Date		06/14/01
Compound	LOC	Conc
Lead (ug/l)	5	19

I-102-SS-016		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.3
Dibenz(a,h)anthracene (mg/kg)	0.2	0.24 J

I-102-SS-011		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	19 D
Benzo(a)pyrene (mg/kg)	0.2	20 D
Benzo(b)fluoranthene (mg/kg)	2	26 D
Dibenz(a,h)anthracene (mg/kg)	0.2	3 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	7.7 D

I-102-SS-001C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	30
Benzo(a)pyrene (mg/kg)	0.2	40
Benzo(b)fluoranthene (mg/kg)	2	40
Benzo(k)fluoranthene (mg/kg)	23	40
Dibenz(a,h)anthracene (mg/kg)	0.2	5
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	30

SITE 102

FORMER USTs

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

Date\Time : Fri, 09 Oct 2009 - 12:04pm
Path\Name : G:\ENVCAD\BRIGHTON\ACT\Picatinny\Picatinny 011\Site_102\SITE-102.dwg - Layout Tab : LAYOUT1

Acad Version : R17.1s (LMS Tech)
User Name : dfox

0 80
SCALE IN FEET

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

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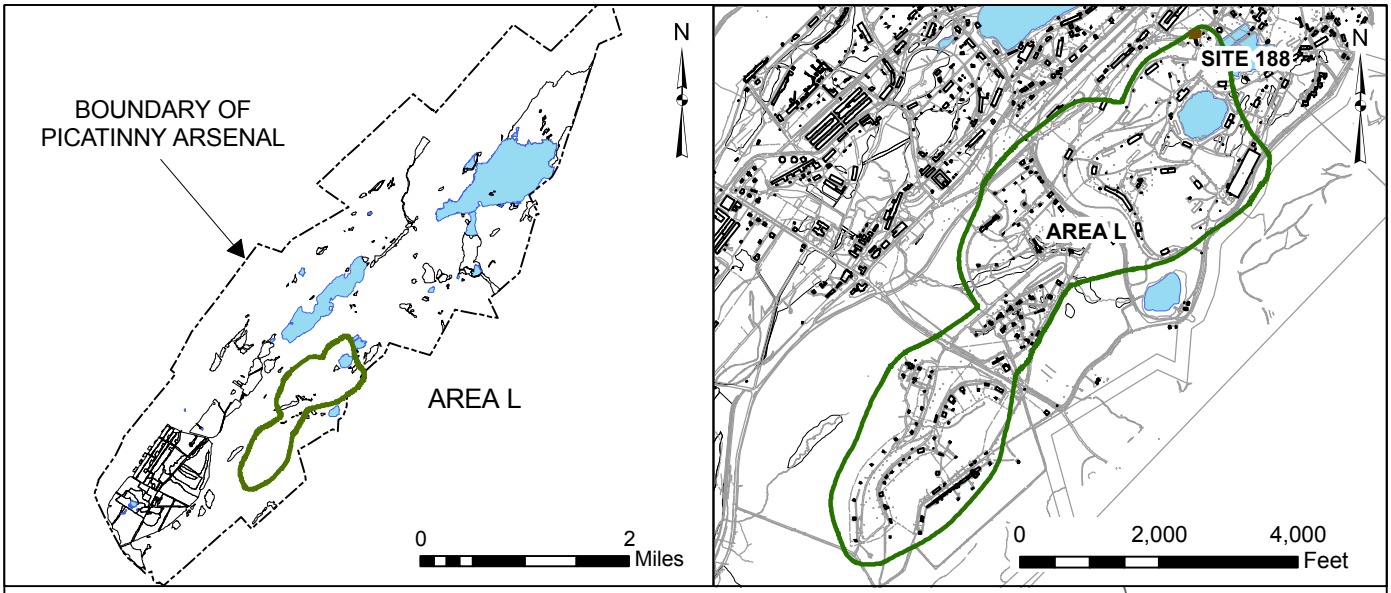
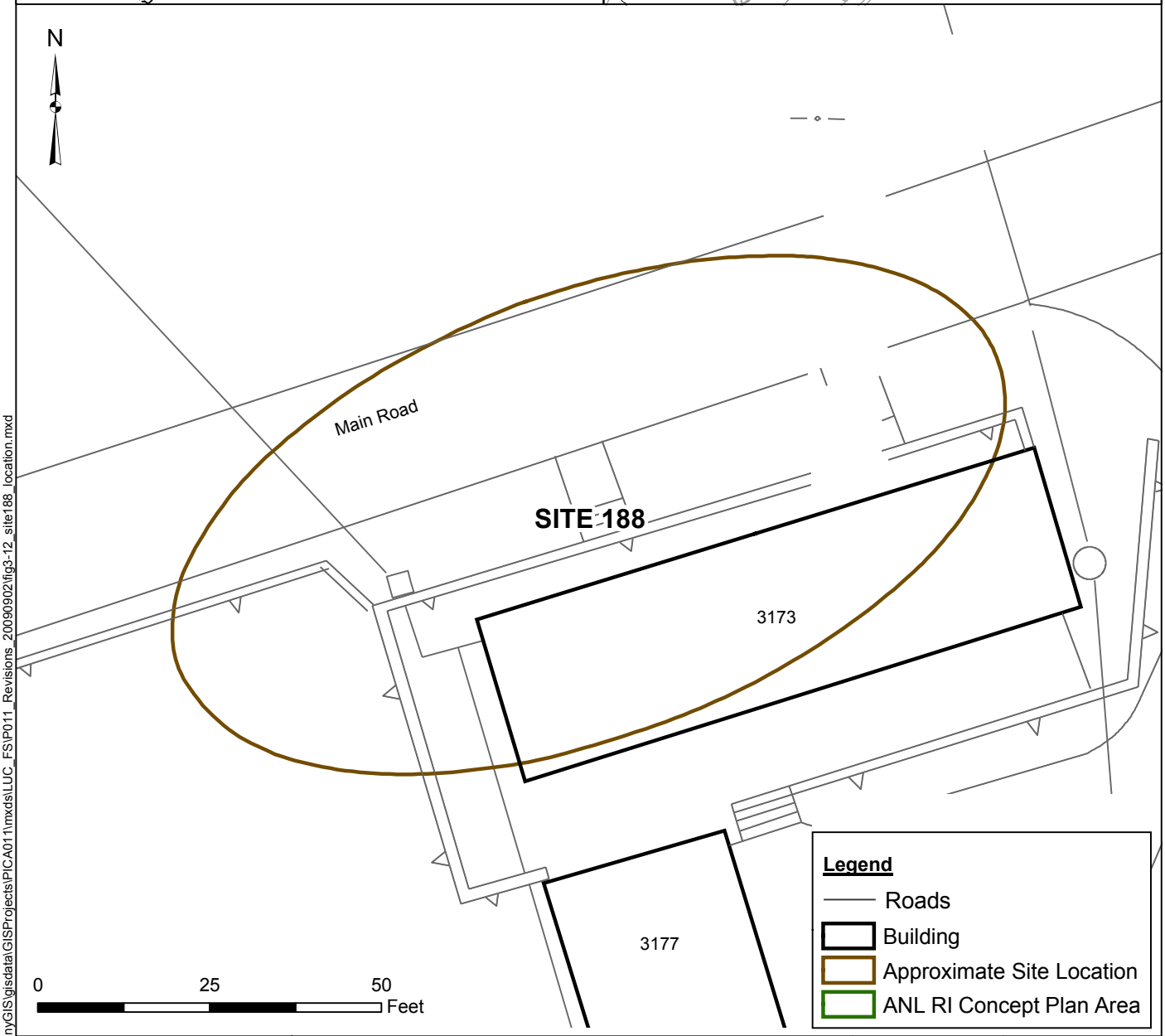
PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
HISTORICAL LOC EXCEEDENCES AT PICA 075/RI SITE 102 BUILDING 3050 FORMER ENLISTED MENS BARRACKS		EA001	A. FOX
		PROJECT NUMBER	DRAWING NUMBER
		GP06PICA.P011	3-12





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LAYOUT OF PICA 075/RI SITE 188
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M.GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-13

L-188-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	0.0317	0.64 J
Benzo(a)pyrene (mg/kg)	0.0319	0.74
Benzo(b)fluoranthene (mg/kg)	0.0272	0.98
Benzo(g,h,i)perylene (mg/kg)	0.29	0.39 J
Benzo(k)fluoranthene (mg/kg)	0.0272	0.38 J
Cadmium (mg/kg)	1.7	3.9 J
Chrysene (mg/kg)	0.0571	0.82
Copper (mg/kg)	28	60.9 J
Fluoranthene (mg/kg)	0.06423	1.8
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	0.37 J
Lead (mg/kg)	38.8	134 J
Manganese (mg/kg)	1673	13100 JD
Mercury (mg/kg)	0.249	0.31 J
Phenanthrene (mg/kg)	0.0419	0.96
Pyrene (mg/kg)	0.053	1.4
Zinc (mg/kg)	171	2480 JD

L-188-MW-001			
Depth (ft)		0 – 2	4 – 6
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	17 D	NE
Benzo(a)pyrene (mg/kg)	0.2	15 D	ND
Benzo(b)fluoranthene (mg/kg)	2	17 D	ND
Dibenz(a,h)anthracene (mg/kg)	0.2	2 JD	ND
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	7.7 D	ND

L-188-MW-001.			
Date		01/03/01	01/03/01 (dup)
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	22000	NA
Arsenic (ug/l)	3	5.1	NA
Gross Alpha (pCi/L)	15	NE	16.4
Iron (ug/l)	300	47200	NA
Manganese (ug/l)	50	8400	NA
Thallium (ug/l)	0.5	1.7 JWb	NA

L-188-SW-002		
Date		04/27/01
Compound	LOC	Conc
Aluminum (ug/l)	190	850 J
Iron (ug/l)	1790	3300 J
Lead (ug/l)	3.2	6.5 J
Manganese (ug/l)	383	1500 J
Sodium (ug/l)	42300	42600 J
Zinc (ug/l)	122	210 J

L-188-SS-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	40.3
Benz(a)anthracene (mg/kg)	2	3.5 D
Benzo(a)pyrene (mg/kg)	0.2	4 D
Benzo(b)fluoranthene (mg/kg)	2	3.8 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.71 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	2.1 D

L-188-SS-015		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.46 J

L-188-SS-004		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	98.4
Benz(a)anthracene (mg/kg)	2	4.3 JD
Benzo(a)pyrene (mg/kg)	0.2	5.1 D
Benzo(b)fluoranthene (mg/kg)	2	6.6 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.81 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	2.6 D

L-188-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	42.8
Benz(a)anthracene (mg/kg)	2	2.6 D
Benzo(a)pyrene (mg/kg)	0.2	3 D
Benzo(b)fluoranthene (mg/kg)	2	3.5 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.48 JD
Lead (mg/kg)	800	1020 J

L-188-SS-007		
Depth (ft)		1 – 2
Compound	LOC	Conc
Arsenic (mg/kg)	19	62.5
Benz(a)anthracene (mg/kg)	2	8.4 JD
Benzo(a)pyrene (mg/kg)	0.2	8.9 D
Benzo(b)fluoranthene (mg/kg)	2	11 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.2 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	4.1 D

L-188-SS-010A			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	28.7	66.7
Benzo(a)pyrene (mg/kg)	0.2	1.1	1.3

L-188-SW-001		
Date		10/23/00
Compound	LOC	Conc
Aluminum (ug/l)	190	1900
Cadmium (ug/l)	0.28	1 J
Copper (ug/l)	9.4	11
Iron (ug/l)	1790	7200
Lead (ug/l)	3.2	24
Manganese (ug/l)	383	2400

L-188-SS-003		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	64.4
Benz(a)anthracene (mg/kg)	2	5.3 JD
Benzo(a)pyrene (mg/kg)	0.2	6.3 D
Benzo(b)fluoranthene (mg/kg)	2	7.5 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.96 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	3.8 D

L-188-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	0.0317	0.18 J
Benzo(a)pyrene (mg/kg)	0.0319	0.18 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.22 J
Benzo(k)fluoranthene (mg/kg)	0.0272	0.08 J
Chrysene (mg/kg)	0.0571	0.2 J
Fluoranthene (mg/kg)	0.06423	0.4 J
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	0.09 J
Phenanthrene (mg/kg)	0.0419	0.22 J
Pyrene (mg/kg)	0.053	0.37 J

L-3173-SS-C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	33.9
Benz(a)anthracene (mg/kg)	2	7.6 JD
Benzo(a)pyrene (mg/kg)	0.2	8.7 D
Benzo(b)fluoranthene (mg/kg)	2	12 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.3 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	4.5 D

L-3173-SS-B		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	22.6
Benzo(a)pyrene (mg/kg)	0.2	0.7

L-188-SS-006		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	42.5
Benz(a)anthracene (mg/kg)	2	4.9 JD
Benzo(a)pyrene (mg/kg)	0.2	5.6 D
Benzo(b)fluoranthene (mg/kg)	2	7.1 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.83 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	2.9 D

L-188-SS-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	25.5

L-188-SS-005		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	46.2
Benz(a)anthracene (mg/kg)	2	4.4 JD
Benzo(a)pyrene (mg/kg)	0.2	5.4 D
Benzo(b)fluoranthene (mg/kg)	2	7.3 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.76 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	2.7 D

L-188-SS-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.1
Benzo(b)fluoranthene (mg/kg)	2	2.9

SITE 188

L-188-3173SS-D
L-188-SD-002
L-188-SW-002
L-188-SS-014
L-188-SS-015
L-188-SS-013
L-188-SS-010A
L-188-SS-012
L-188-MW-001
L-188-SB-001
L-188-SS-4
L-188-SD-001
L-188-SW-001
L-188-3173SS-C
L-188-SS-7
L-188-SS-3
L-188-SS-6
L-188-SS-5
L-188-SS-011
L-188-3173SS-B
L-188-SS-1
L-188-SS-2
L-188-3173SS-A
L-188-SS-9
L-188-SS-8

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

Date\Time : Fri, 09 Oct 2009 - 12:18pm
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Acad Version : R1/.1s (LMS Tech)
User Name : dfox

0 50
SCALE IN FEET

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

ARCADIS
1114 Benfield Blvd.
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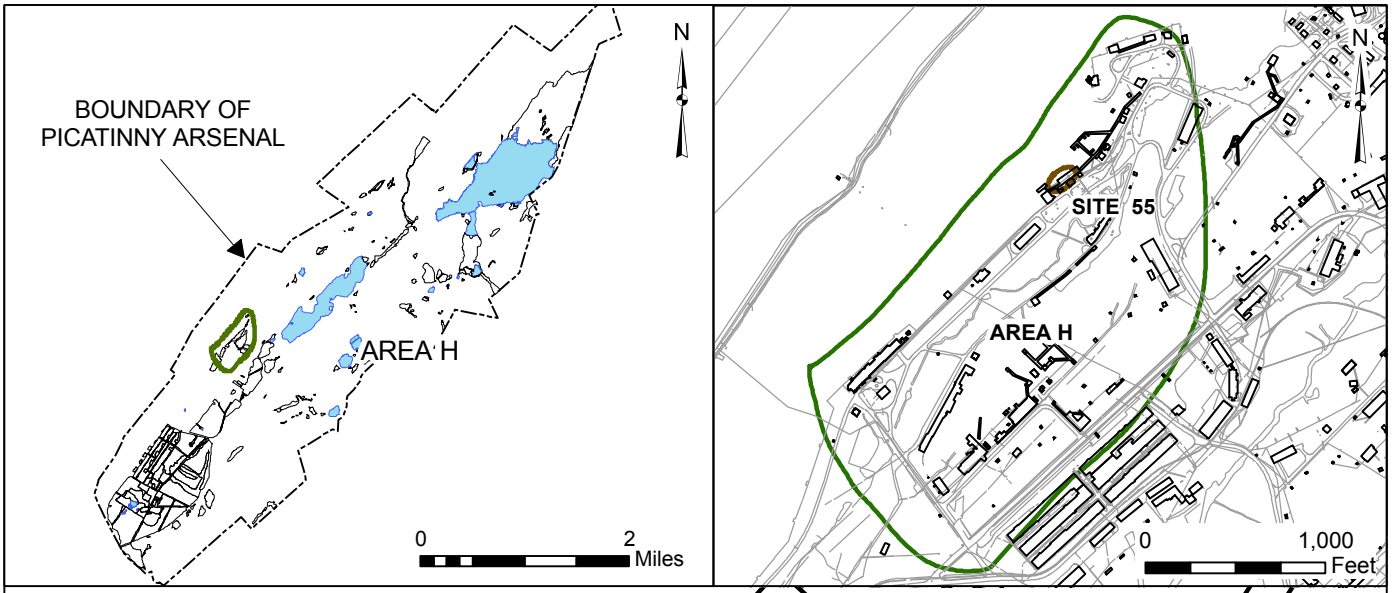
PROJECT TITLE

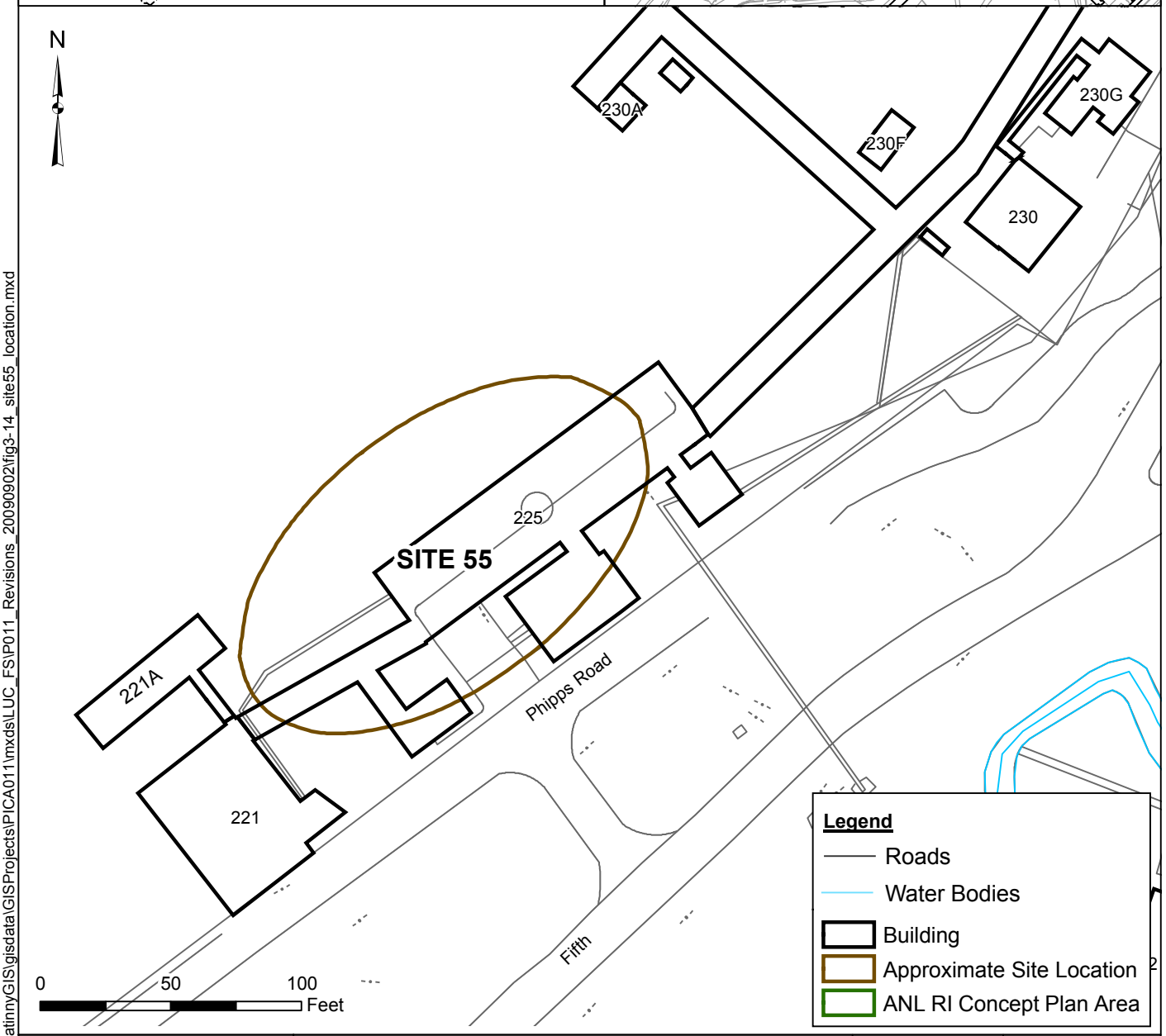
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT
PICA 075/RI SITE 188
FORMER COAL STORAGE AREA

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-14





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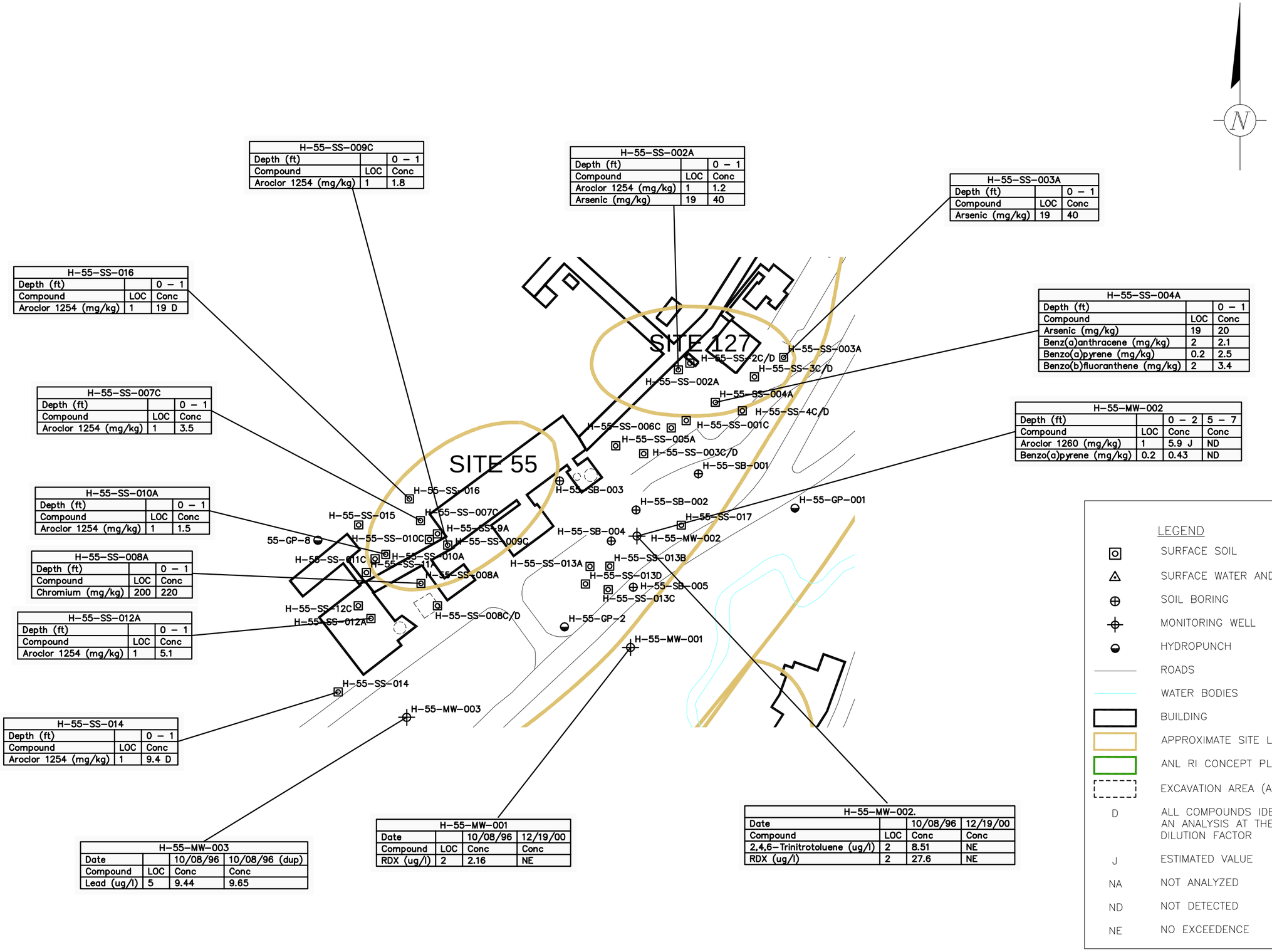
LAYOUT OF PICA 091/RI SITE 55
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-15



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0 60
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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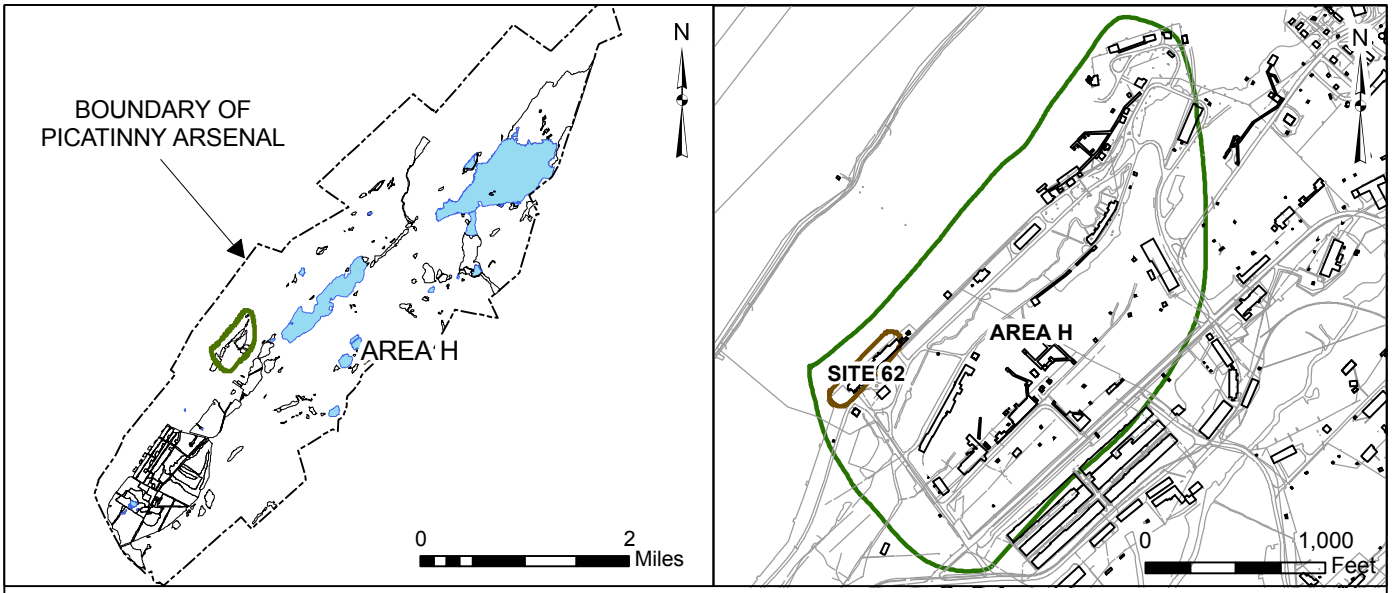
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

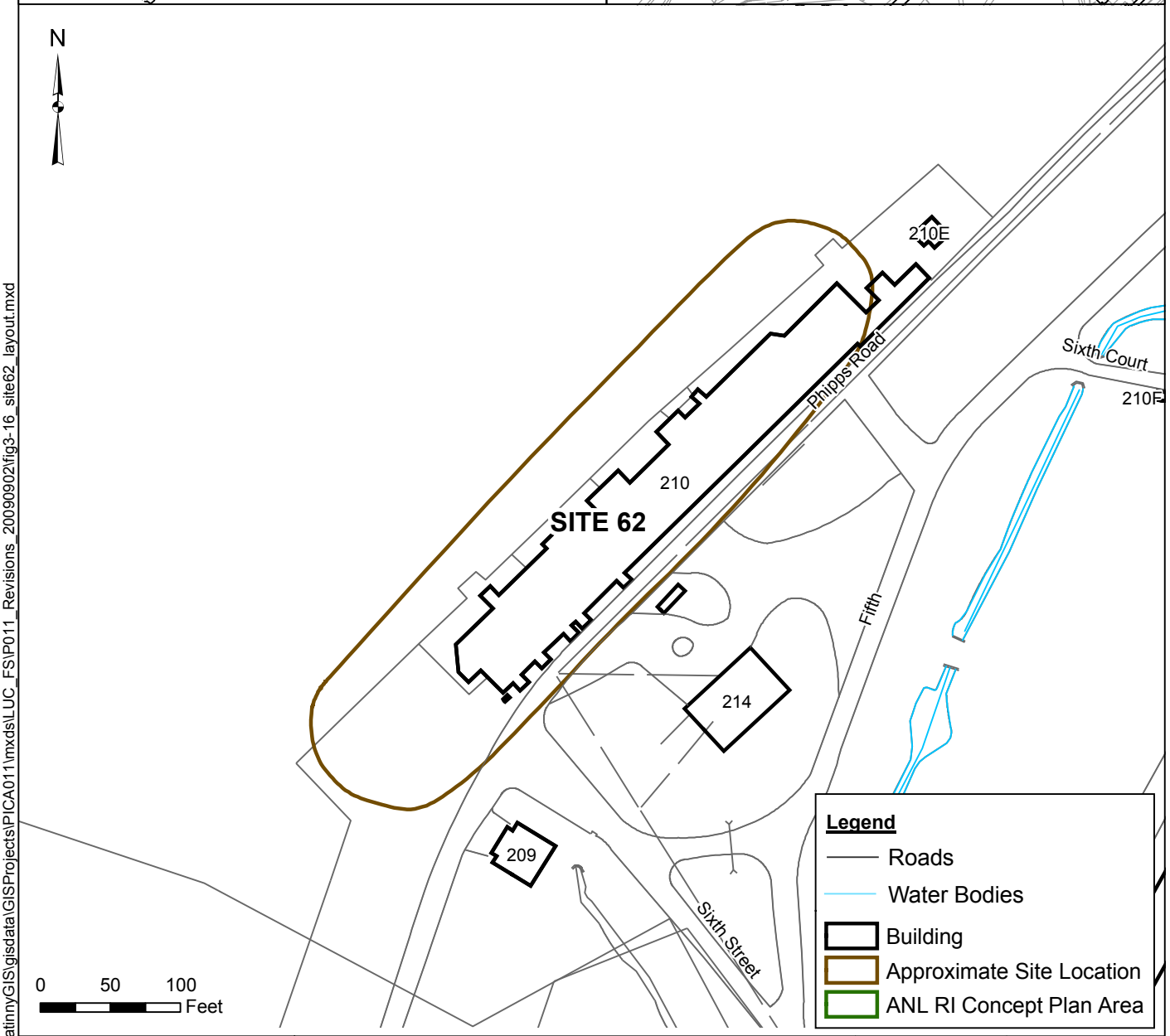
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 55 BUILDINGS IN 200-AREA

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-16





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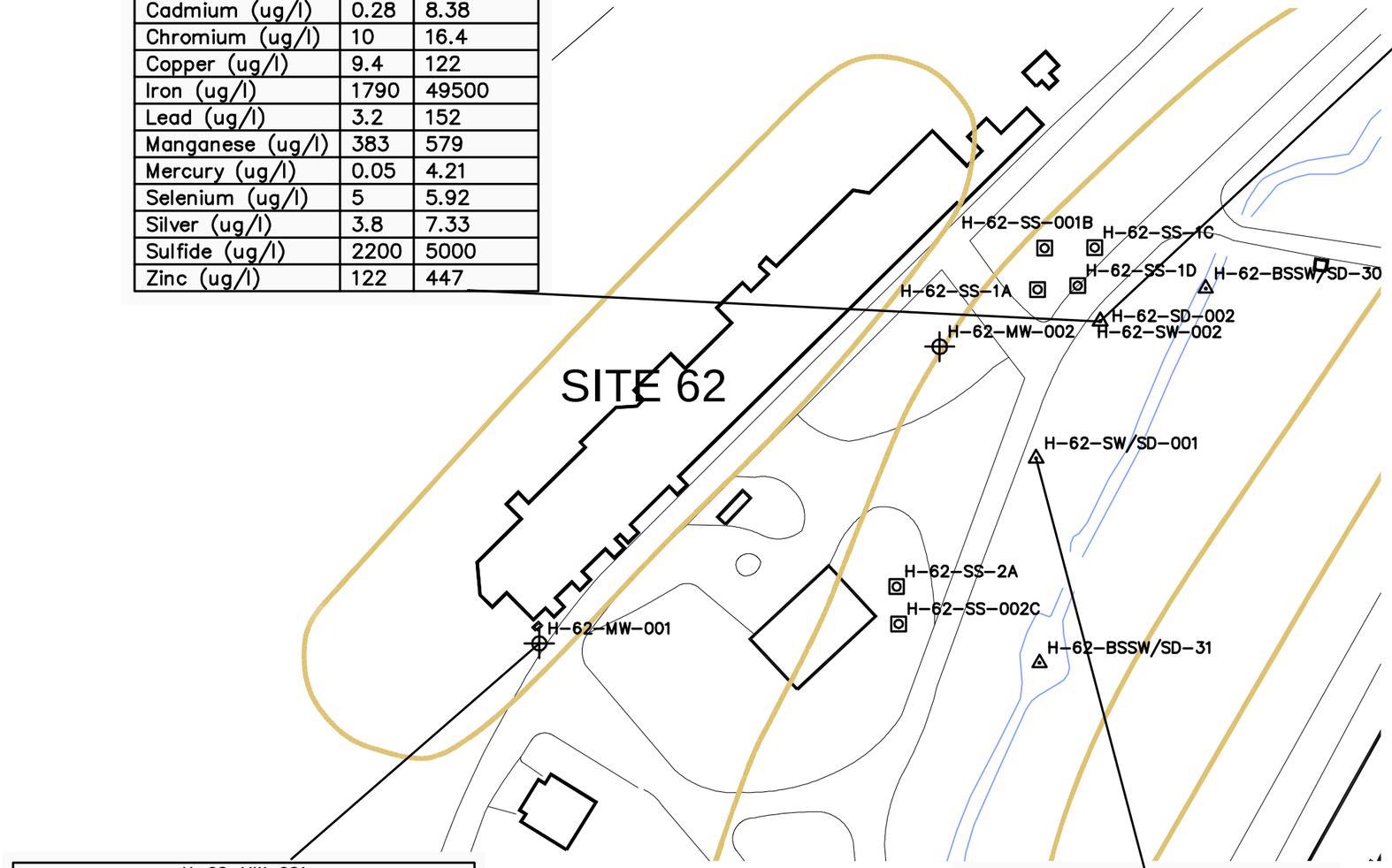
LAYOUT OF PICA 091/RI SITE 62
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-17

H-62-SW-002		
Date		06/18/96
Compound	LOC	Conc
Aluminum (ug/l)	190	8630
Arsenic (ug/l)	1.38	18.8
Cadmium (ug/l)	0.28	8.38
Chromium (ug/l)	10	16.4
Copper (ug/l)	9.4	122
Iron (ug/l)	1790	49500
Lead (ug/l)	3.2	152
Manganese (ug/l)	383	579
Mercury (ug/l)	0.05	4.21
Selenium (ug/l)	5	5.92
Silver (ug/l)	3.8	7.33
Sulfide (ug/l)	2200	5000
Zinc (ug/l)	122	447

H-62-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Mercury (mg/kg)	0.249	1.33
Strontium (mg/kg)	16	17 J



H-62-MW-001			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	2	ND
Benzo(b)fluoranthene (mg/kg)	2	3	ND

H-62-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	44.3
Mercury (mg/kg)	0.249	0.9

LEGEND

- SURFACE SOIL
- SURFACE WATER AND OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 80
SCALE IN FEET

PLOT SIZE: 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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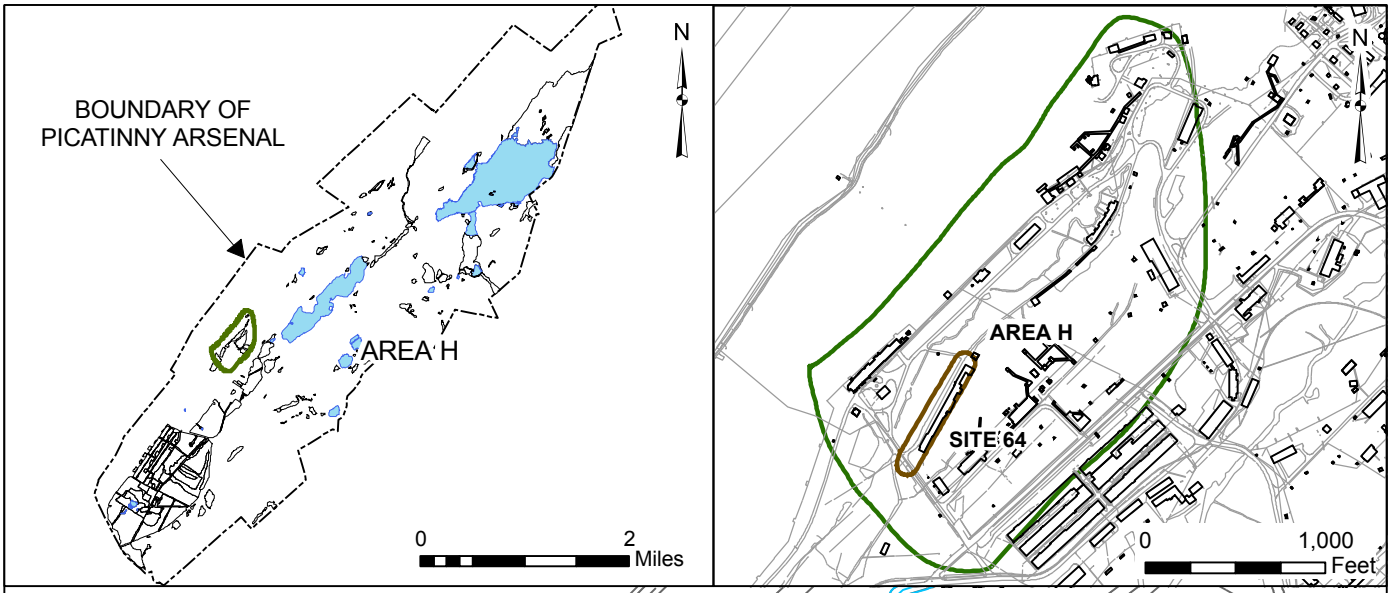
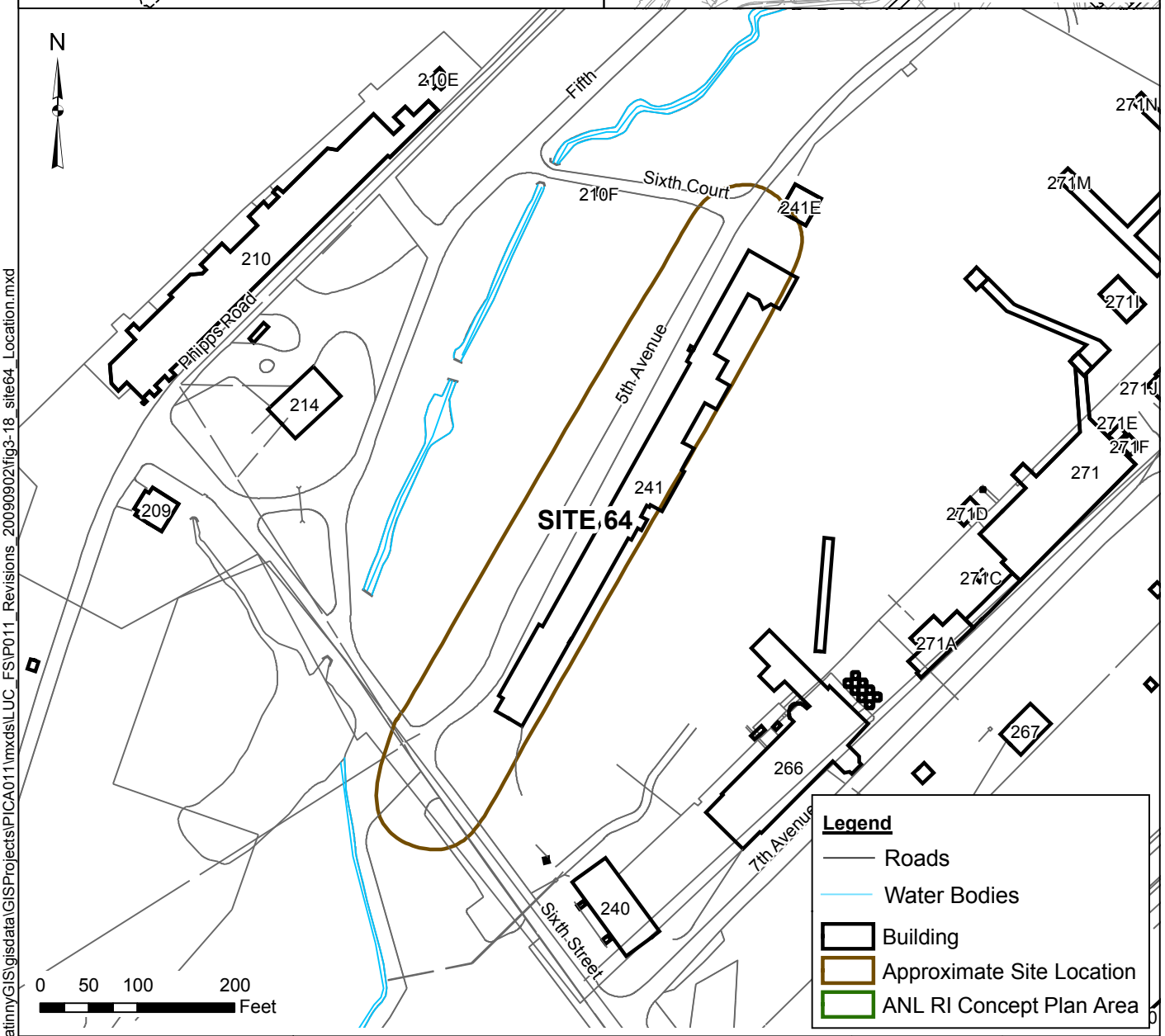
PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 62 FORMER HAZARDOUS WASTE STORAGE FUSE		EA001	A. FOX
		PROJECT NUMBER	DRAWING NUMBER
		GP06PICA.P011	3-18





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LAYOUT OF PICA 091/RI SITE 64
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-19

H-64-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	71.2
Lead (mg/kg)	38.8	85.4
Mercury (mg/kg)	0.249	1.82
Phenanthrene (mg/kg)	0.0419	0.17
Pyrene (mg/kg)	0.0530	0.26
Strontium (mg/kg)	16	94.5 J

H-64-SW-001		
Date		06/13/96
Compound	LOC	Conc
Aluminum (ug/l)	190	2710
Arsenic (ug/l)	1.38	5.87
Copper (ug/l)	9.4	26.5
Iron (ug/l)	1790	15700
Lead (ug/l)	3.2	40.6
Mercury (ug/l)	0.05	0.66
Zinc (ug/l)	122	177

H-64-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	33.2
Lead (mg/kg)	38.8	50.6
Mercury (mg/kg)	0.249	11
Phenanthrene (mg/kg)	0.0419	0.08
Pyrene (mg/kg)	0.0530	0.13
Strontium (mg/kg)	16	16.8 J

H-64-HP-001		
Date		11/17/00
Compound	LOC	Conc
Trichloroethene (ug/l)	1	6.9

H-64-SW-002		
Date		06/13/96
Compound	LOC	Conc
Aluminum (ug/l)	190	10400
Arsenic (ug/l)	1.38	20.3
bis(2-Ethylhexyl)phthalate (ug/l)	1.2	9.1
Cadmium (ug/l)	0.28	5.15
Chromium (ug/l)	10	10.7
Cobalt (ug/l)	11	58
Copper (ug/l)	9.4	86.3
Iron (ug/l)	1790	39800
Lead (ug/l)	3.2	127
Manganese (ug/l)	383	2440
Mercury (ug/l)	0.05	4.62
Zinc (ug/l)	122	391

H-64-SS-006C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	23.2

H-64-SD-003		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	38.4
Fluoranthene (mg/kg)	0.06423	0.34
Lead (mg/kg)	38.8	95
Mercury (mg/kg)	0.249	5.1
Phenanthrene (mg/kg)	0.0419	0.19
Pyrene (mg/kg)	0.0530	0.35
Strontium (mg/kg)	16	58.7 J
Zinc (mg/kg)	171	342

H-64-MW-002							
Date		10/01/96	12/19/00	11/12/03	02/13/02	02/13/02 (dup)	09/30/08
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	6300	NA	NA	NA	NA	NA
Iron (ug/l)	300	2750	NA	340	NA	NA	NA
Trichloroethene (ug/l)	1	10	9.3	7.1	9	9.3	6.14

H-64-SW-003		
Date		06/18/96
Compound	LOC	Conc
Aluminum (ug/l)	190	763
Arsenic (ug/l)	1.38	1.99
bis(2-Ethylhexyl)phthalate (ug/l)	1.2	1000
Copper (ug/l)	9.4	24
Iron (ug/l)	1790	6220
Lead (ug/l)	3.2	21.3
Mercury (ug/l)	0.05	2.37
Zinc (ug/l)	122	229

H-64-SS-003C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	23.5
Benz(a)anthracene (mg/kg)	2	4
Benzo(a)pyrene (mg/kg)	0.2	5
Benzo(b)fluoranthene (mg/kg)	2	6
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	3

H-64-MW-001					
Date		10/02/96	12/19/00	11/20/03	09/30/08
Compound	LOC	Conc	Conc	Conc	Conc
Manganese (ug/l)	50	72.5	NA	NA	NA
Trichloroethene (ug/l)	1	3.9	1.7	7.4	NE

H-64-SS-004A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	23.3

H-64-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.35 J

H-64-BSSW/SD-30
H-64-SD-001
H-64-SW-001
H-64-HP-001
H-64-SS-006C/D
H-64-SS-006A/B
H-64-SS-005C/D
H-64-SS-005A/B
H-64-SS-002C/D
H-64-SD-002
H-64-SW-002
H-64-SS-1A
H-64-SS-1D
H-64-SS-1C
H-64-SS-1B
H-64-SB-B10
H-64-SB-D10
H-64-SS-002A/B
H-64-MW-002
H-64-BSSW/SD-31
SITE 64
H-64-SB-A2
H-64-SB-001
H-64-BSSW/SD-32
H-64-SD-003
H-64-SW-003
H-64-SS-004A/B
H-64-SS-003A/B
H-64-SB-002
H-64-SS-003C/D
H-64-SS-4C/D
H-64-MW-001
H-64-SS-007
H-64-HP-002
H-129-MW-001

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

ARCADIS
1114 Benfield Blvd.
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www.arcadis-us.com

PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 64 LOADING/DISASSEMBLY PLANT

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-20

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 - 9:17am
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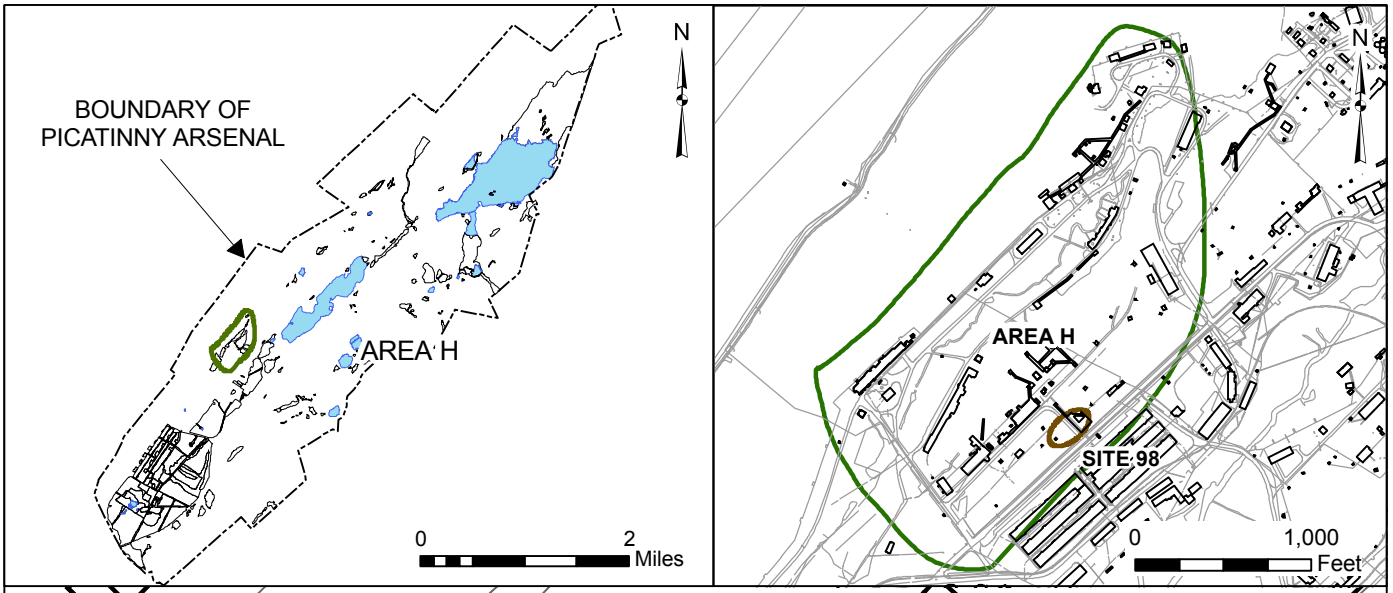

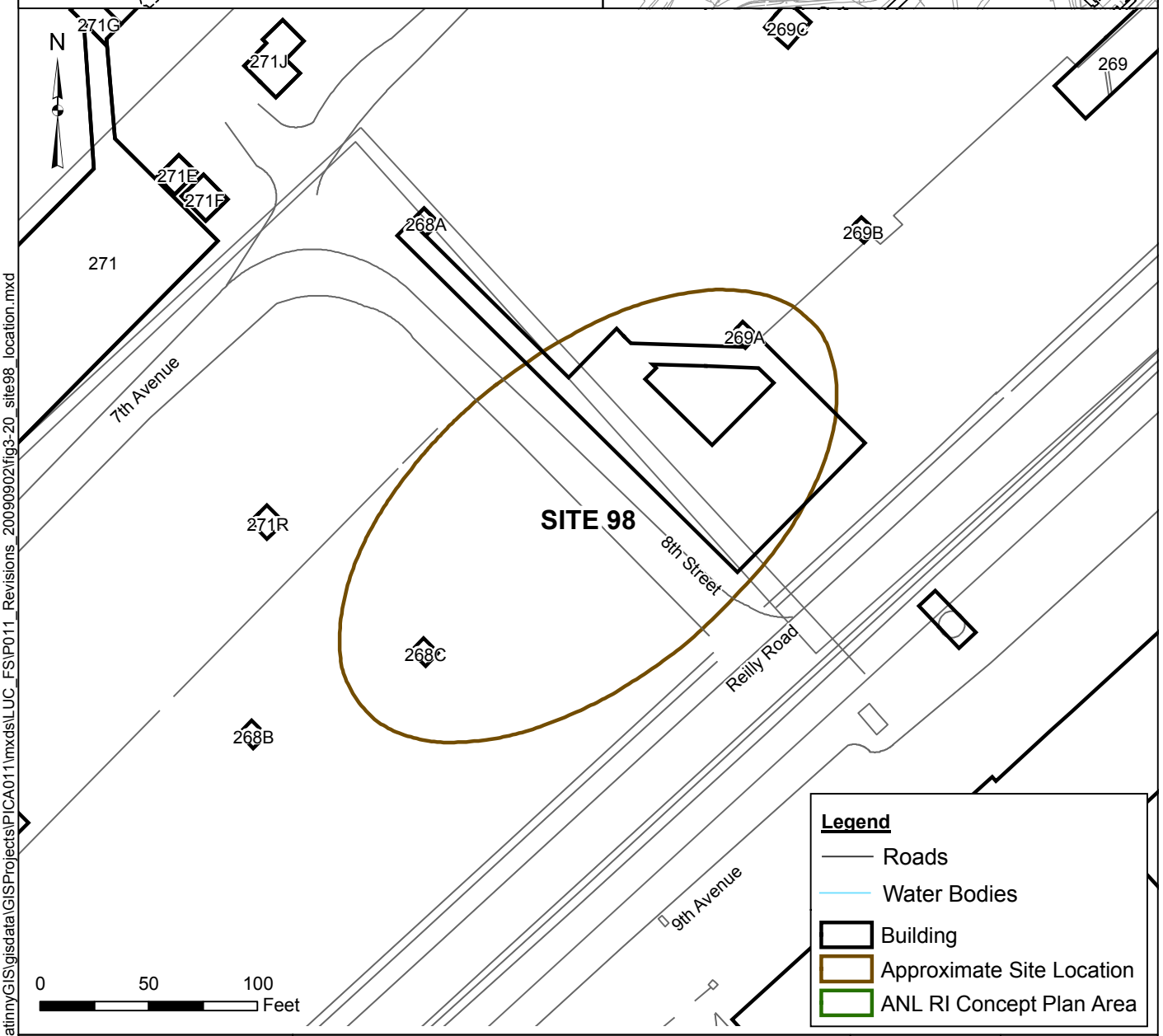

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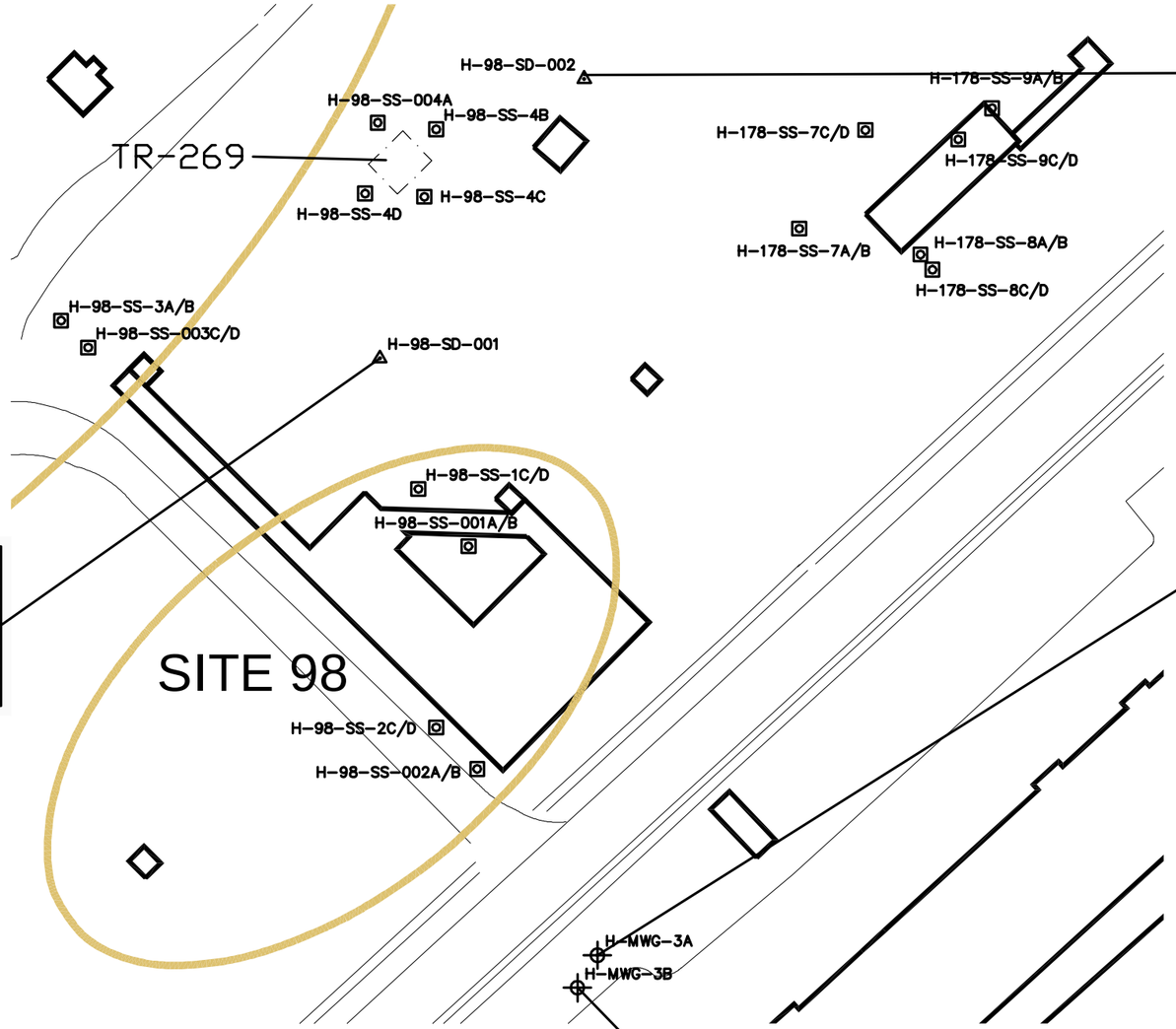
LAYOUT OF PICA 091/RI SITE 98
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-21



H-98-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	40.4
Lead (mg/kg)	38.8	241
Strontium (mg/kg)	16	66 J

H-98-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Fluoranthene (mg/kg)	0.06423	0.15
Lead (mg/kg)	38.8	57.7
Mercury (mg/kg)	0.249	0.47
Phenanthrene (mg/kg)	0.0419	0.06
Pyrene (mg/kg)	0.0530	0.14

H-MWG-3A					
Date		05/02/94	07/31/94	10/31/1996	8/2/1999
Compound	LOC	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	13300	10300	NE	2000 J
Aluminum, Dissolved (ug/l)	200	ND	NA	NA	NA
Arsenic (ug/l)	3	4.36	3.04	ND	ND
Arsenic, Dissolved (ug/l)	3	ND	NA	NA	NA
Iron (ug/l)	300	35700	28100	332	3300 J
Iron, Dissolved (ug/l)	300	ND	NA	NA	NA
Lead (ug/l)	5	16.5	15.4	NE	ND
Lead, Dissolved (ug/l)	5	ND	NA	NA	NA
Manganese (ug/l)	50	1130	888	NE	91
Manganese, Dissolved (ug/l)	50	159	NA	NA	NA

H-MWG-3B						
Date		05/03/94	07/31/94	10/30/1996	8/2/1999	08/02/99 (dup)
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	9090	1250	1020	850 J	670 J
Aluminum, Dissolved (ug/l)	200	ND	NA	NA	NA	NA
Iron (ug/l)	300	19500	3060	4610	3300 J	2900 J
Iron, Dissolved (ug/l)	300	NE	NA	NA	NA	NA
Lead (ug/l)	5	12.9	5.71	NE	ND	ND
Lead, Dissolved (ug/l)	5	ND	NA	NA	NA	NA
Manganese (ug/l)	50	597	271	1190	460	430
Manganese, Dissolved (ug/l)	50	353	NA	NA	NA	NA

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- TRANSFORMER
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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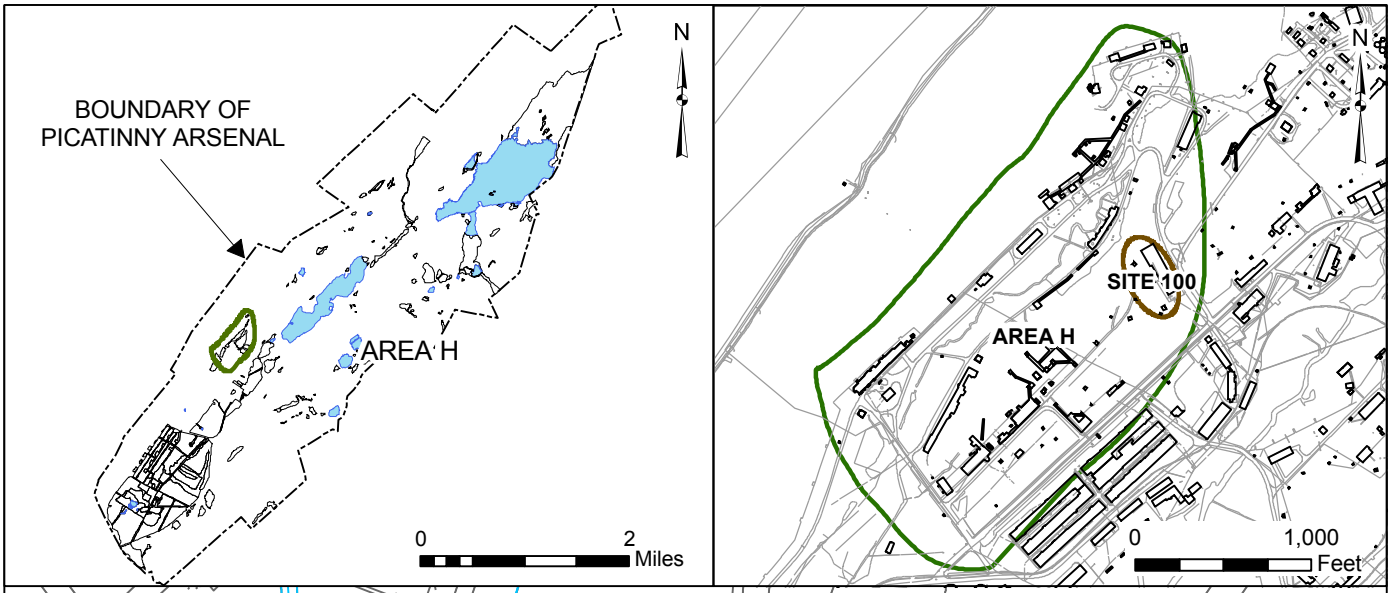
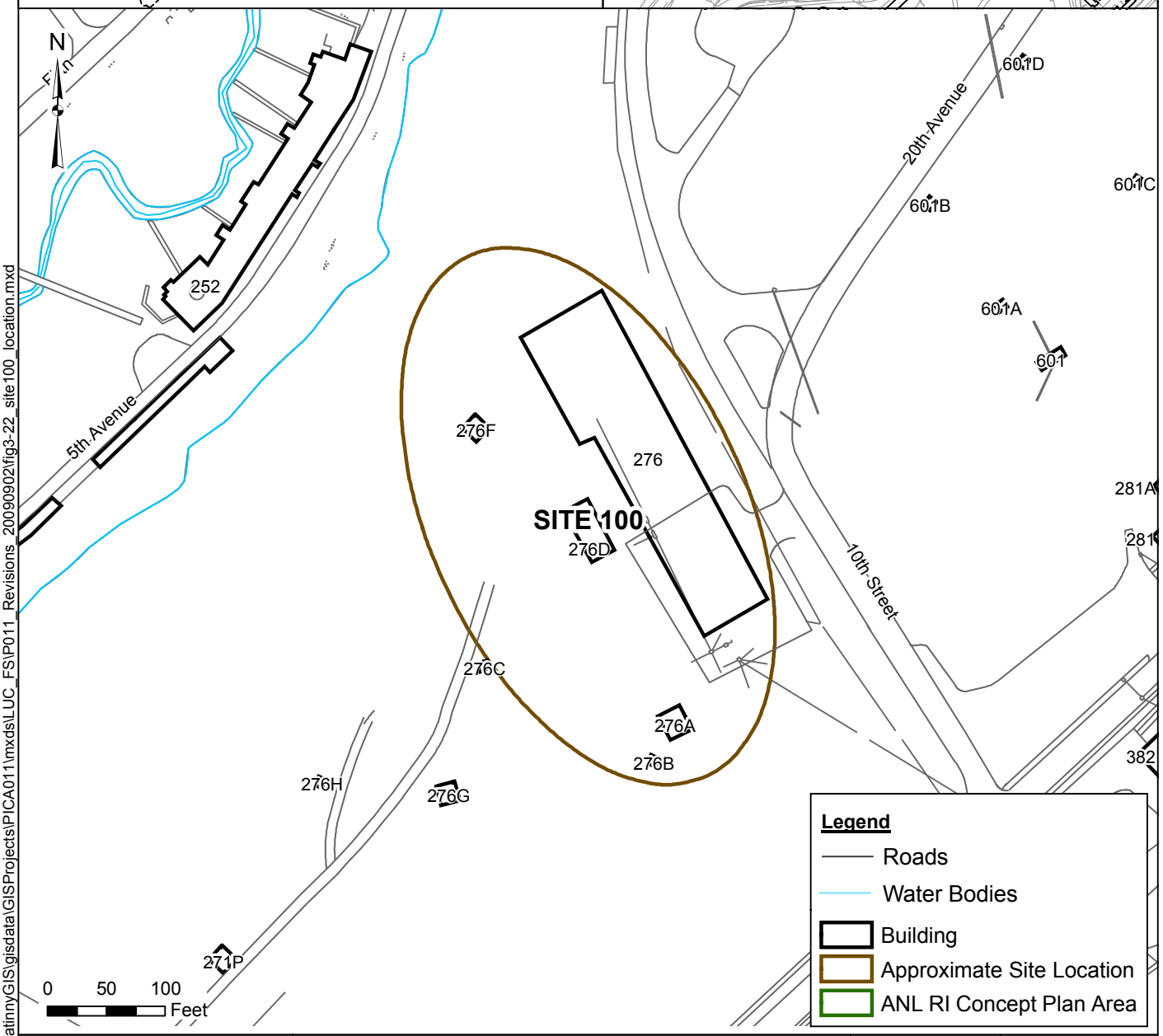
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN
DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST
CHECKED: T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 98 BUILDING 268, MINE ASSEMBLY FACILITY

TASK/PHASE NUMBER: EA001
DRAWN BY: A. FOX
PROJECT NUMBER: GP06PICA.P011
DRAWING NUMBER: 3-22





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LAYOUT OF PICA 091/RI SITE 100
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-23

H-100-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Fluoranthene (mg/kg)	0.06423	0.24
Lead (mg/kg)	38.8	65.5
Mercury (mg/kg)	0.249	0.52
Phenanthrene (mg/kg)	0.0419	0.13
Pyrene (mg/kg)	0.0530	0.22
Strontium (mg/kg)	16	73 J

H-100-SS-003		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	1	4.4 D
Aroclor 1260 (mg/kg)	1	8 D

H-100-SS-006		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	1	3.1 D
Aroclor 1260 (mg/kg)	1	4 JD

H-100-SB-002			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Aroclor 1260 (mg/kg)	1	10	ND

H-100-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	34.7
Fluoranthene (mg/kg)	0.06423	0.13
Mercury (mg/kg)	0.249	0.35
Phenanthrene (mg/kg)	0.0419	0.05
Pyrene (mg/kg)	0.0530	0.08

H-100-SS-005		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	1	2.1 D
Aroclor 1260 (mg/kg)	1	1.4 JD

H-100-MW-001.		
Date		10/14/96
Compound	LOC	Conc
Iron (ug/l)	300	6650
Manganese (ug/l)	50	972

H-100-SB-004		
Depth (ft)		5 – 7
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.98

H-100-MW-001		
Depth (ft)		0 – 2
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.63

H-100-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	6.3 D
Benzo(a)pyrene (mg/kg)	0.2	6.2 D
Benzo(b)fluoranthene (mg/kg)	2	7.8 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.2 D
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	4 D

H-100-SS-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	3.8 D
Benzo(a)pyrene (mg/kg)	0.2	4.3 D
Benzo(b)fluoranthene (mg/kg)	2	5.3 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.79 JD
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	2.9 D

H-100-MW-002
H-100-SD-002
H-100-SS-003
H-100-SB-002
H-100-SS-004
H-100-SS-006
H-100-SS-005
H-100-TP-001
H-100-SD-001
H-100-MW-001
SITE 100
H-100-TP-002
H-100-SB-003
H-100-SS-2A/B
H-100-SS-002C/D
H-100-SS-2
H-100-SB-001
H-100-SS-1A
H-100-SS-1B
TR-276
H-100-SS-1D
H-100-SB-004
H-100-SS-1C
H-100-MW-003
H-100-SS-007
H-100-SS-008

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- TRANSFORMER
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 100 EXPLOSIVES LOADING FACILITY

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-24

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 - 9:23am
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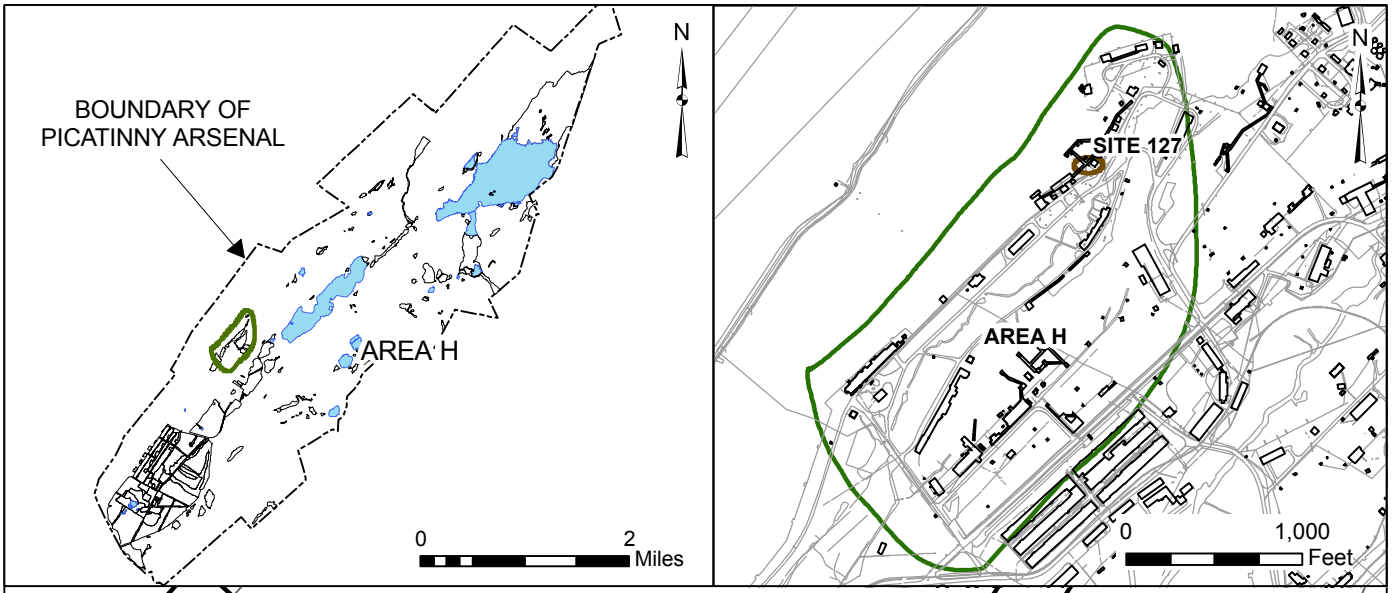

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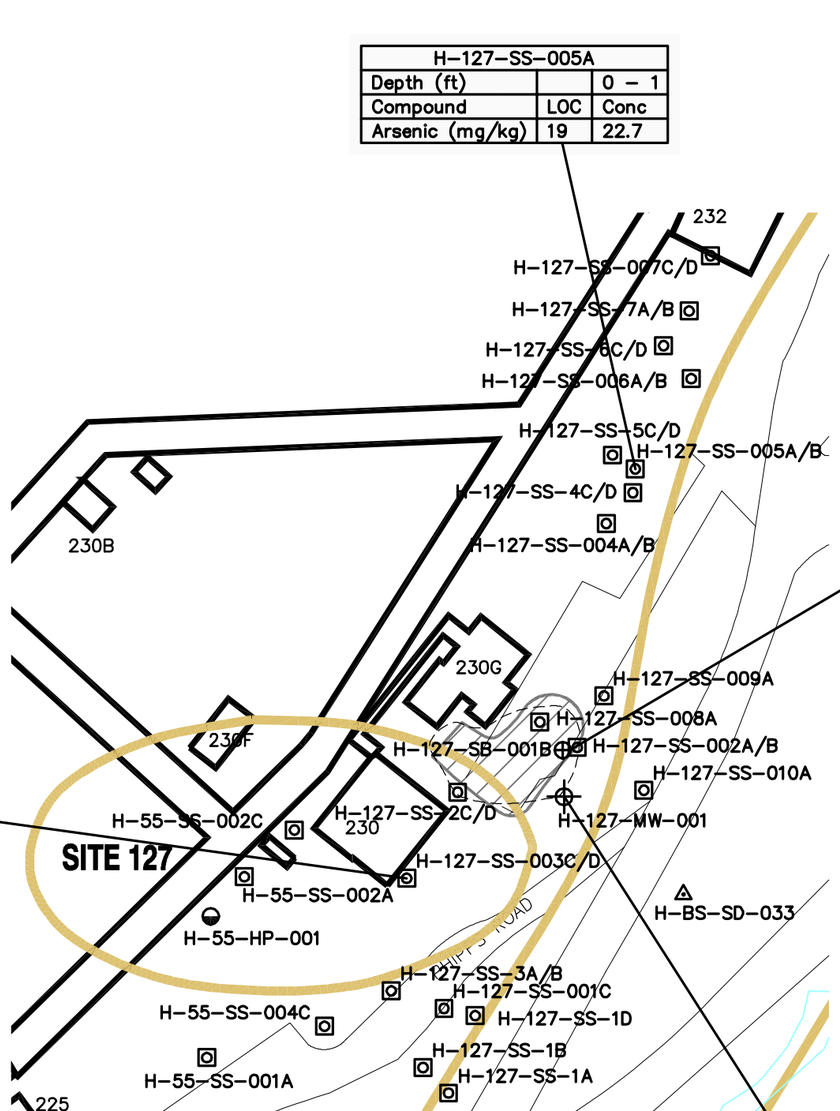
LAYOUT OF PICA 091/RI SITE 127
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-25



H-127-SS-005A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	22.7

H-127-SS-002A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	38

H-127-SS-003C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	19.6
Manganese (mg/kg)	5900	6120

H-127-MW-001		
Date		10/08/96
Compound	LOC	Conc
bis(2-Ethylhexyl)phthalate (ug/l)	3	7.9
Lead (ug/l)	5	5.43

LEGEND

- SURFACE SOIL
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- SURFACE WATER AND/OR SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- FORMER MERCURY SPILL AND EXCAVATED AREA
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 11 x 17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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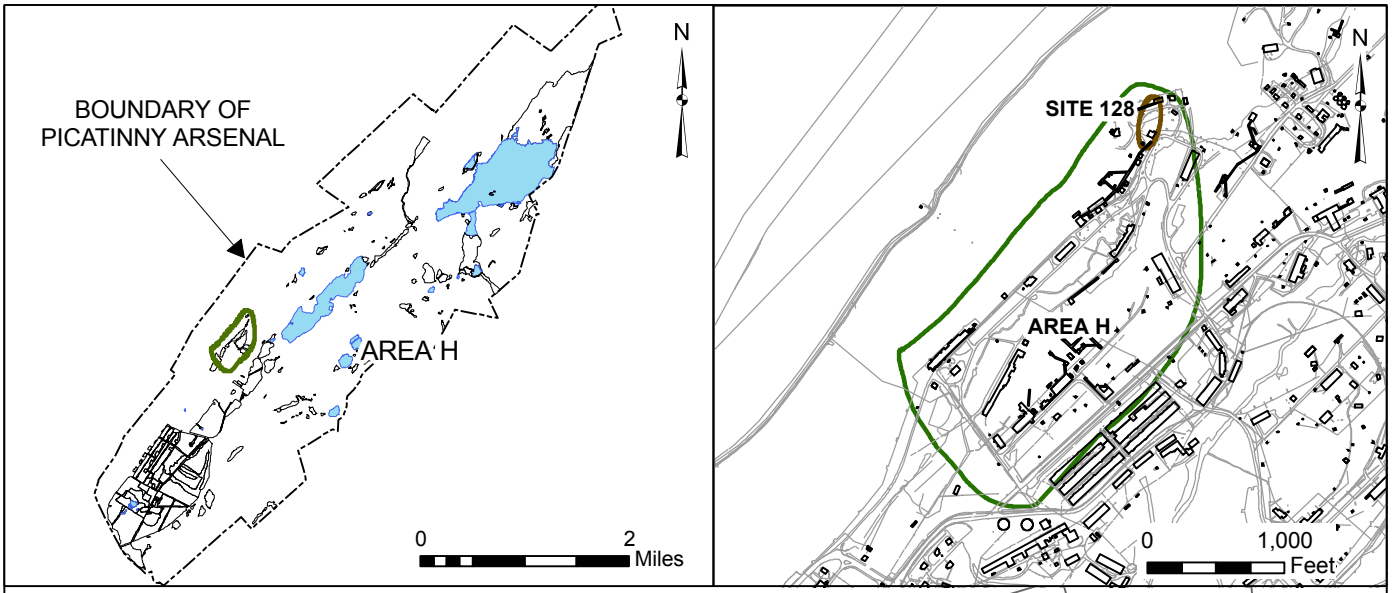
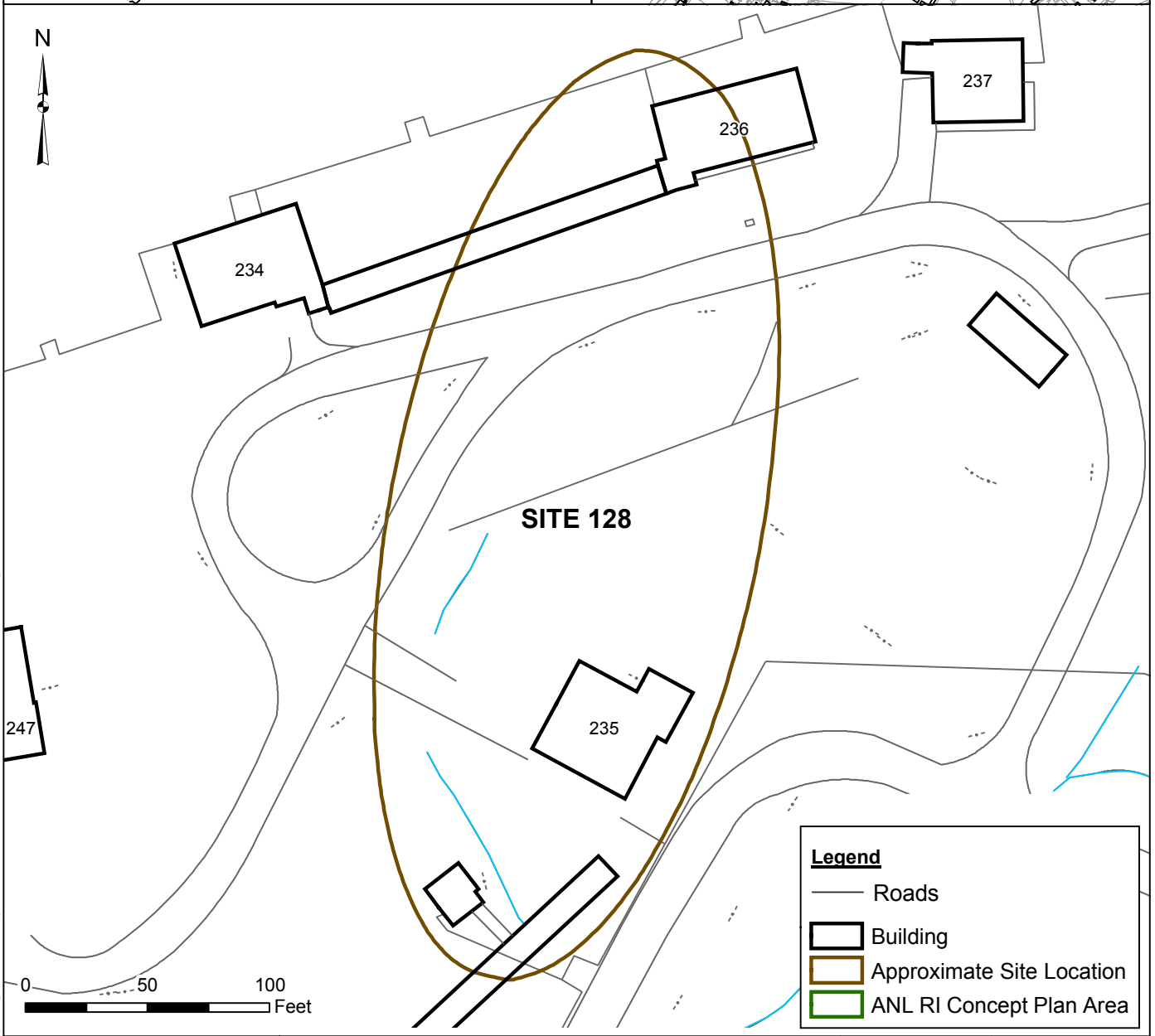
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 127 BUILDING 230, MELT CASING OPERATION

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-26





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LAYOUT OF PICA 091/RI SITE 128
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M.GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-27

H-128-SS-009A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	51

H-128-MW-004			
Date		10/09/96	12/20/00
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	621	NA
Lead (ug/l)	5	8.06	ND
Manganese (ug/l)	50	104	NA

H-128-SS-014		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	33.6 D

H-128-MW-003			
Date		10/10/96	12/20/00
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	584	NA
Lead (ug/l)	5	16.5	6.9
Lead, Dissolved (ug/l)	5	NA	NE
Manganese (ug/l)	50	98.4	NA
Radium-226 (pCi/L)	5	11.6	NA

H-128-MW-001		
Date		10/09/96
Compound	LOC	Conc
Aluminum (ug/l)	200	368
Manganese (ug/l)	50	72.8

H-128-SS-007A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	76

H-128-SE010			
Depth (ft)		1 – 1.5	1 – 1.5 (dup)
Compound	LOC	Conc	Conc
Mercury (mg/kg)	0.249	1.05	0.585

H-128-SE004		
Depth (ft)		0 – .5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	1.52

H-128-SS-003A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	26.7

H-128-SE003		
Depth (ft)		0 – .5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	5.06

H-128-SE005		
Depth (ft)		0 – .5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	8.41

H-128-SE006		
Depth (ft)		0 – .5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	4.84

H-128-SE011		
Depth (ft)		1 – 1.5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	6.51

H-128-SE007		
Depth (ft)		0 – .5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	3.8

H-128-SE008		
Depth (ft)		0 – .5
Compound	LOC	Conc
Mercury (mg/kg)	0.249	11.6

H-128-MW-002			
Depth (ft)		0 – 2	4 – 6
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	23.8	NE
Benzo(a)pyrene (mg/kg)	0.2	1.1	ND

H-SWBG-31		
Date		11/02/93
Compound	LOC	Conc
alpha-BHC, USAEC UH20 (ug/l)	0.0026	0.02
alpha-BHC, USAEC UM25 (ug/l)	0.0026	ND

H-SDBG-31		
Depth (ft)		0 – .5
Compound	LOC	Conc
4,4'-DDD, USAEC LH17 (mg/kg)	0.00354	0.53
4,4'-DDD, USAEC LM25 (mg/kg)	0.00354	ND
4,4'-DDE, USAEC LH17 (mg/kg)	0.00142	0.01
4,4'-DDE, USAEC LM25 (mg/kg)	0.00142	ND
4,4'-DDT, USAEC LH17 (mg/kg)	0.00119	0.04
4,4'-DDT, USAEC LM25 (mg/kg)	0.00119	ND
Aldrin, USAEC LH17 (mg/kg)	0.002	0.16 J
Aldrin, USAEC LM25 (mg/kg)	0.002	ND
Aroclor 1254 (mg/kg)	0.060	0.95
Copper (mg/kg)	28	59.7
Endosulfan sulfate, USAEC LH17 (mg/kg)	0.0003	0.4
Endosulfan sulfate, USAEC LM25 (mg/kg)	0.0003	ND
Fluoranthene (mg/kg)	0.06423	0.29
Lead (mg/kg)	38.8	94.7
Phenanthrene (mg/kg)	0.0419	0.18
Pyrene (mg/kg)	0.0530	0.42
Zinc (mg/kg)	171	197

H-128-SS-008A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	23.2

H-128-SS-002C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	24

SITE 128

H-128-MW-001, H-128-MW-002, H-128-MW-003, H-128-MW-004
H-128-SS-001A, H-128-SS-001C, H-128-SS-002A/B, H-128-SS-002C/D, H-128-SS-003A/B, H-128-SS-004A, H-128-SS-004B, H-128-SS-005A/B, H-128-SS-005C/D, H-128-SS-006B, H-128-SS-006C, H-128-SS-006A, H-128-SS-006D, H-128-SS-007A/B, H-128-SS-007C, H-128-SS-008A/B, H-128-SS-009A/B, H-128-SS-009C/D, H-128-SS-010A, H-128-SS-010B, H-128-SS-011A, H-128-SS-012A, H-128-SS-013A, H-128-SS-014A, H-128-SS-4B, H-128-SS-4C, H-128-SS-4D, H-128-SS-8C/D, H-128-SB-001, H-BS-SD-002, H-BS-SD-003, H-BS-SD-004, H-BS-SD-005, H-BS-SD-006, H-BS-SD-007, H-BS-SD-034, H-128-SE001, H-128-SE002, H-128-SE003, H-128-SE004, H-128-SE005, H-128-SE006, H-128-SE007, H-128-SE008, H-128-SE009, H-128-SE010, H-128-SE011, H-128-DUP001, H-SDBG-31, H-SWBG-31

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 128 BUILDINGS 235/236 EXPLOSIVES PRESSING PLANT

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-28

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 - 9:30am
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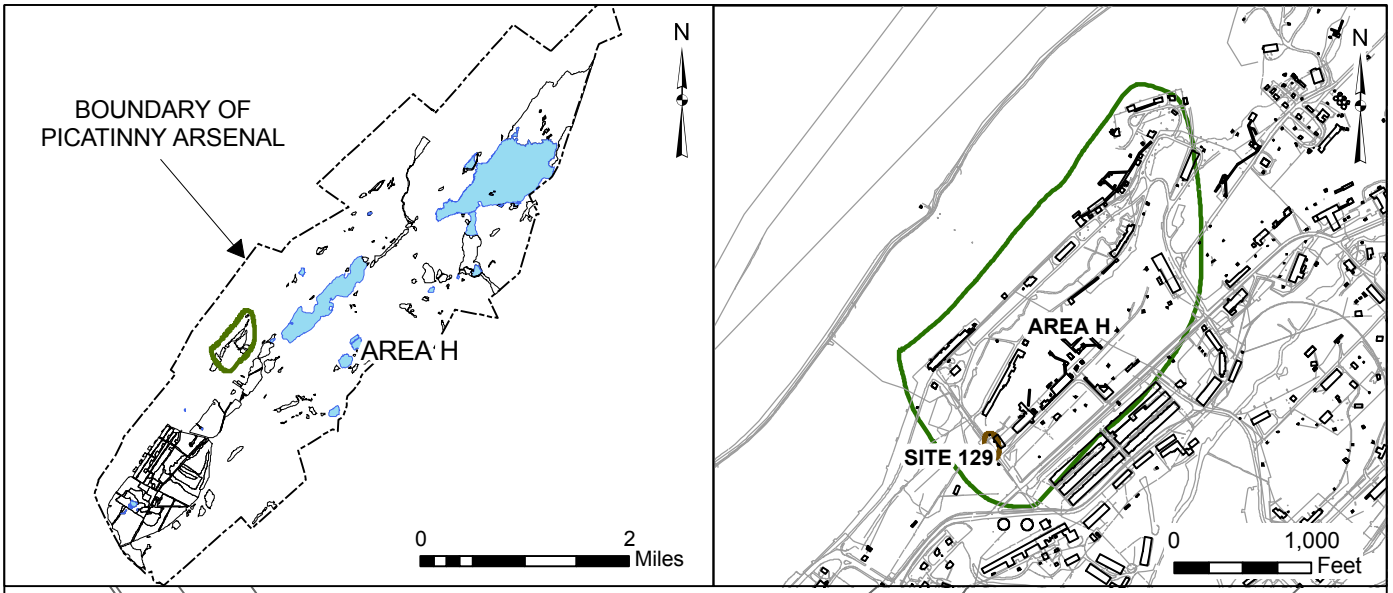

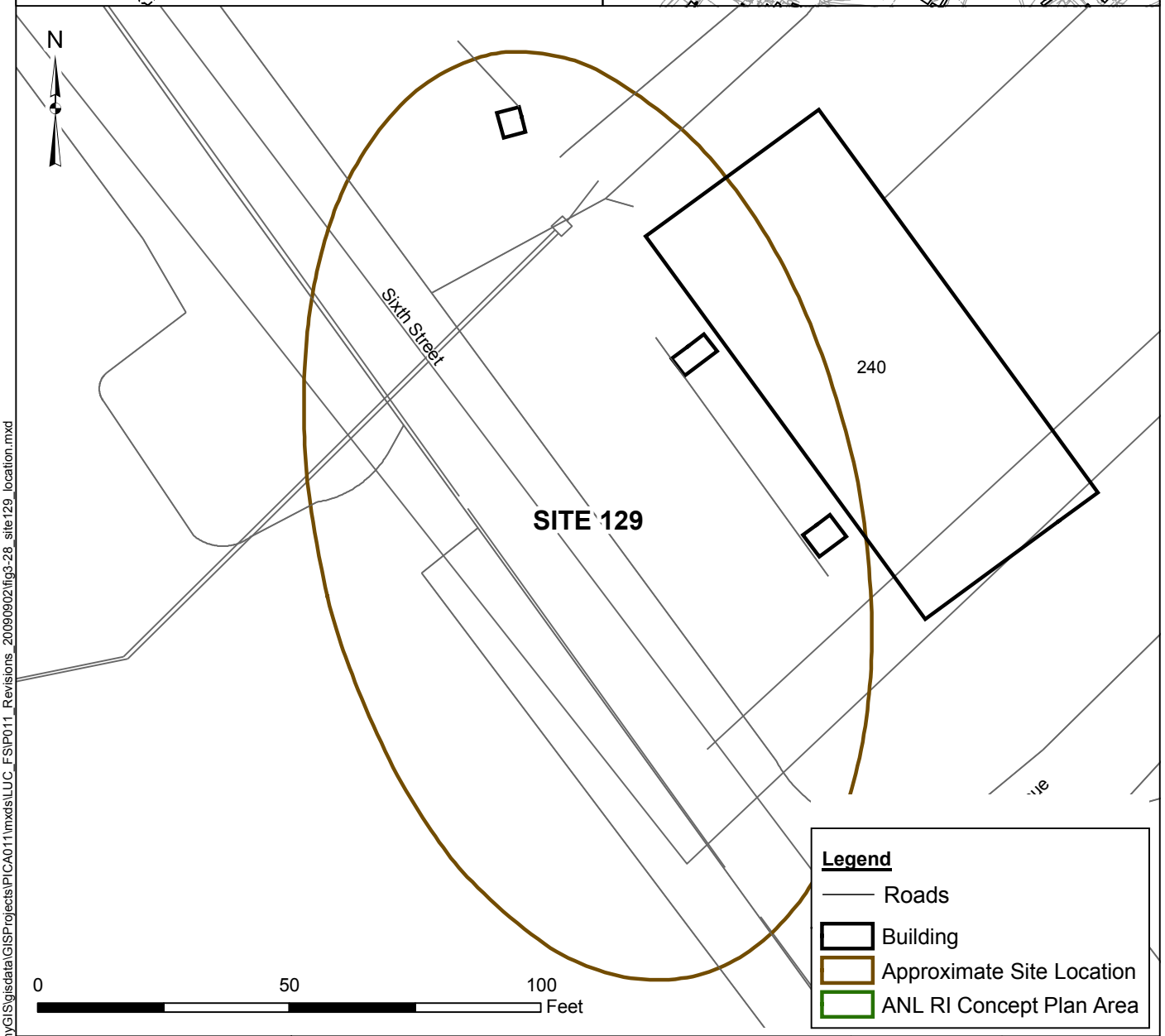

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LAYOUT OF PICA 091/RI SITE 129
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-29

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
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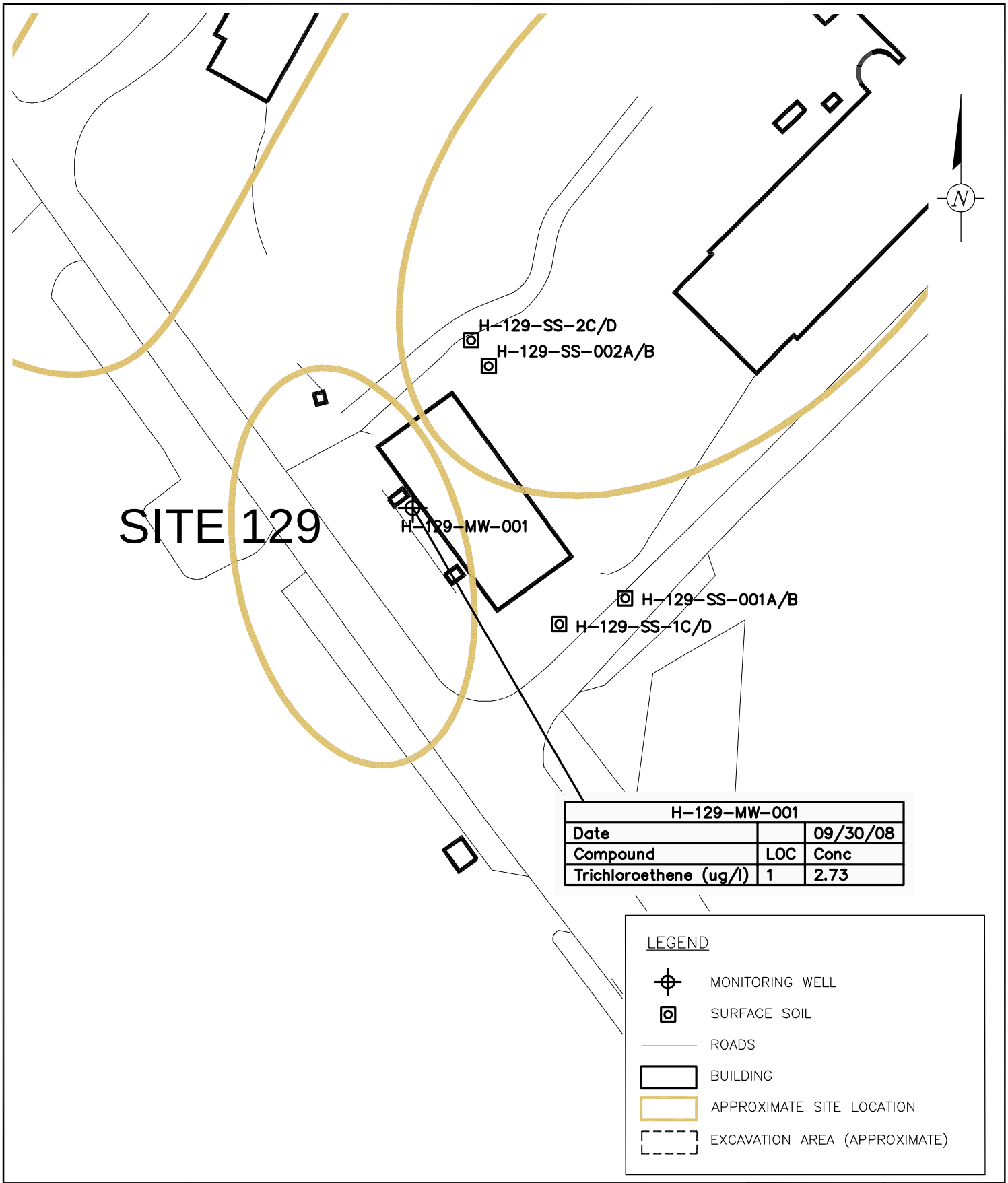

H-129-MW-001		
Date		09/30/08
Compound	LOC	Conc
Trichloroethene (ug/l)	1	2.73

LEGEND

- MONITORING WELL
- SURFACE SOIL
- ROADS
- BUILDING
- APPROXIMATE SITE LOCATION
- EXCAVATION AREA (APPROXIMATE)

0 60
SCALE IN FEET

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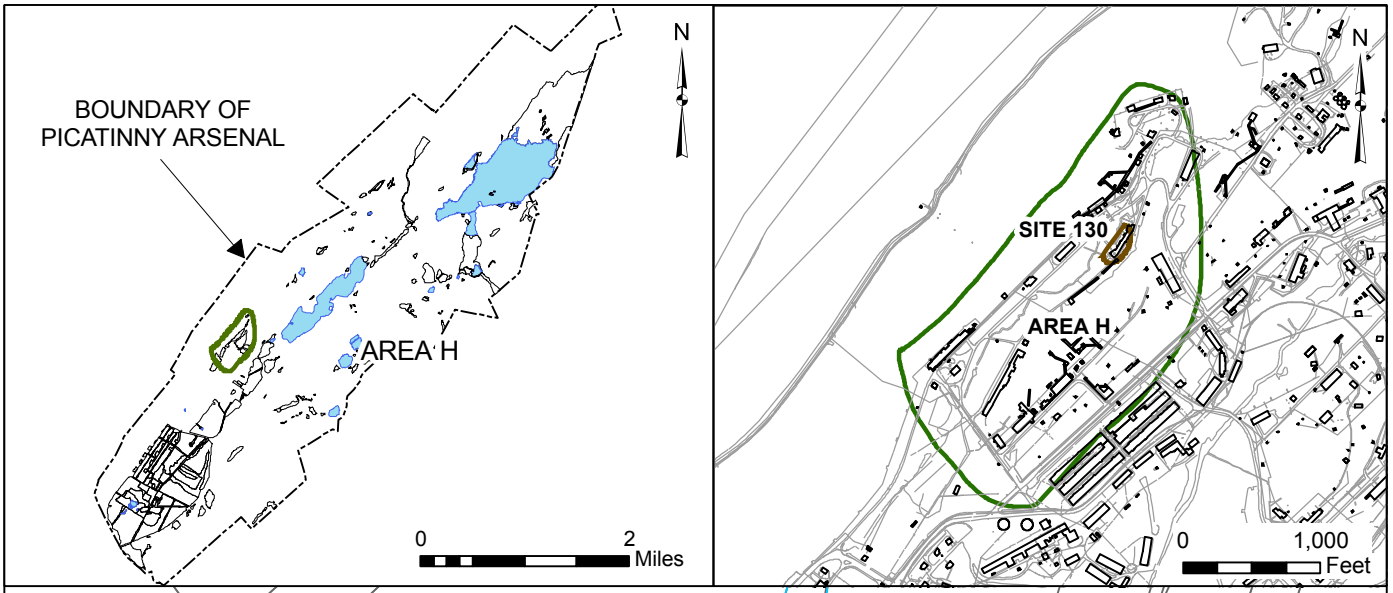
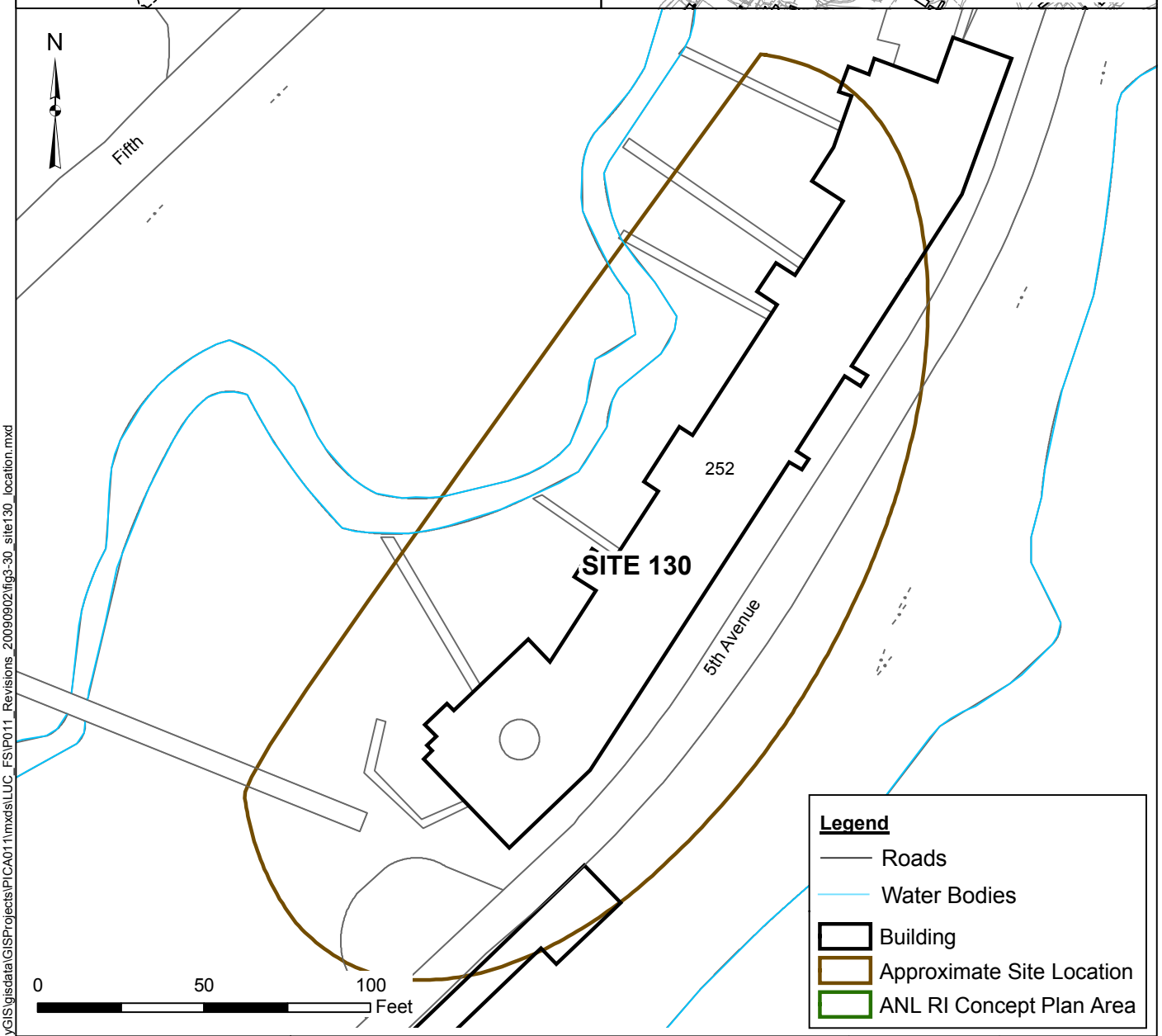
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 129 BUILDING 240, CHANGE HOUSE		TASK/PHASE NUMBER: T. LLEWELLYN	DRAWN BY: A. FOX
		PROJECT NUMBER: GP06PICA.P011	DRAWING NUMBER: 3-30





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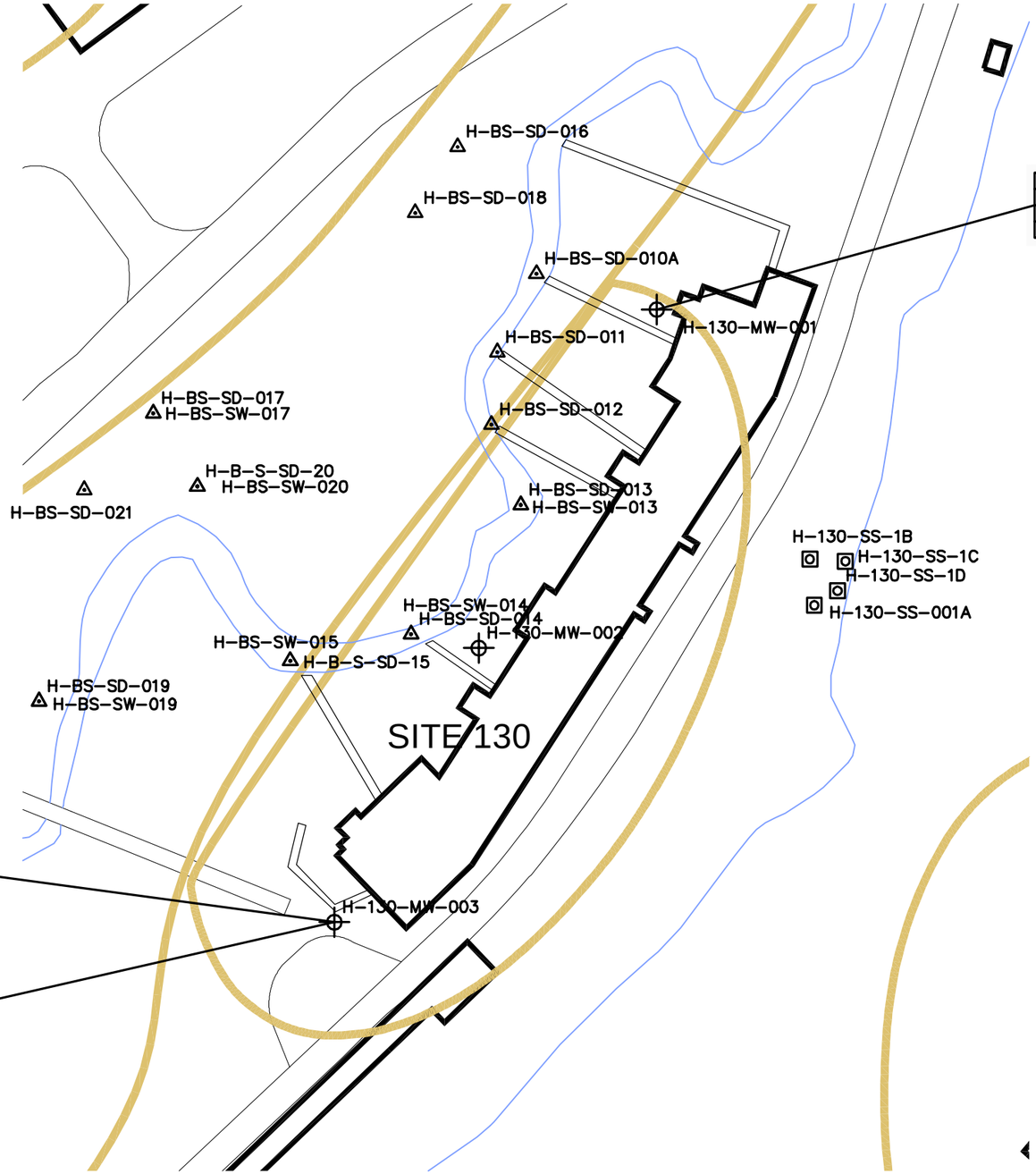
LAYOUT OF PICA 091/RI SITE 130
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M.GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-31



H-130-MW-001			
Date		10/10/96	12/20/00
Compound	LOC	Conc	Conc
Tetrachloroethene (ug/l)	1	1.6	NE

H-130-MW-003.		
Date		10/17/96
Compound	LOC	Conc
Iron (ug/l)	300	319
Lead (ug/l)	5	8.17
Manganese (ug/l)	50	92

H-130-MW-003			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	30	NE

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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1114 Benfield Blvd., Suite A
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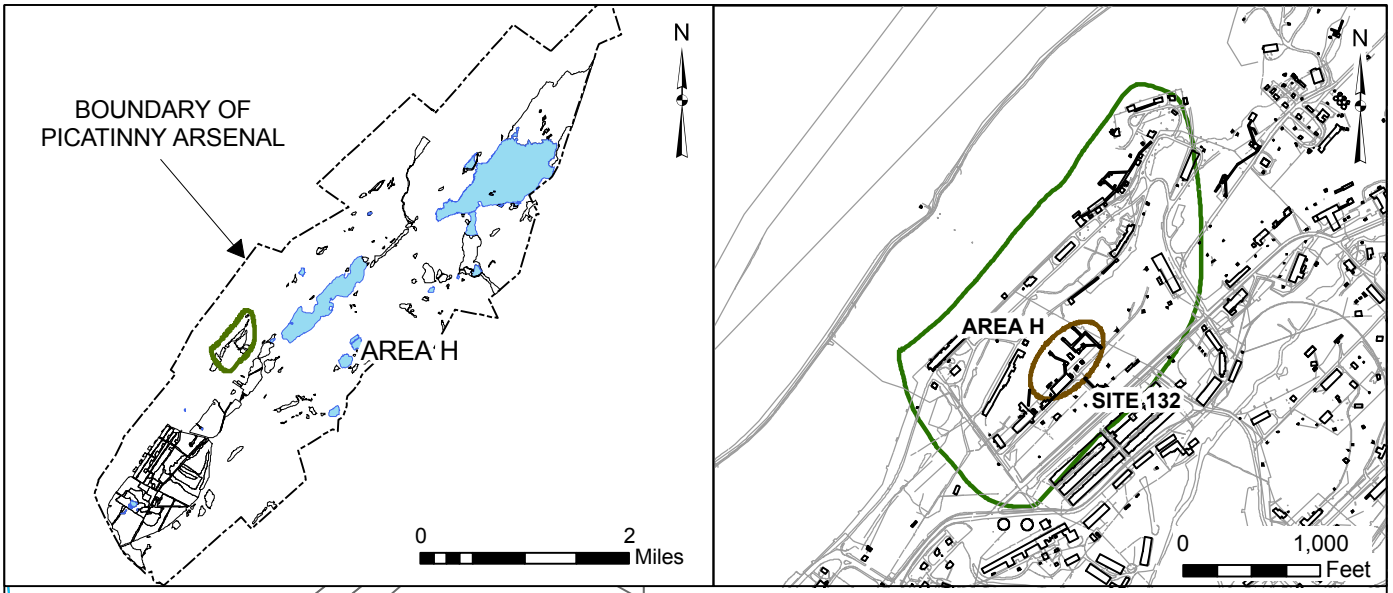
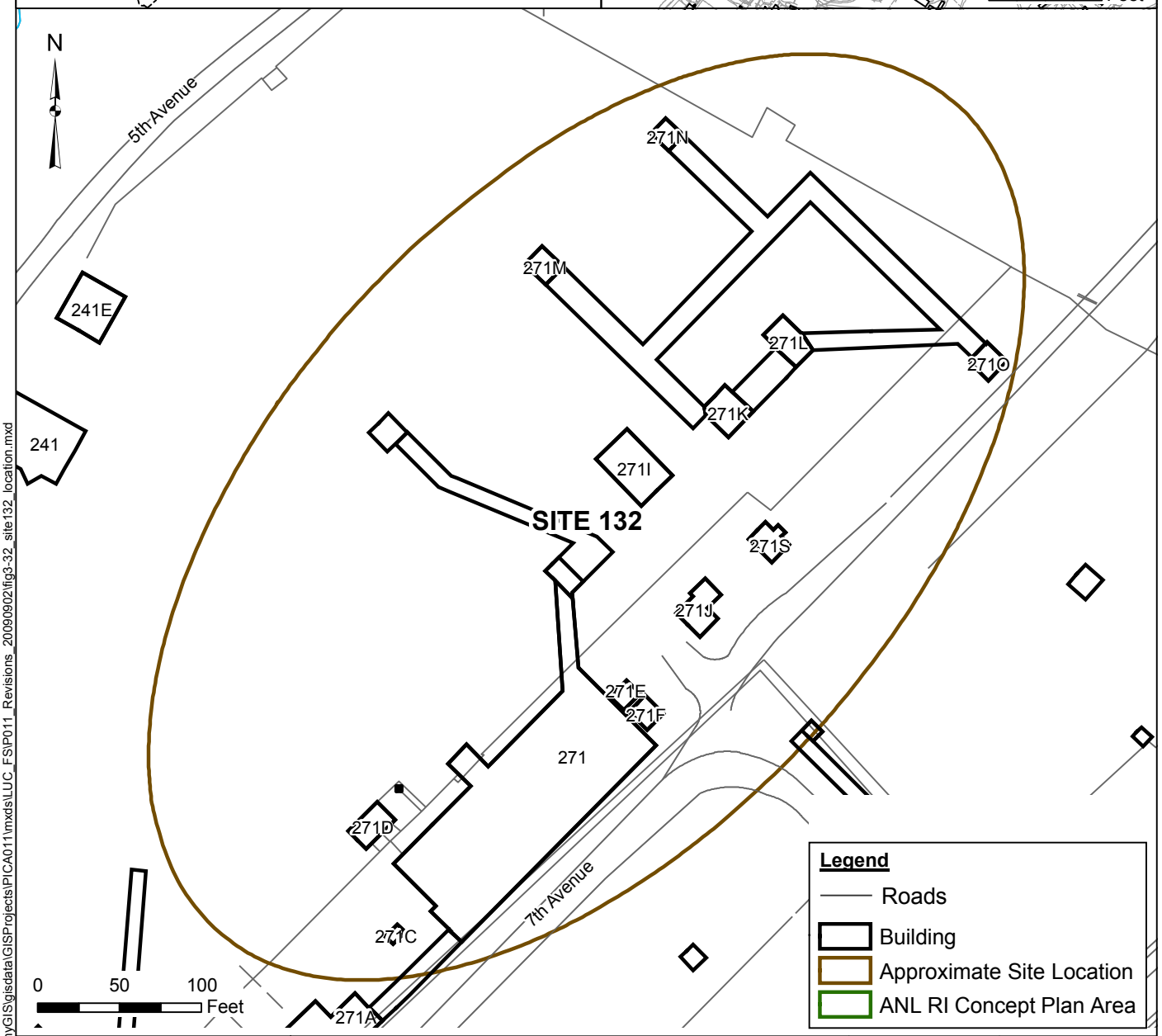
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 130 BUILDING 252, POWDER PRESS/PELLETING		TASK/PHASE NUMBER: EA001	DRAWN BY: A. FOX
		PROJECT NUMBER: GP06PICA.P011	DRAWING NUMBER: 3-32





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LAYOUT OF PICA 091/RI SITE 132
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-33

H-132-MW-002					
Depth (ft)		0 – 2	10 – 12	15 – 17	15 – 17 (dup)
Compound	LOC	Conc	Conc	Conc	Conc
Manganese (mg/kg)	5900	NE	6100	NE	NE

H-132-HP-004		
Date		11/20/00
Compound	LOC	Conc
Manganese (ug/l)	50	1500 J

H-132-SS-015A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	19.9

H-132-MW-002.			
Date		10/14/96	12/21/00
Compound	LOC	Conc	Conc
Cadmium (ug/l)	4	4.06	NA
Cobalt (ug/l)	100	280	NA
Lead (ug/l)	5	5.75	NA
Manganese (ug/l)	50	9640	7400 J
Manganese, Dissolved (ug/l)	50	NA	7000 J
RDX (ug/l)	2	17.6	7.7

H-132-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Strontium (mg/kg)	16	17.9 J

H-132-HP-003		
Date		11/20/00
Compound	LOC	Conc
Manganese (ug/l)	50	43200 JD

H-132-SS-007A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	31

H-132-SS-025		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	26.9
Manganese (mg/kg)	5900	5950

H-132-HP-002		
Date		11/20/00
Compound	LOC	Conc
Manganese (ug/l)	50	6400 J

H-132-HP-001		
Date		11/20/00
Compound	LOC	Conc
Manganese (ug/l)	50	280 J

H-132-MW-001				
Depth (ft)		0 – 2	4 – 6	
Compound	LOC	Conc	Conc	
Arsenic (mg/kg)	19	NE	21	

H-132-MW-001.			
Date		10/10/96	12/21/00
Compound	LOC	Conc	Conc
Lead (ug/l)	5	18.1	NA
Manganese (ug/l)	50	152	NE
Manganese, Dissolved (ug/l)	50	NA	NE

H-132-SS-002C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	200

H-132-SS-020		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	95.5 J

H-132-SS-001C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	21.6

H-132-SS-022			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.24 J	0.5

H-132-SS-027A
H-132-SD-001
H-132-SS-026A
H-132-SS-10C/D
H-132-SS-010A
H-132-SS-17C
H-132-SS-017A/B
H-132-SS-8C/D
H-132-SS-008A/B
H-132-HP-004
H-132-SS-029A
H-132-SS-016A/B
H-132-SS-16C/D
H-132-SS-011A/B
H-132-SS-025A
H-132-HP-003
H-132-SS-9C/D
H-132-SS-11C/D
H-132-SS-5C/D
H-132-SS-013A/B
H-132-SS-6C/D
H-132-SS-009A/B
H-132-SS-013C/D
H-132-SS-015A/B
H-132-SS-006A/B
H-132-MW-002
H-132-SS-005A/B
H-132-SS-007A/B
H-132-SS-7C/D
H-132-SS-15C/D
H-132-HP-002
H-98-SD-002
H-132-SS-023A
H-132-SS-014A/B
H-98-SS-004A
H-178-SS-7C/D
H-178-SS-9A/B
H-98-SS-4B
H-178-SS-9C/D
H-132-SS-028A
H-98-SS-4D
H-98-SS-4C
H-132-SS-12C/D
H-132-SS-14C/D
H-132-SS-012A/B
H-178-SS-7A/B
H-178-SS-8A/B
H-178-SS-8C/D
H-132-HP-001
H-132-SS-004C/D
SITE 132
H-98-SS-3A/B
H-132-SS-004A/B
H-98-SS-003C/D
H-98-SD-001
H-132-MW-001
H-132-SS-3C/D
H-132-SS-019C/D
H-132-SS-18C/D
H-132-SS-003A/B
H-98-SS-1C/D
H-132-SS-019A
H-132-SS-024A
H-98-SS-001A/B
H-132-SS-018A/B
H-132-SS-021A
H-98-SS-2C/D
H-98-SS-002A/B
H-132-SS-002C/D
H-132-SS-2A/B
H-132-SS-020A
H-132-SS-1A/B
H-132-SS-022A
H-MWG-3A
H-132-SS-001C/D
H-MWG-3B

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- MONITORING WELL
- HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

Date\Time : Fri, 25 Sep 2009 – 9:42am
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Acad Version : R17.1s (LMS Tech)
User Name : AFOX

0 80
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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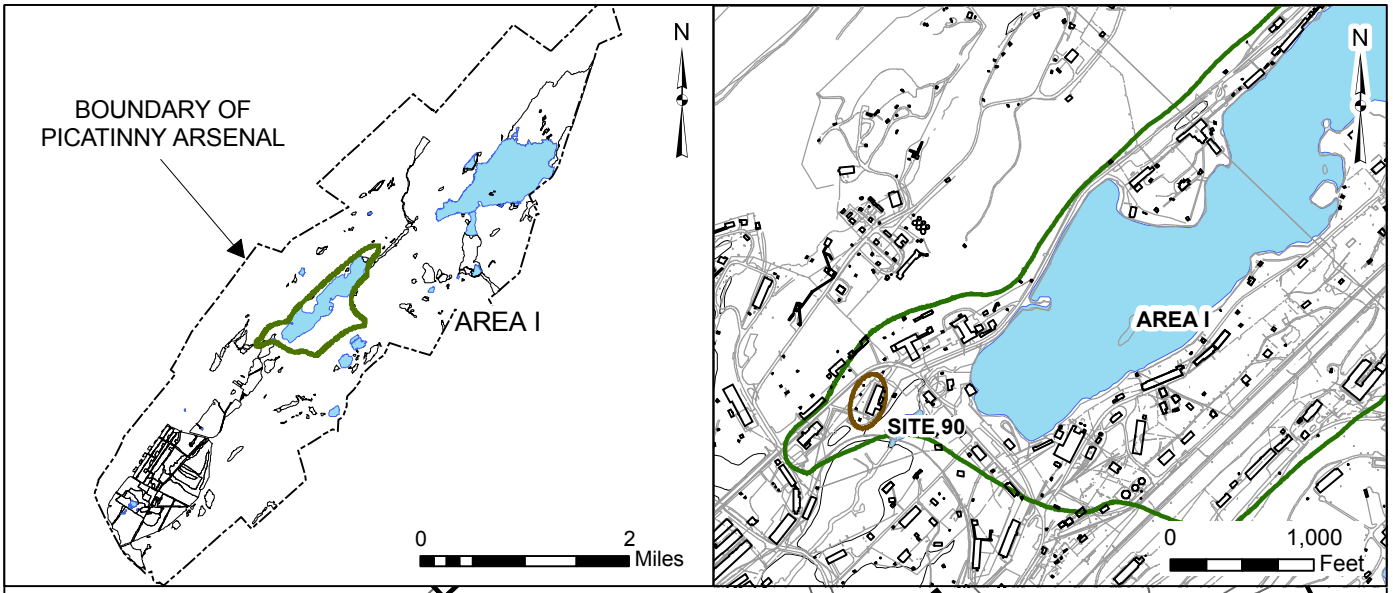
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

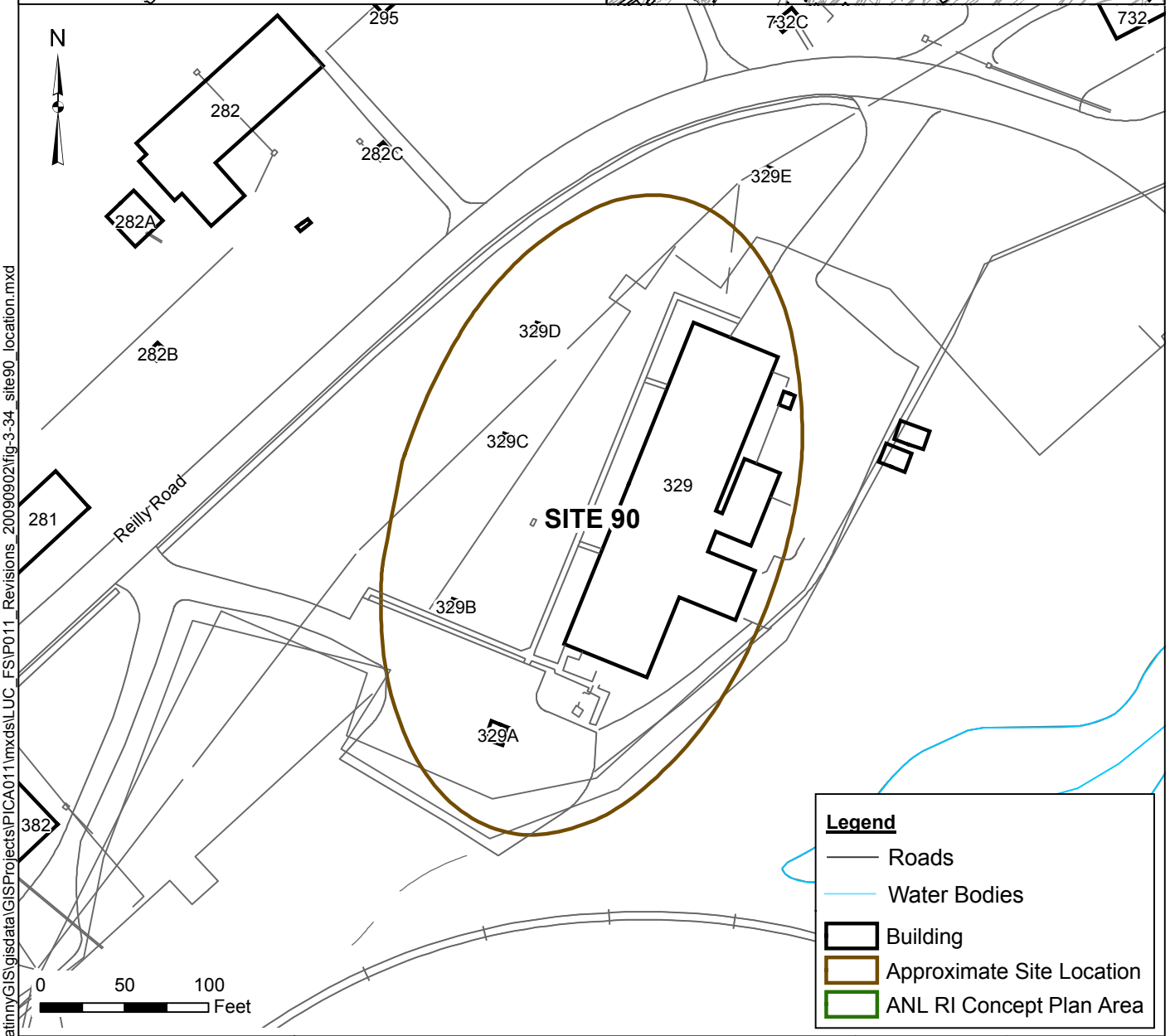
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 091/RI SITE 132 BUILDINGS 271/271 I-N FORMER LOADING FACILITY

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-34





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LAYOUT OF PICA 108/RI SITE 90
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-35

I-90-SS-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	4.4 D
Benzo(a)pyrene (mg/kg)	0.2	3.7 D
Benzo(b)fluoranthene (mg/kg)	2	4.7 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.63 JD

I-90-SS-005A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	2.5 N

I-90-HP-001			
Date		06/07/01	06/18/01
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	93600	NA
Arsenic (ug/l)	3	25	NA
Beryllium (ug/l)	1	1.8 J	NA
bis(2-Ethylhexyl)phthalate (ug/l)	3	NA	100 D
Chromium (ug/l)	70	110	NA
Iron (ug/l)	300	80000	NA
Lead (ug/l)	5	120	NA
Manganese (ug/l)	50	970	NA

I-90-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.22 J

I-90-MW-002		
Date		07/18/03
Compound	LOC	Conc
Aluminum (ug/l)	200	1500
Iron (ug/l)	300	4600
Manganese (ug/l)	50	410

I-90-SD-003		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	16.0	17.5 J
Benz(a)anthracene (mg/kg)	0.0317	0.07 J
Benzo(a)pyrene (mg/kg)	0.0319	0.09 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.15 J
Chrysene (mg/kg)	0.0571	0.11 J
Fluoranthene (mg/kg)	0.06423	0.15 J
Mercury (mg/kg)	0.249	0.6 J
Pyrene (mg/kg)	0.0530	0.17 J

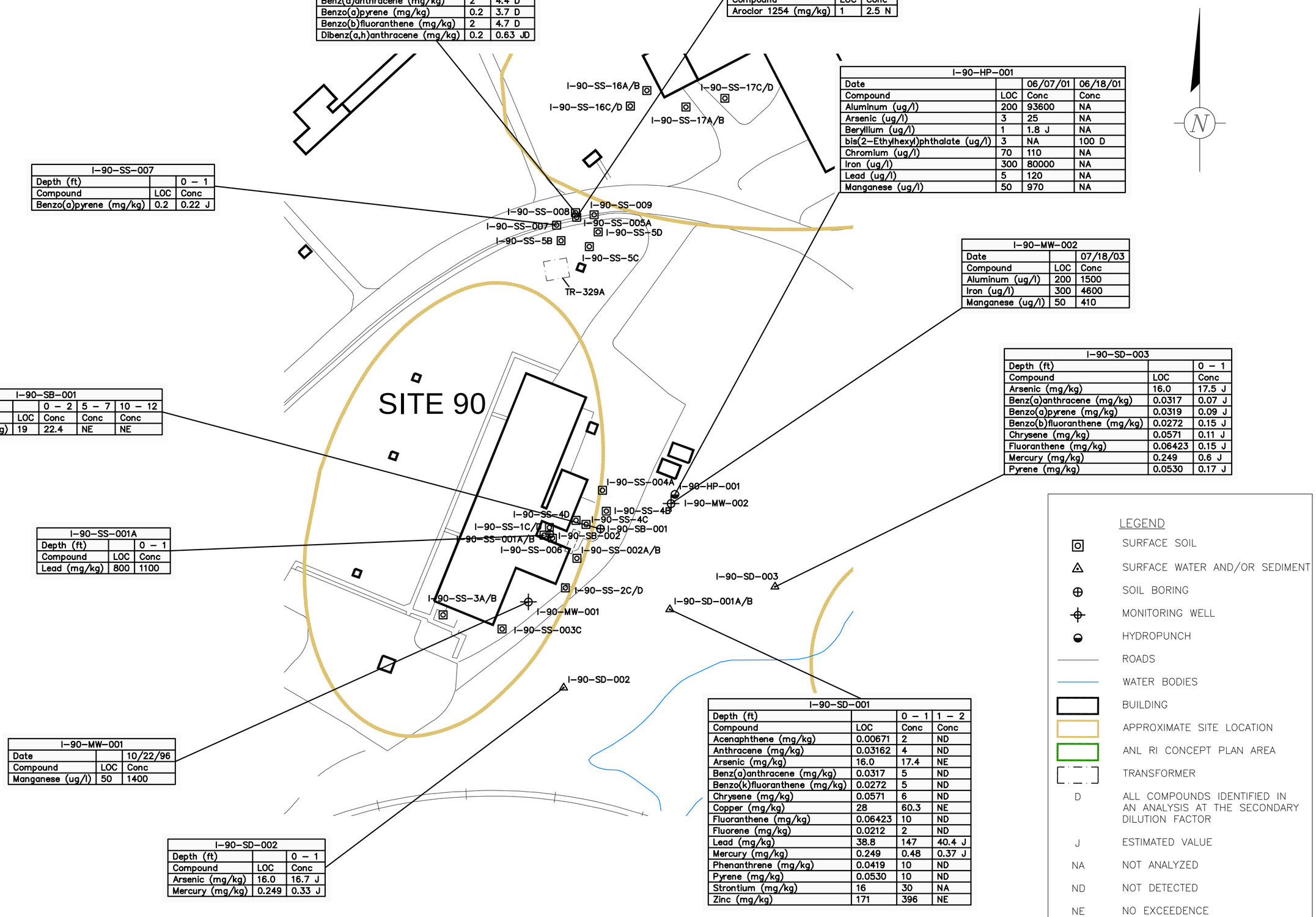
I-90-SB-001				
Depth (ft)		0 – 2	5 – 7	10 – 12
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	19	22.4	NE	NE

I-90-SS-001A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1100

I-90-MW-001		
Date		10/22/96
Compound	LOC	Conc
Manganese (ug/l)	50	1400

I-90-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	16.0	16.7 J
Mercury (mg/kg)	0.249	0.33 J

I-90-SD-001			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Acenaphthene (mg/kg)	0.00671	2	ND
Anthracene (mg/kg)	0.03162	4	ND
Arsenic (mg/kg)	16.0	17.4	NE
Benz(a)anthracene (mg/kg)	0.0317	5	ND
Benzo(k)fluoranthene (mg/kg)	0.0272	5	ND
Chrysene (mg/kg)	0.0571	6	ND
Copper (mg/kg)	28	60.3	NE
Fluoranthene (mg/kg)	0.06423	10	ND
Fluorene (mg/kg)	0.0212	2	ND
Lead (mg/kg)	38.8	147	40.4 J
Mercury (mg/kg)	0.249	0.48	0.37 J
Phenanthrene (mg/kg)	0.0419	10	ND
Pyrene (mg/kg)	0.0530	10	ND
Strontium (mg/kg)	16	30	NA
Zinc (mg/kg)	171	396	NE



LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- TRANSFORMER
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

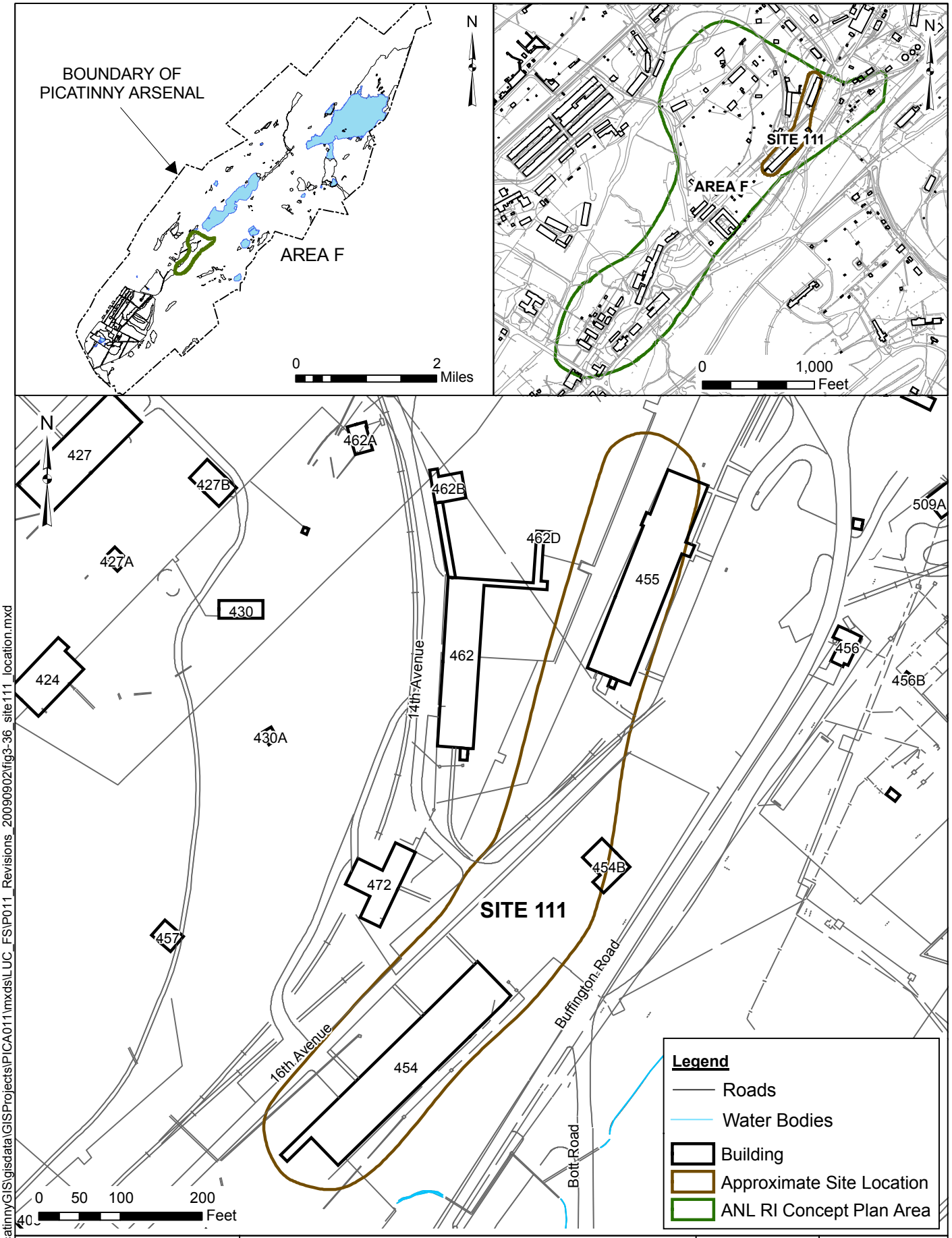
SHEET TITLE

HISTORICAL LOC EXCEEDENCES DATA AT PICA 108/RI SITE 90 BUILDING 329, ELECTROMAGNETIC GUN TEST SHED

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-36

Acad Version : R17.1s (LMS Tech)
User Name : AFOX

Date\Time : Fri, 25 Sep 2009 – 9:45am
Path\Name : G:\ENVCAD\BRIGHTON\ACT\Picatinny\Picatinny 011\Site_090\SITE-90.dwg – Layout Tab : LAYOUT1



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LAYOUT OF PICA 108/RI SITE 111
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-37

F-SS111-6			
Depth (ft)		0 – .5	0 – 1 (dup)
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	14	13
Benzo(a)pyrene (mg/kg)	0.2	9.7	11
Benzo(b)fluoranthene (mg/kg)	2	24	12
Dibenz(a,h)anthracene (mg/kg)	0.2	1.6	2
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	6.2	5.5

F-111-SS-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.7
Benzo(b)fluoranthene (mg/kg)	2	2.6
Dibenz(a,h)anthracene (mg/kg)	0.2	0.32 J

F-111-SS-009		
Depth (ft)		1 – 2
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.6
Benzo(a)pyrene (mg/kg)	0.2	2.4
Benzo(b)fluoranthene (mg/kg)	2	3.6
Dibenz(a,h)anthracene (mg/kg)	0.2	0.37 J

F-111-SS-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.1
Benzo(a)pyrene (mg/kg)	0.2	1.7
Benzo(b)fluoranthene (mg/kg)	2	2.7
Dibenz(a,h)anthracene (mg/kg)	0.2	0.37 J

F-111-SS-015		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.4
Benzo(b)fluoranthene (mg/kg)	2	2.1
Dibenz(a,h)anthracene (mg/kg)	0.2	0.23 J

F-SS111-5		
Depth (ft)		0 – .5
Compound	LOC	Conc
Dieldrin, USAEC LH17 (mg/kg)	0.2	0.94 N
Dieldrin, USAEC LM25 (mg/kg)	0.2	ND

F-111-SS-016		
Depth (ft)		1 – 2
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	5.6 D
Benzo(a)pyrene (mg/kg)	0.2	5.4 D
Benzo(b)fluoranthene (mg/kg)	2	6.9 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.81 J
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	3.4 J

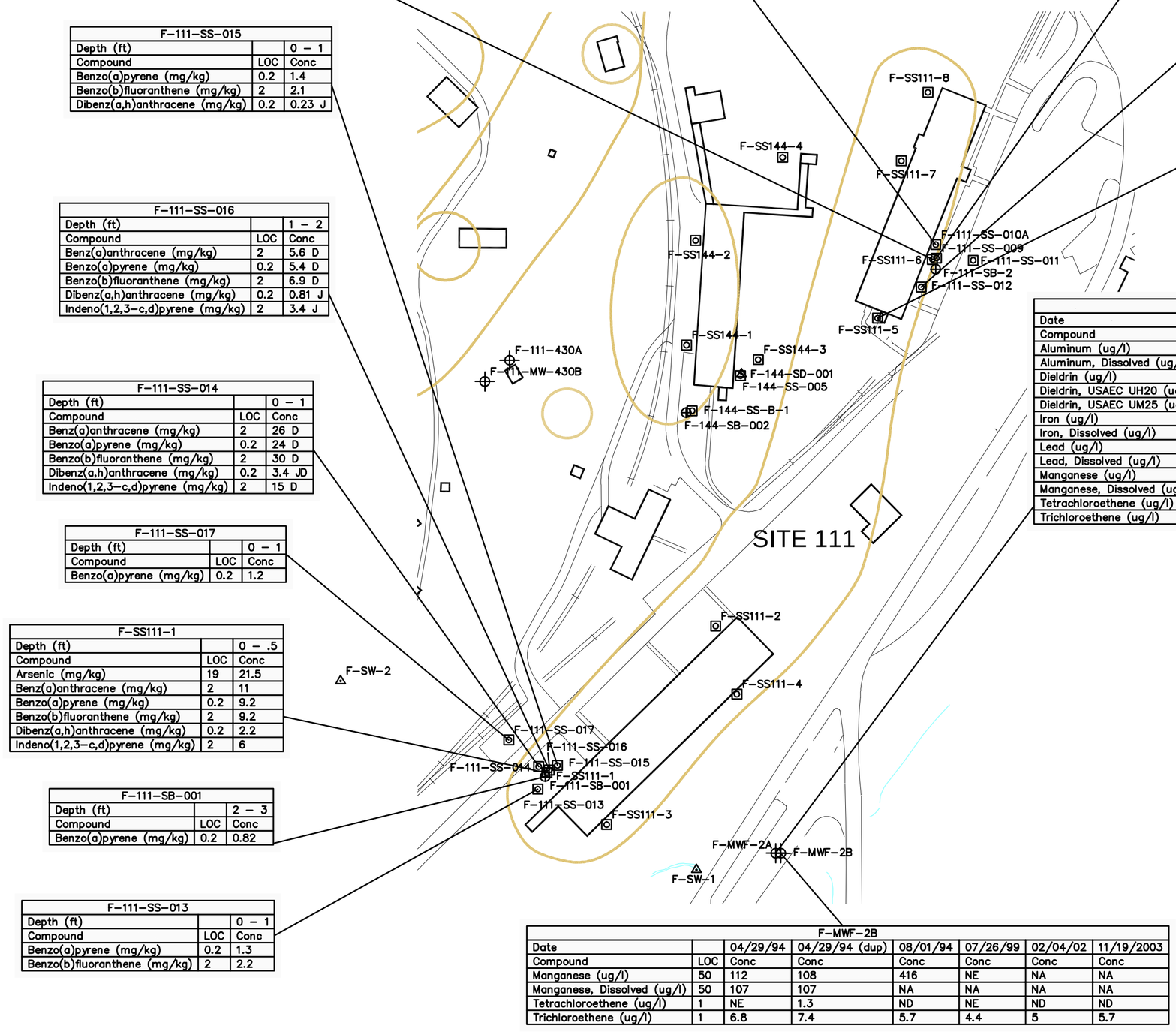
F-111-SS-014		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	26 D
Benzo(a)pyrene (mg/kg)	0.2	24 D
Benzo(b)fluoranthene (mg/kg)	2	30 D
Dibenz(a,h)anthracene (mg/kg)	0.2	3.4 JD
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	15 D

F-111-SS-017		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.2

F-SS111-1		
Depth (ft)		0 – .5
Compound	LOC	Conc
Arsenic (mg/kg)	19	21.5
Benz(a)anthracene (mg/kg)	2	11
Benzo(a)pyrene (mg/kg)	0.2	9.2
Benzo(b)fluoranthene (mg/kg)	2	9.2
Dibenz(a,h)anthracene (mg/kg)	0.2	2.2
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	6

F-111-SB-001		
Depth (ft)		2 – 3
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.82

F-111-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.3
Benzo(b)fluoranthene (mg/kg)	2	2.2



F-MWF-2A								
Date		04/29/94	05/11/94	07/29/94	07/26/99	02/04/02	11/19/2003	9/30/2008
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	953	NA	1950	NE	NA	NA	NA
Aluminum, Dissolved (ug/l)	200	ND	NA	NA	NA	NA	NA	NA
Dieldrin (ug/l)	0.03	ND	ND	NA	NA	NA	NA	NA
Dieldrin, USAEC UH20 (ug/l)	0.03	NA	NA	0.04 N	NA	NA	NA	NA
Dieldrin, USAEC UM25 (ug/l)	0.03	NA	NA	ND	NA	NA	NA	NA
Iron (ug/l)	300	1920	NA	3880	2000	NA	NA	NA
Iron, Dissolved (ug/l)	300	NE	NA	NA	NA	NA	NA	NA
Lead (ug/l)	5	6.87	NA	ND	6	NA	NA	NA
Lead, Dissolved (ug/l)	5	ND	NA	NA	NA	NA	NA	NA
Manganese (ug/l)	50	889	NA	428	110	NA	NA	NA
Manganese, Dissolved (ug/l)	50	904	NA	NA	NA	NA	NA	NA
Tetrachloroethene (ug/l)	1	1.1	NA	1.1	NE	ND	ND	ND
Trichloroethene (ug/l)	1	6.7	NA	5.5	3.7	4.4	5.2	1.93

F-MWF-2B							
Date		04/29/94	04/29/94 (dup)	08/01/94	07/26/99	02/04/02	11/19/2003
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc
Manganese (ug/l)	50	112	108	416	NE	NA	NA
Manganese, Dissolved (ug/l)	50	107	107	NA	NA	NA	NA
Tetrachloroethene (ug/l)	1	NE	1.3	ND	NE	ND	ND
Trichloroethene (ug/l)	1	6.8	7.4	5.7	4.4	5	5.7

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)

D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR

J — ESTIMATED VALUE

NA — NOT ANALYZED

ND — NOT DETECTED

NE — NO EXCEEDENCE

0 100
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE

HISTORICAL LOC EXCEEDENCES
DATA AT PICA 108/RI SITE 111
BUILDINGS 454 & 455
PROPELLANT BAG FILLING AREA

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-38

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 – 9:47am
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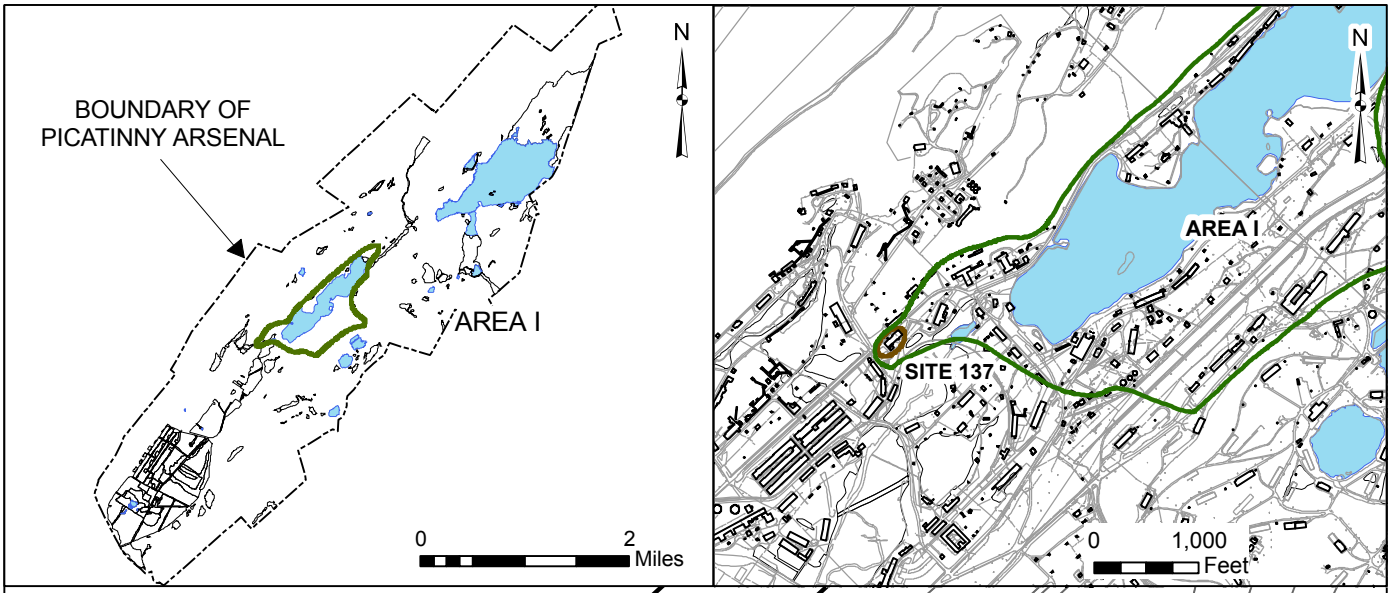

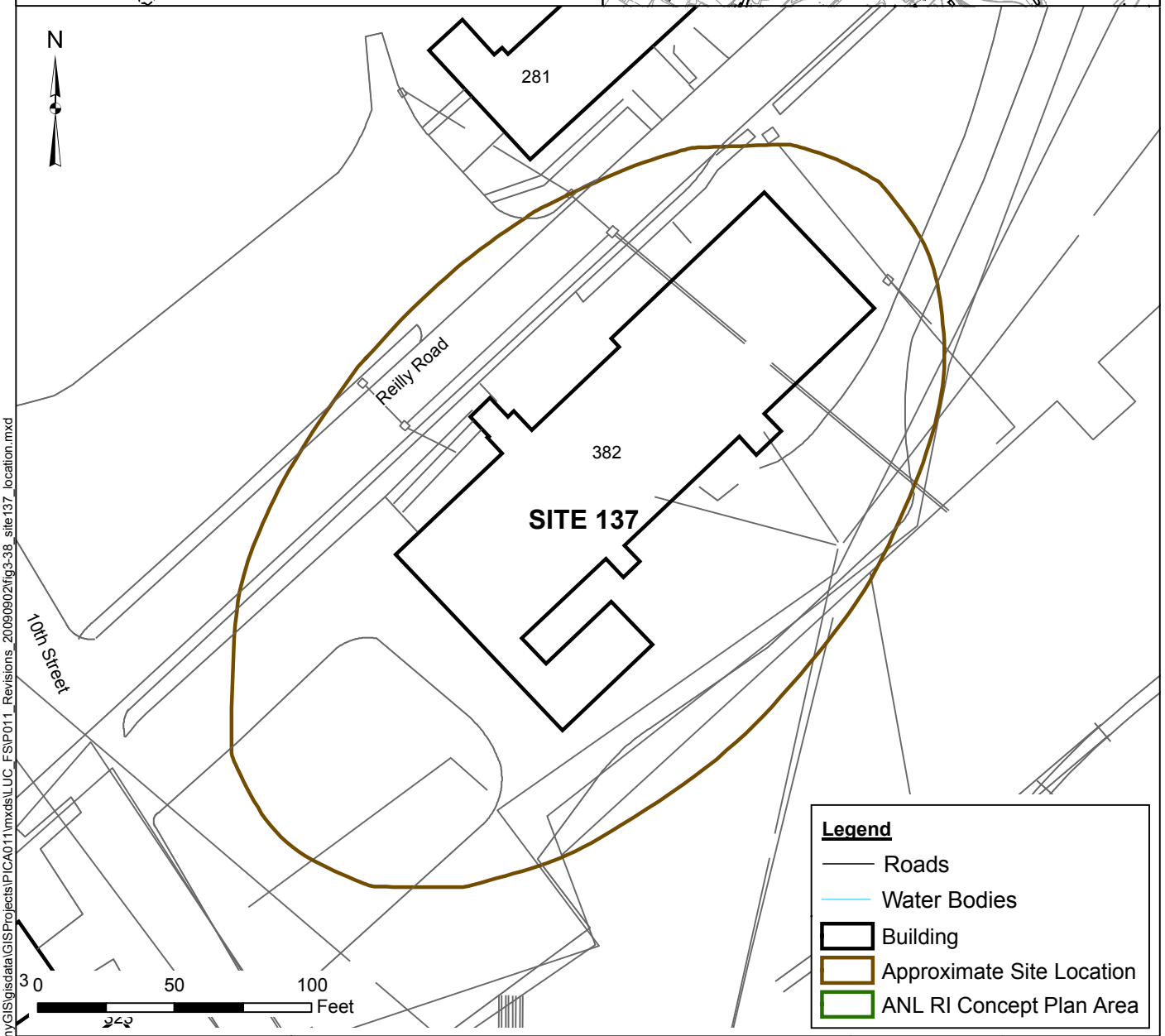

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LAYOUT OF PICA 108/RI SITE 137
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M.GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-39

I-137-MW-002				
Depth (ft)		0 – 2	0 – 2 (dup)	5 – 7
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	19	110	50	NE

I-137-MW-002.		
Date		10/28/96
Compound	LOC	Conc
Trichloroethene (ug/l)	1	1.9

I-137-TP-003				
Depth (ft)		2.5 – 3	4.4 – 4.9	6 – 6.5
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	19	210	34.5	NE

I-137-SB-003				
Depth (ft)		0 – 1	2.5 – 3	4.5 – 5
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	19	37.9	48.2	NE

I-137-SB-001		
Depth (ft)		0 – 2
Compound	LOC	Conc
Arsenic (mg/kg)	19	26.6
Benzo(a)pyrene (mg/kg)	0.2	1

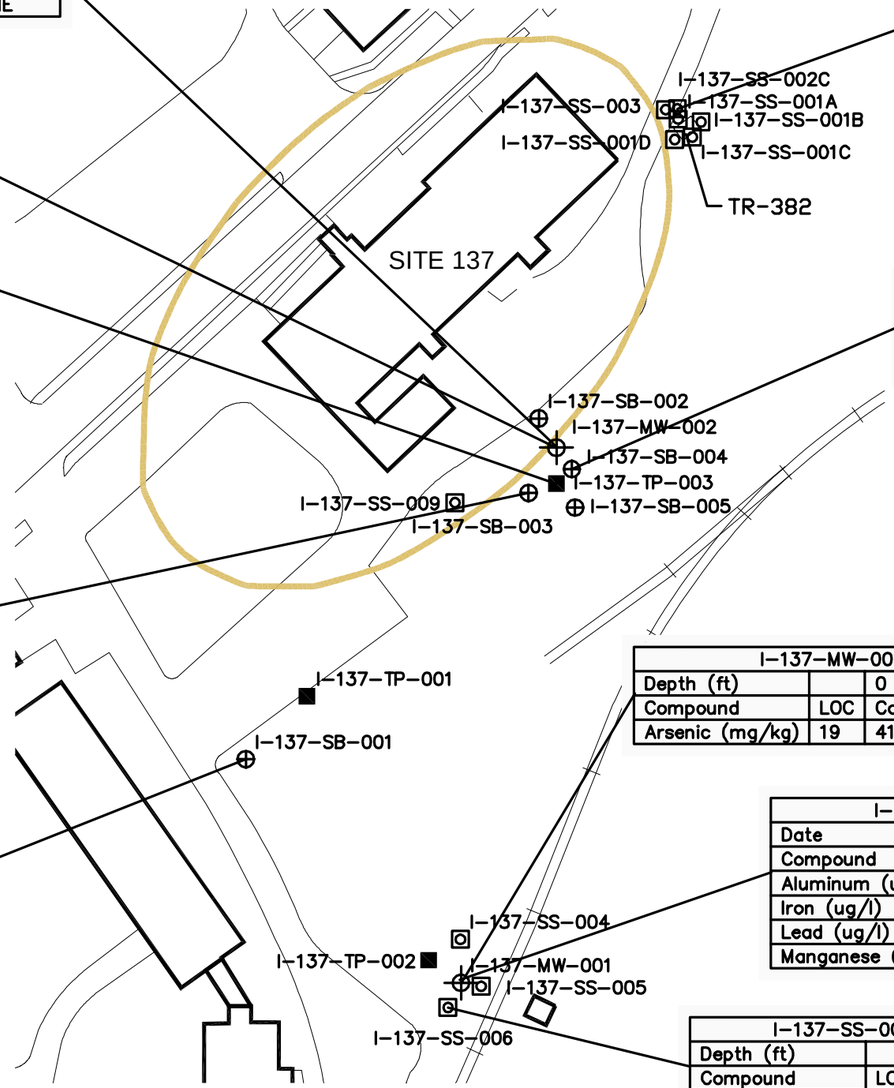
I-137-SS-002		
Depth (ft)		2 – 3
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	9.6 D
Benzo(a)pyrene (mg/kg)	0.2	9.4 D
Benzo(b)fluoranthene (mg/kg)	2	12 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.3 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	4.5 D

I-137-SB-004				
Depth (ft)		0 – 1	2.5 – 3	4.5 – 5
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	19	23.3	32.1	NE

I-137-MW-001			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	41	NE

I-137-MW-001.		
Date		10/28/96
Compound	LOC	Conc
Aluminum (ug/l)	200	5430
Iron (ug/l)	300	15700
Lead (ug/l)	5	5.99
Manganese (ug/l)	50	3010

I-137-SS-006		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	20.9



LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 75
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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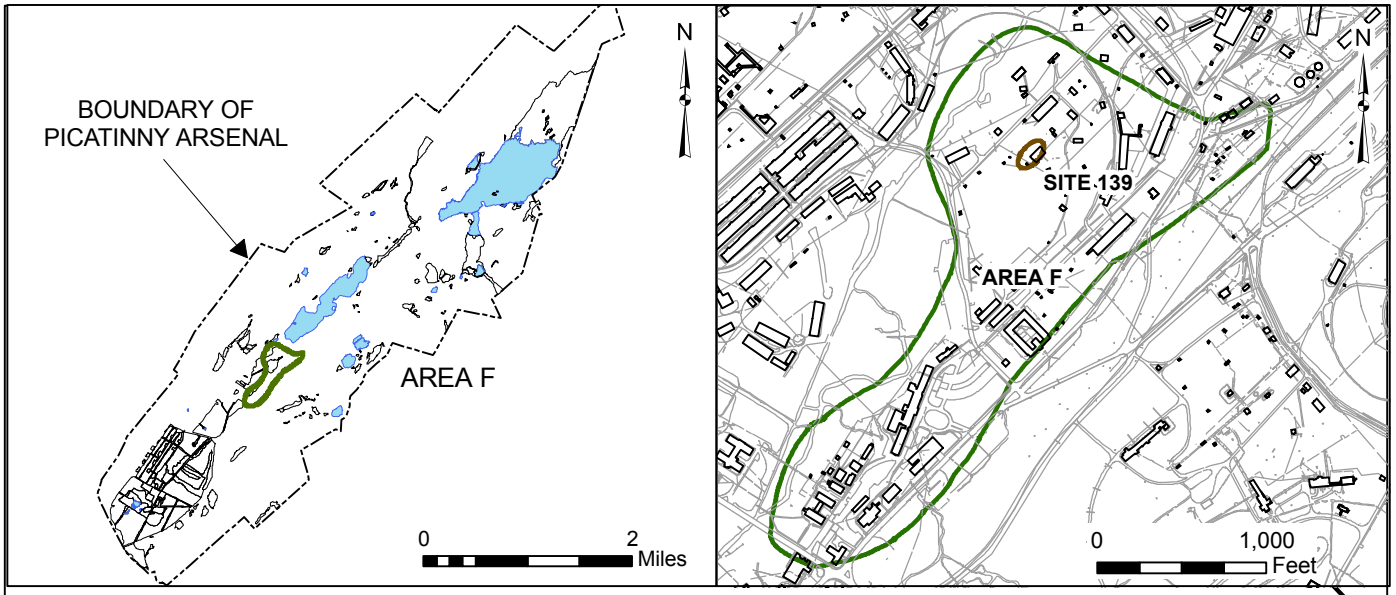
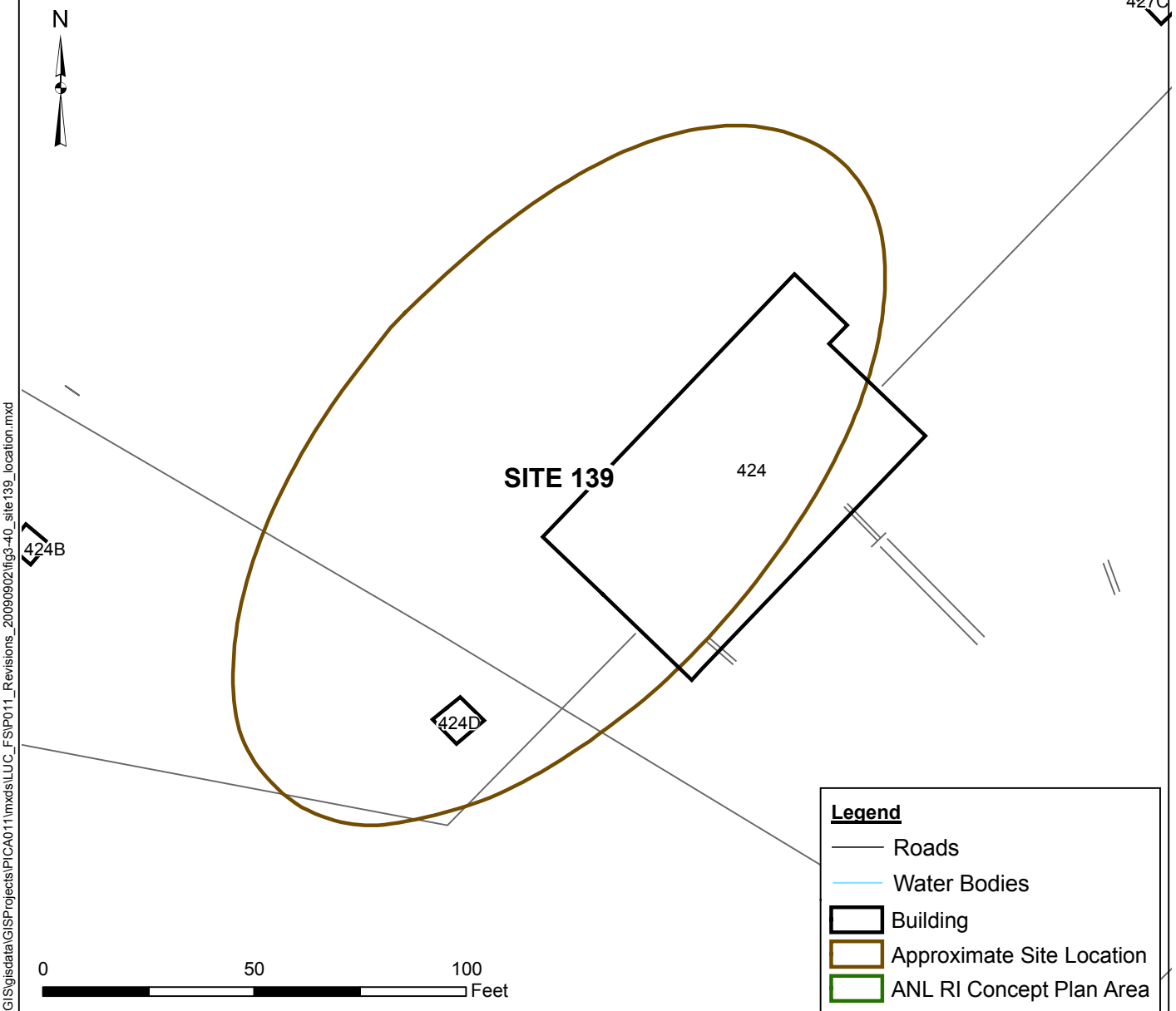
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 108/RI SITE 137 ADMINISTRATION BUILDING		TASK/PHASE NUMBER: EA001	DRAWN BY: A. FOX
		PROJECT NUMBER: GP06PICA.P011	DRAWING NUMBER: 3-40





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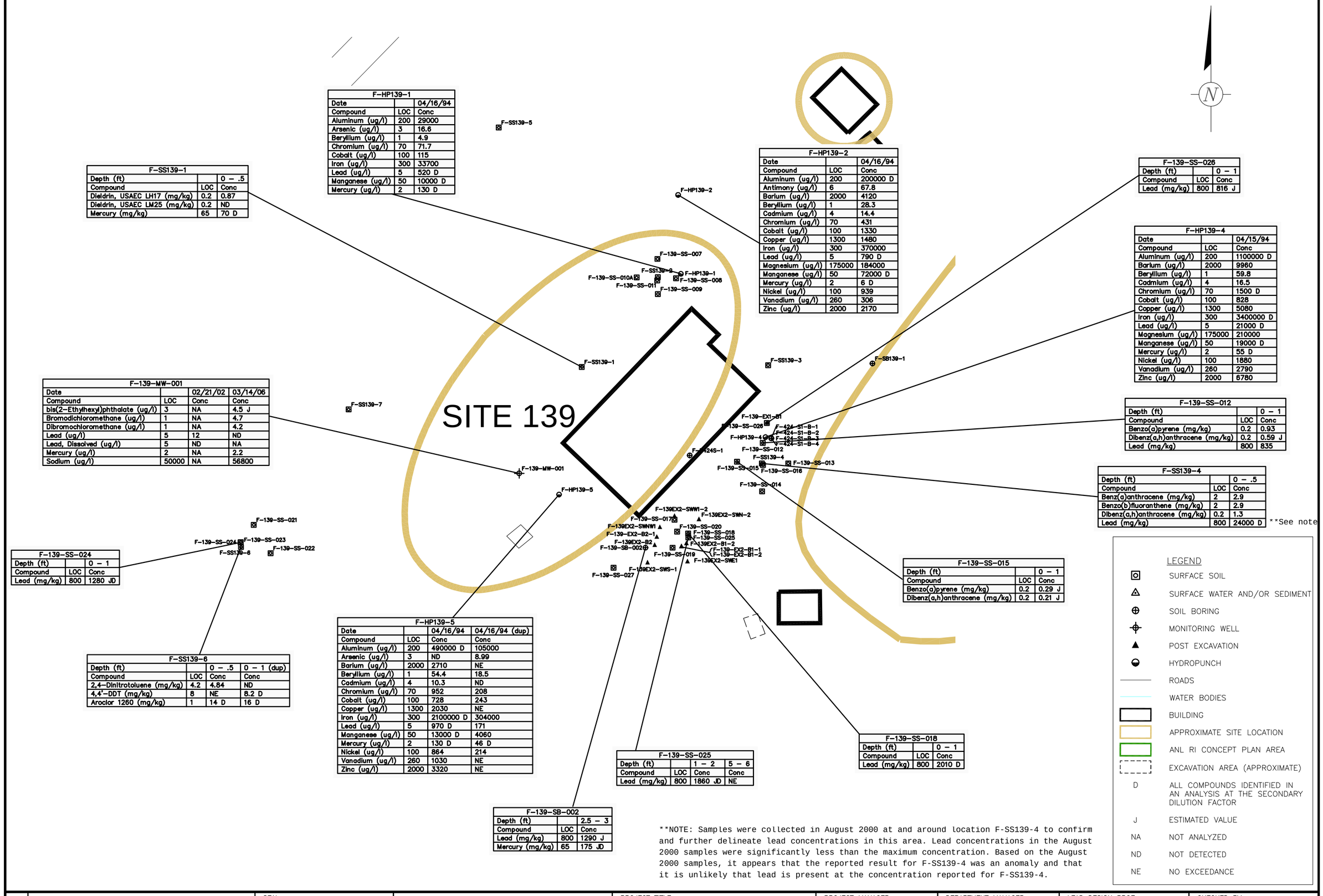
LAYOUT OF PICA 108/RI SITE 139
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M.GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-41



F-HP139-1		
Date		04/16/94
Compound	LOC	Conc
Aluminum (ug/l)	200	29000
Arsenic (ug/l)	3	16.6
Beryllium (ug/l)	1	4.9
Chromium (ug/l)	70	71.7
Cobalt (ug/l)	100	115
Iron (ug/l)	300	33700
Lead (ug/l)	5	520 D
Manganese (ug/l)	50	10000 D
Mercury (ug/l)	2	130 D

F-SS139-1		
Depth (ft)		0 – .5
Compound	LOC	Conc
Dieldrin, USAEC LH17 (mg/kg)	0.2	0.87
Dieldrin, USAEC LM25 (mg/kg)	0.2	ND
Mercury (mg/kg)	65	70 D

F-HP139-2		
Date		04/16/94
Compound	LOC	Conc
Aluminum (ug/l)	200	200000 D
Antimony (ug/l)	6	67.8
Barium (ug/l)	2000	4120
Beryllium (ug/l)	1	28.3
Cadmium (ug/l)	4	14.4
Chromium (ug/l)	70	431
Cobalt (ug/l)	100	1330
Copper (ug/l)	1300	1480
Iron (ug/l)	300	370000
Lead (ug/l)	5	790 D
Magnesium (ug/l)	175000	184000
Manganese (ug/l)	50	72000 D
Mercury (ug/l)	2	6 D
Nickel (ug/l)	100	939
Vanadium (ug/l)	260	306
Zinc (ug/l)	2000	2170

F-139-SS-026		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	816 J

F-HP139-4		
Date		04/15/94
Compound	LOC	Conc
Aluminum (ug/l)	200	1100000 D
Barium (ug/l)	2000	9960
Beryllium (ug/l)	1	59.8
Cadmium (ug/l)	4	16.5
Chromium (ug/l)	70	1500 D
Cobalt (ug/l)	100	828
Copper (ug/l)	1300	5080
Iron (ug/l)	300	3400000 D
Lead (ug/l)	5	21000 D
Magnesium (ug/l)	175000	210000
Manganese (ug/l)	50	19000 D
Mercury (ug/l)	2	55 D
Nickel (ug/l)	100	1880
Vanadium (ug/l)	260	2790
Zinc (ug/l)	2000	6780

F-139-MW-001			
Date		02/21/02	03/14/06
Compound	LOC	Conc	Conc
bis(2-Ethylhexyl)phthalate (ug/l)	3	NA	4.5 J
Bromodichloromethane (ug/l)	1	NA	4.7
Dibromochloromethane (ug/l)	1	NA	4.2
Lead (ug/l)	5	12	ND
Lead, Dissolved (ug/l)	5	ND	NA
Mercury (ug/l)	2	NA	2.2
Sodium (ug/l)	50000	NA	56800

F-139-SS-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.93
Dibenz(a,h)anthracene (mg/kg)	0.2	0.59 J
Lead (mg/kg)	800	835

F-SS139-4		
Depth (ft)		0 – .5
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.9
Benzo(b)fluoranthene (mg/kg)	2	2.9
Dibenz(a,h)anthracene (mg/kg)	0.2	1.3
Lead (mg/kg)	800	24000 D

**See note

F-139-SS-024		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1280 JD

F-139-SS-015		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.29 J
Dibenz(a,h)anthracene (mg/kg)	0.2	0.21 J

F-SS139-6			
Depth (ft)		0 – .5	0 – 1 (dup)
Compound	LOC	Conc	Conc
2,4-Dinitrotoluene (mg/kg)	4.2	4.84	ND
4,4'-DDT (mg/kg)	8	NE	8.2 D
Aroclor 1260 (mg/kg)	1	14 D	16 D

F-HP139-5			
Date		04/16/94	04/16/94 (dup)
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	490000 D	105000
Arsenic (ug/l)	3	ND	8.99
Barium (ug/l)	2000	2710	NE
Beryllium (ug/l)	1	54.4	18.5
Cadmium (ug/l)	4	10.3	ND
Chromium (ug/l)	70	952	208
Cobalt (ug/l)	100	728	243
Copper (ug/l)	1300	2030	NE
Iron (ug/l)	300	2100000 D	304000
Lead (ug/l)	5	970 D	171
Manganese (ug/l)	50	13000 D	4060
Mercury (ug/l)	2	130 D	46 D
Nickel (ug/l)	100	864	214
Vanadium (ug/l)	260	1030	NE
Zinc (ug/l)	2000	3320	NE

F-139-SS-025			
Depth (ft)		1 – 2	5 – 6
Compound	LOC	Conc	Conc
Lead (mg/kg)	800	1860 JD	NE

F-139-SS-018		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	2010 D

F-139-SB-002		
Depth (ft)		2.5 – 3
Compound	LOC	Conc
Lead (mg/kg)	800	1290 J
Mercury (mg/kg)	65	175 JD

**NOTE: Samples were collected in August 2000 at and around location F-SS139-4 to confirm and further delineate lead concentrations in this area. Lead concentrations in the August 2000 samples were significantly less than the maximum concentration. Based on the August 2000 samples, it appears that the reported result for F-SS139-4 was an anomaly and that it is unlikely that lead is present at the concentration reported for F-SS139-4.

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- POST EXCAVATION
- HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)

D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR

J — ESTIMATED VALUE

NA — NOT ANALYZED

ND — NOT DETECTED

NE — NO EXCEEDANCE

0 30
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

ARCADIS
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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES (SOIL & GROUNDWATER) DATA AT PICA 108/RI SITE 139 BUILDING 424

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER
GP06PICA.P011

DRAWING NUMBER
3-42

Acad Version : R17.1s (LMS Tech)
User Name : dfox
Date\Time : Fri, 09 Oct 2009 - 1:06pm
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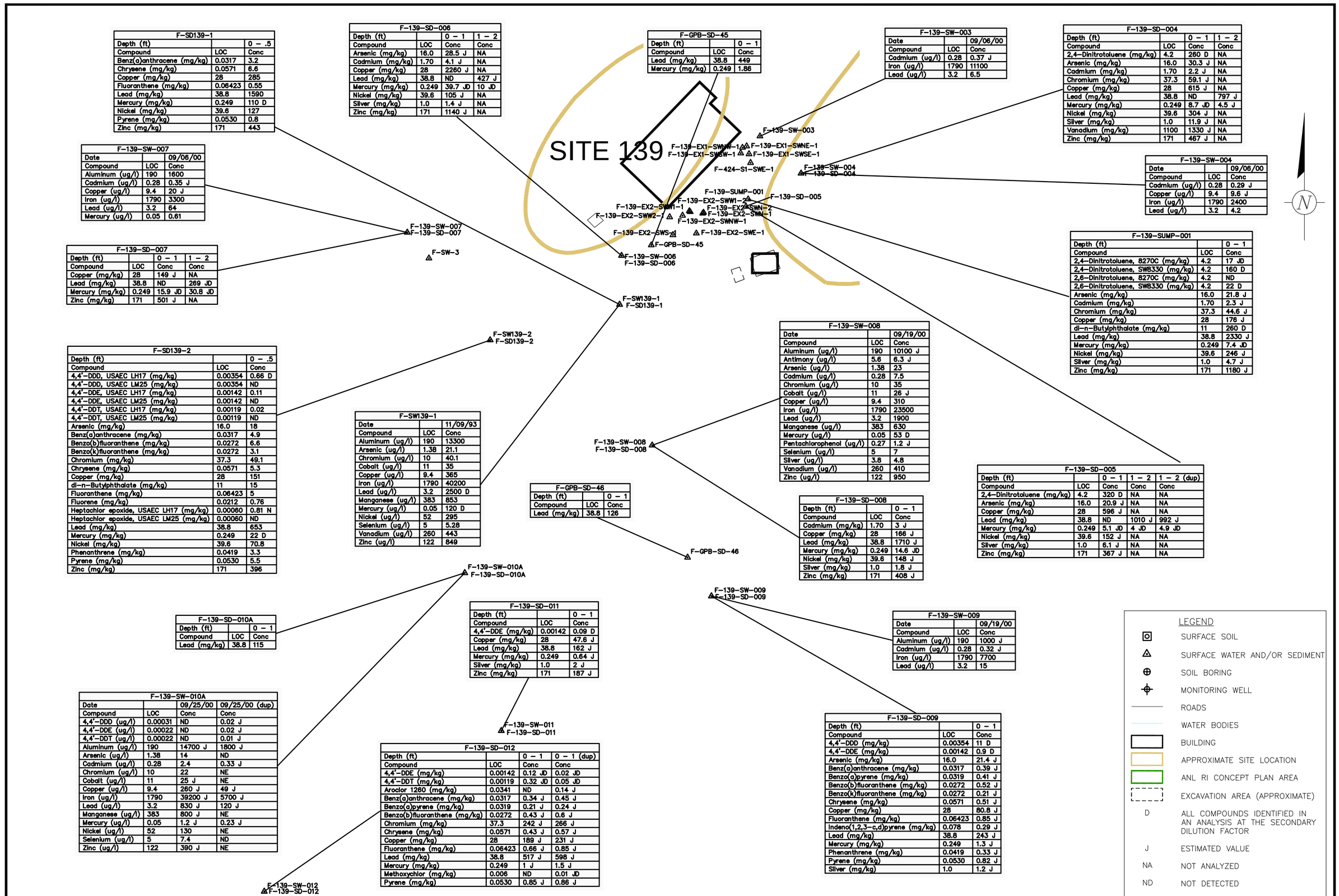

F-SD139-1		0 – .5
Depth (ft)		
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	0.0317	3.2
Chrysene (mg/kg)	0.0571	6.6
Copper (mg/kg)	28	285
Fluoranthene (mg/kg)	0.06423	0.55
Lead (mg/kg)	38.8	1590
Mercury (mg/kg)	0.249	110 D
Nickel (mg/kg)	39.6	127
Pyrene (mg/kg)	0.0530	0.8
Zinc (mg/kg)	171	443

F-139-SD-006		0 – 1	1 – 2
Depth (ft)			
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	16.0	28.5 J	NA
Cadmium (mg/kg)	1.70	4.1 J	NA
Copper (mg/kg)	28	2260 J	NA
Lead (mg/kg)	38.8	ND	427 J
Mercury (mg/kg)	0.249	39.7 JD	10 JD
Nickel (mg/kg)	39.6	105 J	NA
Silver (mg/kg)	1.0	1.4 J	NA
Zinc (mg/kg)	171	1140 J	NA

F-GPB-SD-45		0 – 1
Depth (ft)		
Compound	LOC	Conc
Lead (mg/kg)	38.8	449
Mercury (mg/kg)	0.249	1.86

F-139-SW-003		
Date		09/06/00
Compound	LOC	Conc
Cadmium (ug/l)	0.28	0.37 J
Iron (ug/l)	1790	11100
Lead (ug/l)	3.2	6.5

F-139-SD-004		0 – 1	1 – 2
Depth (ft)			
Compound	LOC	Conc	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	260 D	NA
Arsenic (mg/kg)	16.0	30.3 J	NA
Cadmium (mg/kg)	1.70	2.2 J	NA
Chromium (mg/kg)	37.3	59.1 J	NA
Copper (mg/kg)	28	615 J	NA
Lead (mg/kg)	38.8	ND	797 J
Mercury (mg/kg)	0.249	8.7 JD	4.5 J
Nickel (mg/kg)	39.6	304 J	NA
Silver (mg/kg)	1.0	11.9 J	NA
Vanadium (mg/kg)	1100	1330 J	NA
Zinc (mg/kg)	171	467 J	NA

F-139-SW-004		
Date		09/06/00
Compound	LOC	Conc
Cadmium (ug/l)	0.28	0.29 J
Copper (ug/l)	9.4	9.6 J
Iron (ug/l)	1790	2400
Lead (ug/l)	3.2	4.2

F-139-SW-007		
Date		09/06/00
Compound	LOC	Conc
Aluminum (ug/l)	190	1600
Cadmium (ug/l)	0.28	0.35 J
Copper (ug/l)	9.4	20 J
Iron (ug/l)	1790	3300
Lead (ug/l)	3.2	64
Mercury (ug/l)	0.05	0.61

F-139-SUMP-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene, 8270C (mg/kg)	4.2	17 JD
2,4–Dinitrotoluene, SW8330 (mg/kg)	4.2	160 D
2,6–Dinitrotoluene, 8270C (mg/kg)	4.2	ND
2,6–Dinitrotoluene, SW8330 (mg/kg)	4.2	22 D
Arsenic (mg/kg)	16.0	21.8 J
Cadmium (mg/kg)	1.70	2.3 J
Chromium (mg/kg)	37.3	44.6 J
Copper (mg/kg)	28	176 J
di–n–Butylphthalate (mg/kg)	11	260 D
Lead (mg/kg)	38.8	2330 J
Mercury (mg/kg)	0.249	7.4 JD
Nickel (mg/kg)	39.6	246 J
Silver (mg/kg)	1.0	4.7 J
Zinc (mg/kg)	171	1180 J

F-139-SD-007		0 – 1	1 – 2
Depth (ft)			
Compound	LOC	Conc	Conc
Copper (mg/kg)	28	149 J	NA
Lead (mg/kg)	38.8	ND	269 JD
Mercury (mg/kg)	0.249	15.9 JD	30.8 JD
Zinc (mg/kg)	171	501 J	NA

F-SD139-2		0 – .5
Compound	LOC	Conc
4,4'–DDD, USAEC LH17 (mg/kg)	0.00354	0.66 D
4,4'–DDD, USAEC LM25 (mg/kg)	0.00354	ND
4,4'–DDE, USAEC LH17 (mg/kg)	0.00142	0.11
4,4'–DDE, USAEC LM25 (mg/kg)	0.00142	ND
4,4'–DDT, USAEC LH17 (mg/kg)	0.00119	0.02
4,4'–DDT, USAEC LM25 (mg/kg)	0.00119	ND
Arsenic (mg/kg)	16.0	18
Benz(a)anthracene (mg/kg)	0.0317	4.9
Benzo(b)fluoranthene (mg/kg)	0.0272	6.6
Benzo(k)fluoranthene (mg/kg)	0.0272	3.1
Chromium (mg/kg)	37.3	49.1
Chrysene (mg/kg)	0.0571	5.3
Copper (mg/kg)	28	151
di–n–Butylphthalate (mg/kg)	11	15
Fluoranthene (mg/kg)	0.06423	5
Fluorene (mg/kg)	0.0212	0.76
Heptachlor epoxide, USAEC LH17 (mg/kg)	0.00060	0.81 N
Heptachlor epoxide, USAEC LM25 (mg/kg)	0.00060	ND
Lead (mg/kg)	38.8	653
Mercury (mg/kg)	0.249	22 D
Nickel (mg/kg)	39.6	70.8
Phenanthrene (mg/kg)	0.0419	3.3
Pyrene (mg/kg)	0.0530	5.5
Zinc (mg/kg)	171	396

F-SW139-1		
Date		11/09/93
Compound	LOC	Conc
Aluminum (ug/l)	190	13300
Arsenic (ug/l)	1.38	21.1
Chromium (ug/l)	10	40.1
Cobalt (ug/l)	11	35
Copper (ug/l)	9.4	365
Iron (ug/l)	1790	40200
Lead (ug/l)	3.2	2500 D
Manganese (ug/l)	383	853
Mercury (ug/l)	0.05	120 D
Nickel (ug/l)	52	295
Selenium (ug/l)	5	5.28
Vanadium (ug/l)	260	443
Zinc (ug/l)	122	849

F-139-SW-008		
Date		09/19/00
Compound	LOC	Conc
Aluminum (ug/l)	190	10100 J
Antimony (ug/l)	5.6	6.3 J
Arsenic (ug/l)	1.38	23
Cadmium (ug/l)	0.28	7.5
Chromium (ug/l)	10	35
Cobalt (ug/l)	11	26 J
Copper (ug/l)	9.4	310
Iron (ug/l)	1790	23500
Lead (ug/l)	3.2	1900
Manganese (ug/l)	383	630
Mercury (ug/l)	0.05	53 D
Pentachlorophenol (ug/l)	0.27	1.2 J
Selenium (ug/l)	5	7
Silver (ug/l)	3.8	4.8
Vanadium (ug/l)	260	410
Zinc (ug/l)	122	950

F-139-SD-005		0 – 1	1 – 2	1 – 2 (dup)
Depth (ft)				
Compound	LOC	Conc	Conc	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	320 D	NA	NA
Arsenic (mg/kg)	16.0	20.9 J	NA	NA
Copper (mg/kg)	28	596 J	NA	NA
Lead (mg/kg)	38.8	ND	1010 J	992 J
Mercury (mg/kg)	0.249	5.1 JD	4 JD	4.9 JD
Nickel (mg/kg)	39.6	152 J	NA	NA
Silver (mg/kg)	1.0	6.1 J	NA	NA
Zinc (mg/kg)	171	367 J	NA	NA

F-GPB-SD-46		0 – 1
Depth (ft)		
Compound	LOC	Conc
Lead (mg/kg)	38.8	126

F-139-SD-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	1.70	3 J
Copper (mg/kg)	28	166 J
Lead (mg/kg)	38.8	1710 J
Mercury (mg/kg)	0.249	14.6 JD
Nickel (mg/kg)	39.6	148 J
Silver (mg/kg)	1.0	1.8 J
Zinc (mg/kg)	171	408 J

F-139-SW-010A			
Date		09/25/00	09/25/00 (dup)
Compound	LOC	Conc	Conc
4,4'–DDD (ug/l)	0.00031	ND	0.02 J
4,4'–DDE (ug/l)	0.00022	ND	0.02 J
4,4'–DDT (ug/l)	0.00022	ND	0.01 J
Aluminum (ug/l)	190	14700 J	1800 J
Arsenic (ug/l)	1.38	14	ND
Cadmium (ug/l)	0.28	2.4	0.33 J
Chromium (ug/l)	10	22	NE
Cobalt (ug/l)	11	25 J	NE
Copper (ug/l)	9.4	260 J	49 J
Iron (ug/l)	1790	39200 J	5700 J
Lead (ug/l)	3.2	830 J	120 J
Manganese (ug/l)	383	800 J	NE
Mercury (ug/l)	0.05	1.2 J	0.23 J
Nickel (ug/l)	52	130	NE
Selenium (ug/l)	5	7.4	ND
Zinc (ug/l)	122	390 J	NE

F-139-SW-009		
Date		09/19/00
Compound	LOC	Conc
Aluminum (ug/l)	190	1000 J
Cadmium (ug/l)	0.28	0.32 J
Iron (ug/l)	1790	7700
Lead (ug/l)	3.2	15

F-139-SD-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	38.8	115

F-139-SD-011		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'–DDE (mg/kg)	0.00142	0.09 D
Copper (mg/kg)	28	47.6 J
Lead (mg/kg)	38.8	162 J
Mercury (mg/kg)	0.249	0.64 J
Silver (mg/kg)	1.0	2 J
Zinc (mg/kg)	171	187 J

F-139-SD-012			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
4,4'–DDE (mg/kg)	0.00142	0.12 JD	0.02 JD
4,4'–DDT (mg/kg)	0.00119	0.32 JD	0.05 JD
Aroclor 1260 (mg/kg)	0.0341	ND	0.14 J
Benz(a)anthracene (mg/kg)	0.0317	0.34 J	0.45 J
Benzo(a)pyrene (mg/kg)	0.0319	0.21 J	0.24 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.43 J	0.6 J
Chromium (mg/kg)	37.3	242 J	266 J
Chrysene (mg/kg)	0.0571	0.43 J	0.57 J
Copper (mg/kg)	28	189 J	231 J
Fluoranthene (mg/kg)	0.06423	0.66 J	0.85 J
Lead (mg/kg)	38.8	517 J	598 J
Mercury (mg/kg)	0.249	1 J	1.5 J
Methoxychlor (mg/kg)	0.006	ND	0.01 JD
Pyrene (mg/kg)	0.0530	0.85 J	0.86 J

F-139-SD-009		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'–DDD (mg/kg)	0.00354	11 D
4,4'–DDE (mg/kg)	0.00142	0.9 D
Arsenic (mg/kg)	16.0	21.4 J
Benz(a)anthracene (mg/kg)	0.0317	0.39 J
Benzo(a)pyrene (mg/kg)	0.0319	0.41 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.52 J
Benzo(k)fluoranthene (mg/kg)	0.0272	0.21 J
Chrysene (mg/kg)	0.0571	0.51 J
Copper (mg/kg)	28	80.8 J
Fluoranthene (mg/kg)	0.06423	0.85 J
Indeno(1,2,3–c,d)pyrene (mg/kg)	0.078	0.29 J
Lead (mg/kg)	38.8	243 J
Mercury (mg/kg)	0.249	1.3 J
Phenanthrene (mg/kg)	0.0419	0.33 J
Pyrene (mg/kg)	0.0530	0.82 J
Silver (mg/kg)	1.0	1.2 J

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)

D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR

J — ESTIMATED VALUE

NA — NOT ANALYZED

ND — NOT DETECTED

NE — NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

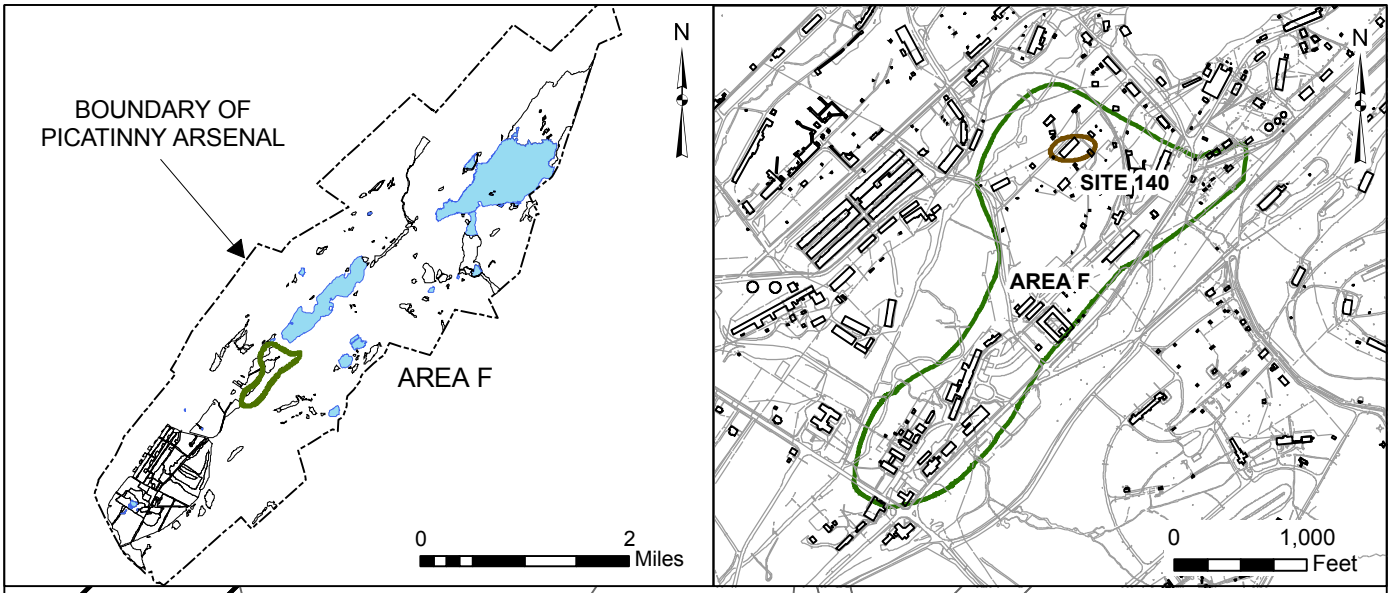
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

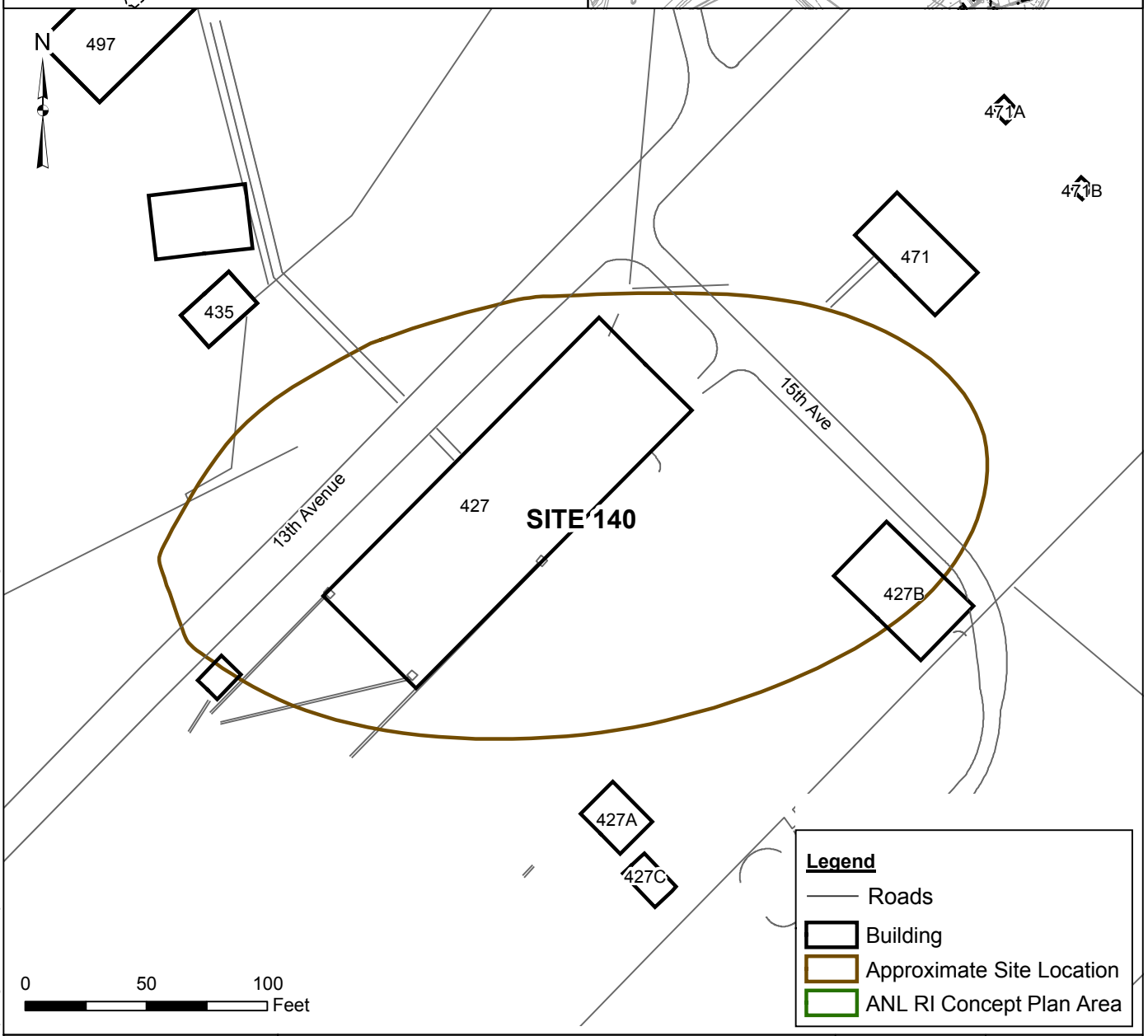
SHEET TITLE

HISTORICAL LOC EXCEEDENCES (SEDIMENT & SURFACE WATER) DATA AT PICA 108/RI SITE 139 BUILDING 424

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-43





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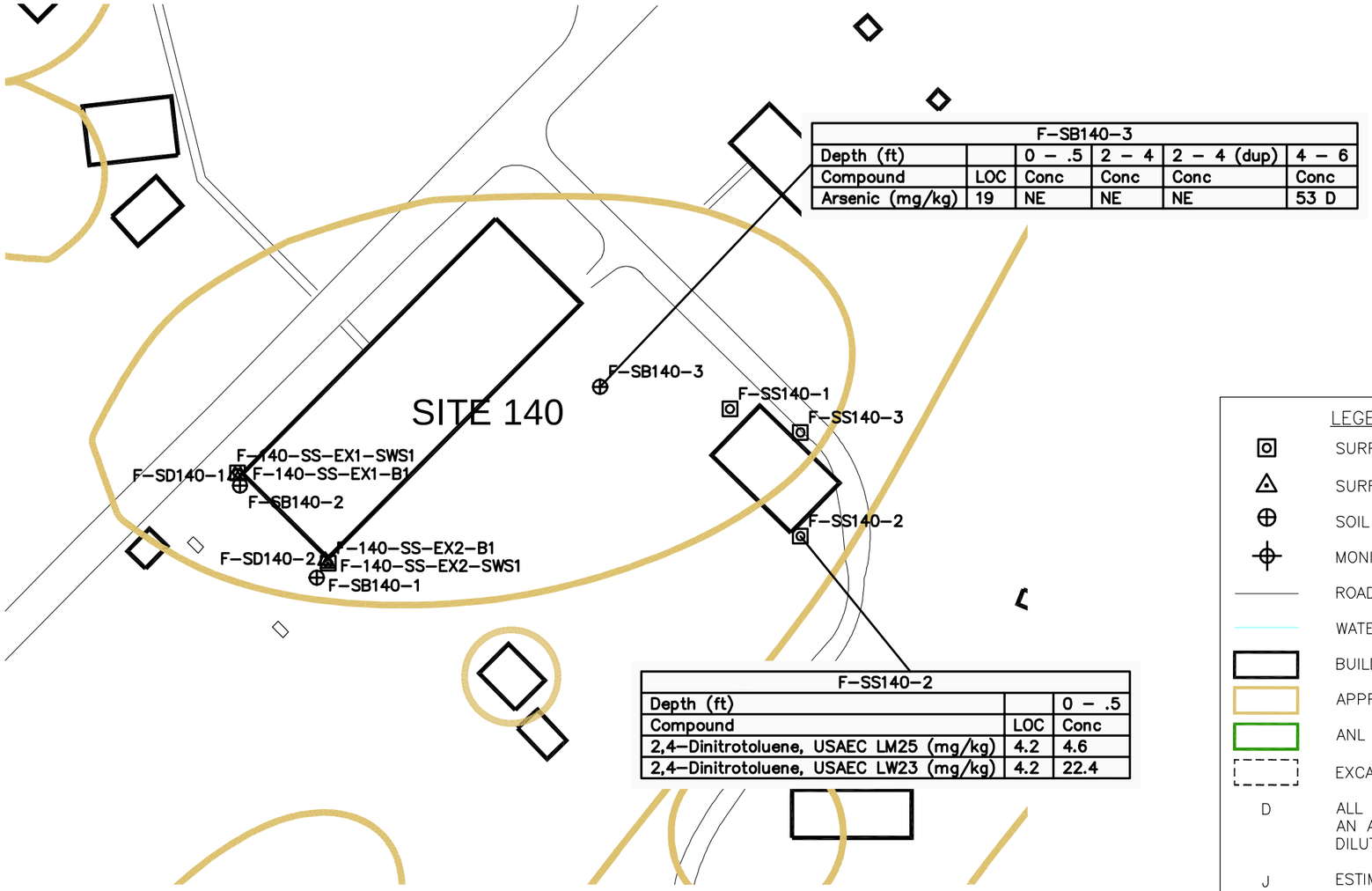
LAYOUT OF PICA 108/RI SITE 140
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-44



F-SB140-3					
Depth (ft)		0 – .5	2 – 4	2 – 4 (dup)	4 – 6
Compound	LOC	Conc	Conc	Conc	Conc
Arsenic (mg/kg)	19	NE	NE	NE	53 D

F-SS140-2		
Depth (ft)		0 – .5
Compound	LOC	Conc
2,4-Dinitrotoluene, USAEC LM25 (mg/kg)	4.2	4.6
2,4-Dinitrotoluene, USAEC LW23 (mg/kg)	4.2	22.4

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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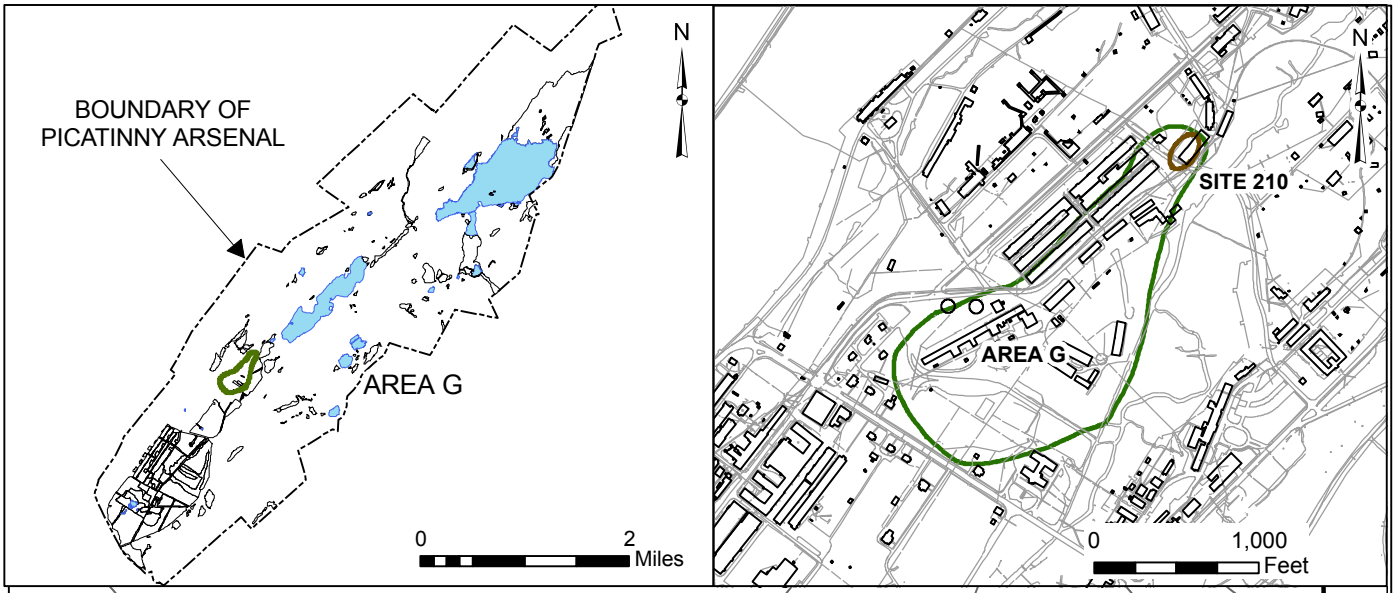
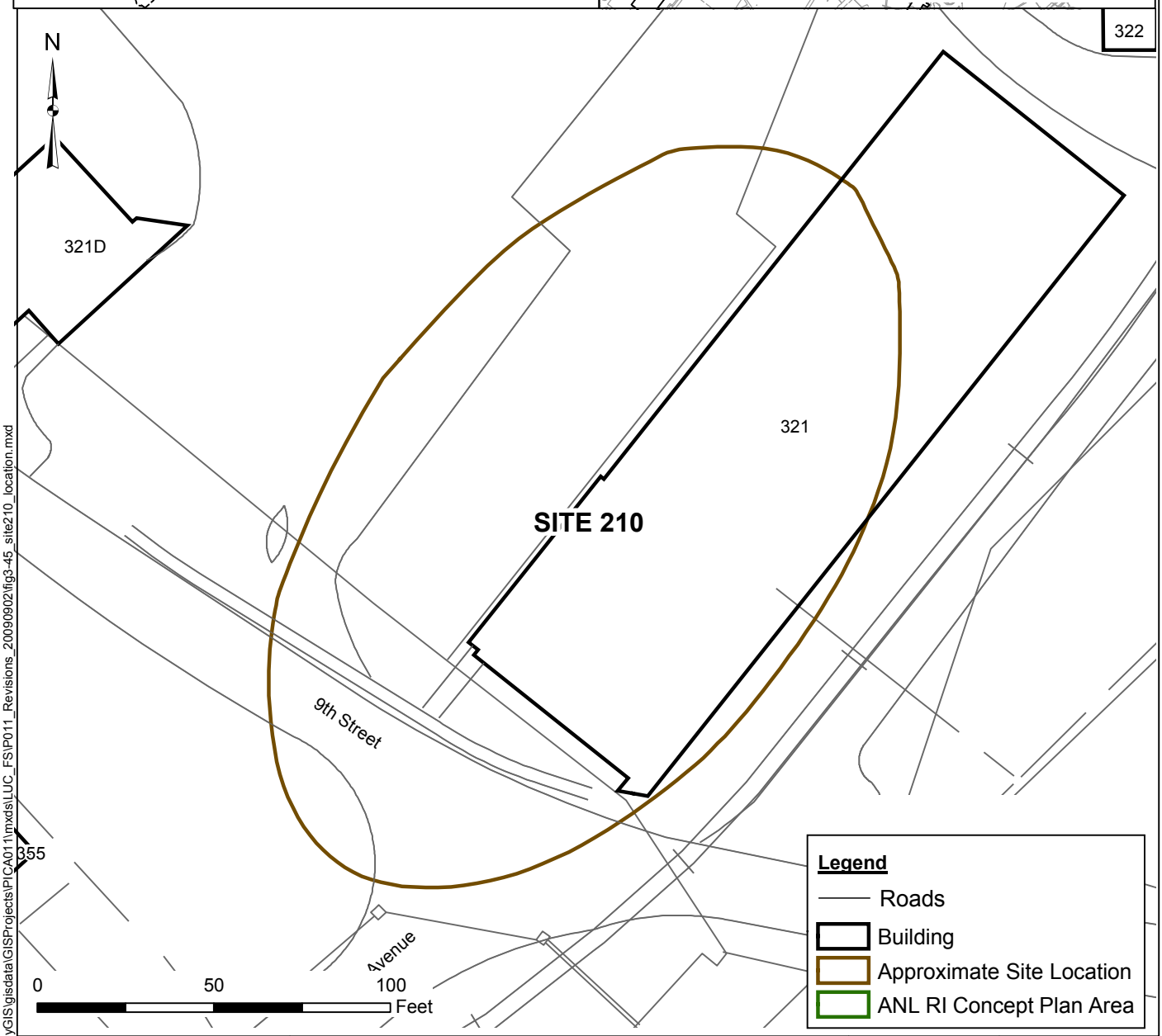
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 108/RI SITE 140 BUILDINGS 427 & 427 B PROPELLANT PRODUCTION

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-45





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LAYOUT OF PICA 108/RI SITE 210
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-46

Acad Version : R17.1s (LMS Tech)
User Name : AFOX

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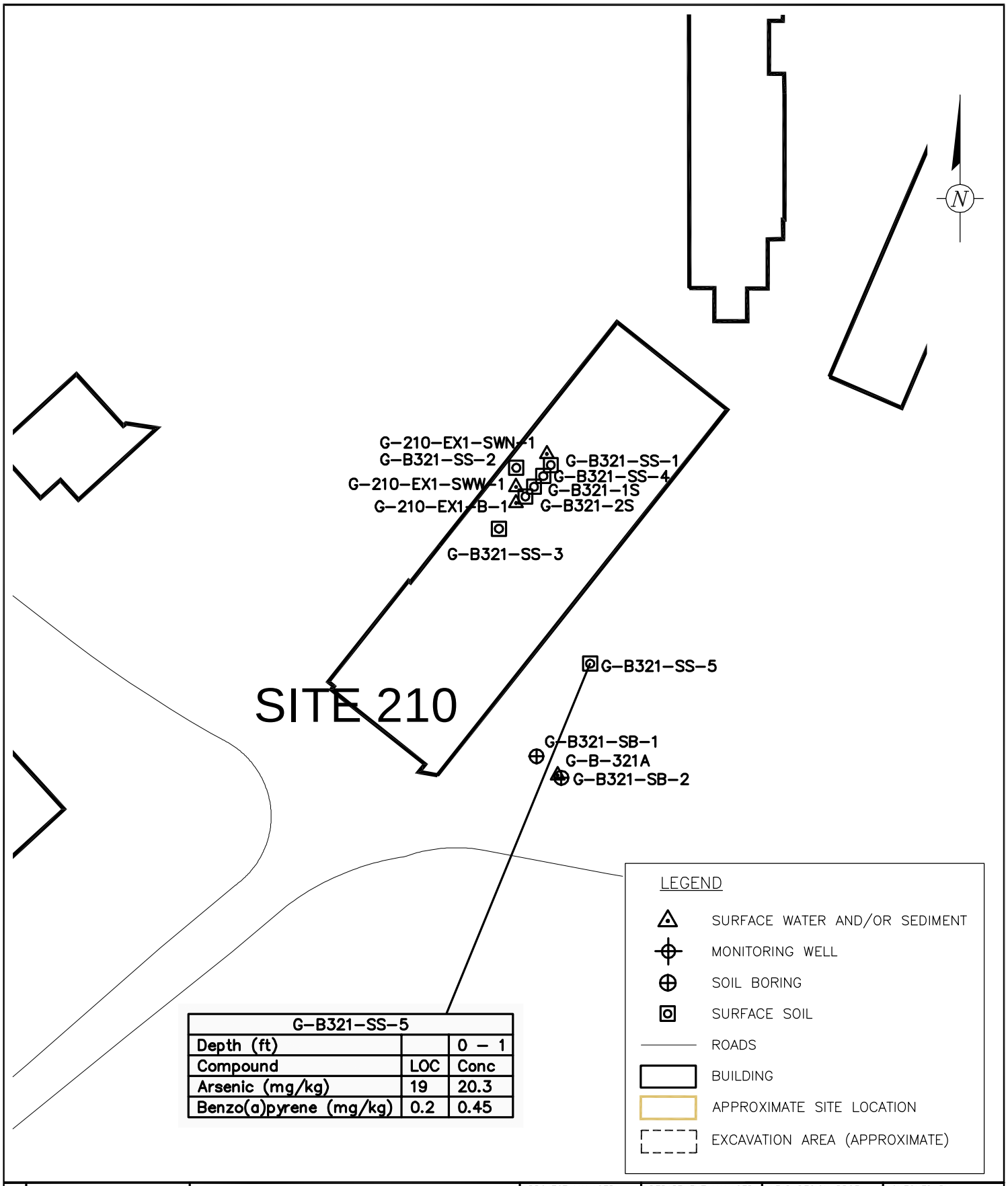

G-B321-SS-5		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	20.3
Benzo(a)pyrene (mg/kg)	0.2	0.45

0 60
SCALE IN FEET

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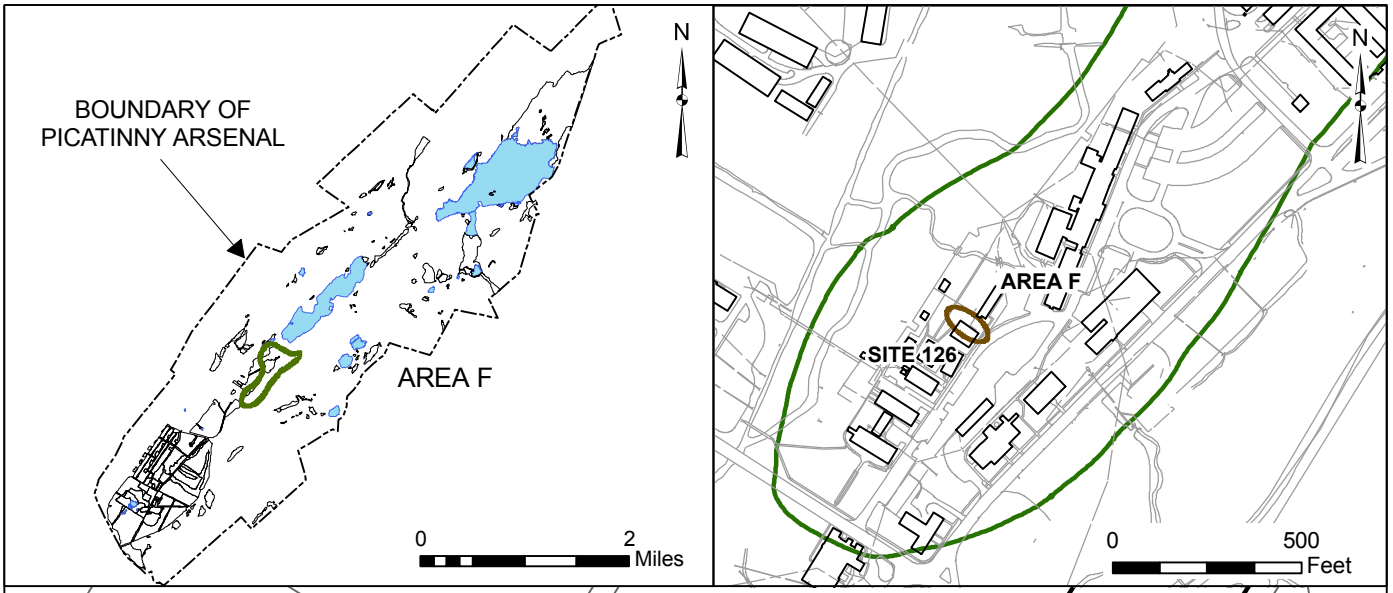
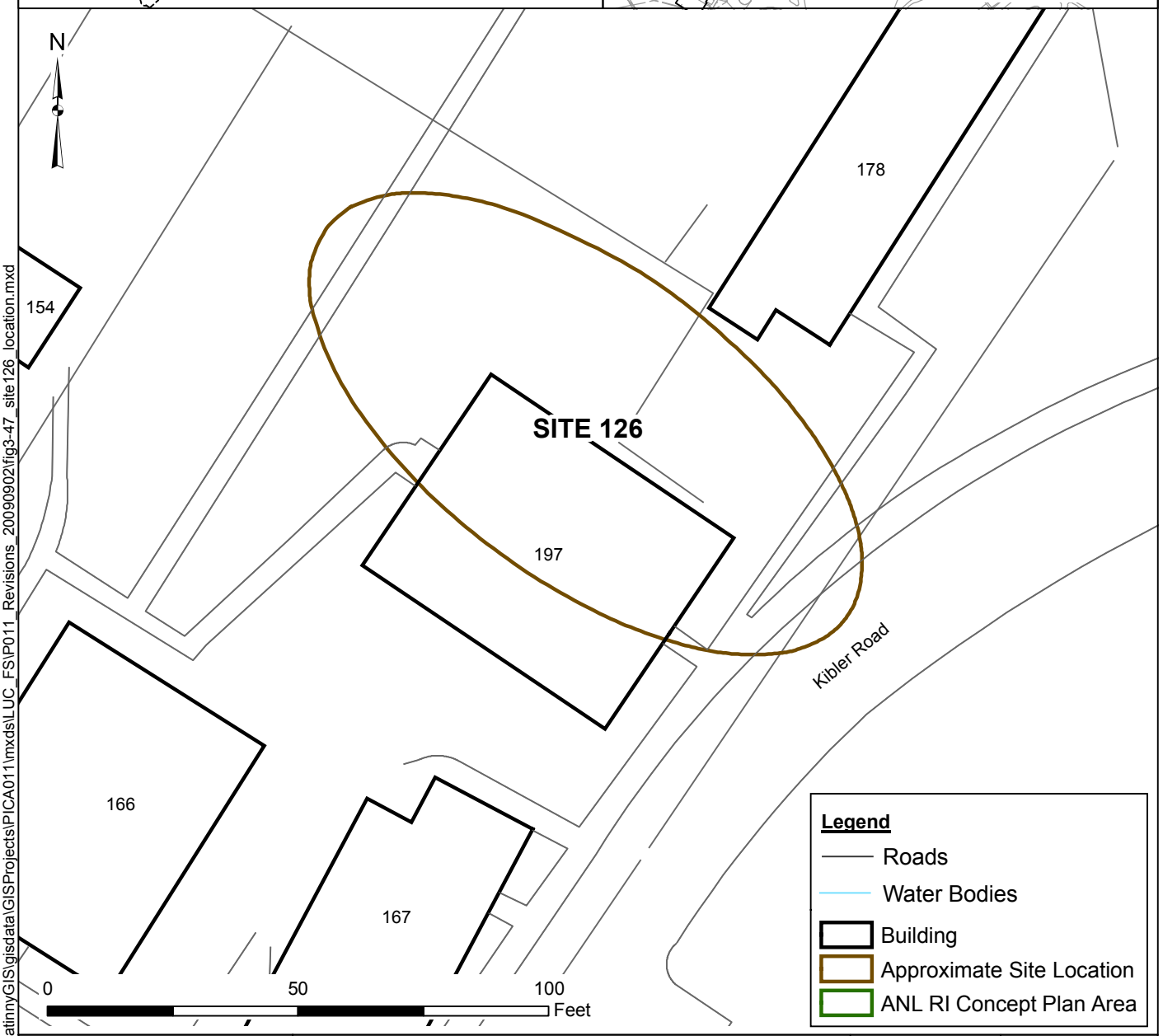
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 108/RI SITE 210 BUILDING 321, ADMINISTRATION OFFICES

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-47





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LAYOUT OF PICA 122/RI SITE 126
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-48

F-126-SS-025			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	1980 D	NE

F-126-SS-026		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	78	378 D

F-126-SS-031		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	78	172

F-126-SS-028		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	78	587 D

F-126-SS-011			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	250	252 J

F-126-SS-020			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	148	NE

F-126-SS-019			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	156	NE

F-126-SS-022			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	124	NE

F-126-SS-033		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	78	139

F-126-SS-021			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	95.1	NE

F-126-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	78	90.7 J

F-126-SS-018			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	122	NE

F-126-SS-029A
F-126-SS-030
F-126-SS-025A/B
F-126-SS-031
F-126-SS-027
F-126-SS-028A
F-126-SS-026A
F-126-SS-032
F-126-SS-020A/B
F-126-SS-009
F-126-SS-033
F-126-SS-013
F-126-SS-023A/B
F-126-SS-006
F-126-SS-019A/B
F-126-SS-022A/B
F-126-SS-007
F-126-SS-021A/B
F-126-SS-008
F-126-SS-018A/B
F-SS126-1A/B
F-126-SS-017A/B
F-126-SS-016
F-126-SS-005
F-126-SS-014
F-126-SS-015
F-SS126-3
F-SS126-4
SITE 126

F-SS126-1		
Depth (ft)		0 – .5
Compound	LOC	Conc
Arsenic (mg/kg)	19	29.7

F-126-SS-016			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	81.4	NE

F-126-SS-017			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	491 D	115

F-SS126-3		
Depth (ft)		0 – .5
Compound	LOC	Conc
Dieldrin, USAEC LH17 (mg/kg)	0.2	0.25 N
Dieldrin, USAEC LM25 (mg/kg)	0.2	ND

F-SS126-2		
Depth (ft)		0 – .5
Compound	LOC	Conc
Cadmium (mg/kg)	78	122
Chromium (mg/kg)	200	2200 D

F-126-SS-014		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	78	263 J

F-126-SS-010A			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Cadmium (mg/kg)	78	171 J	133 J

LEGEND

- SURFACE SOIL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

Acad Version : R17.1s (LMS Tech)
User Name : AFOX

Date\Time : Fri, 25 Sep 2009 – 10:09am
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0 20
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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PROJECT TITLE

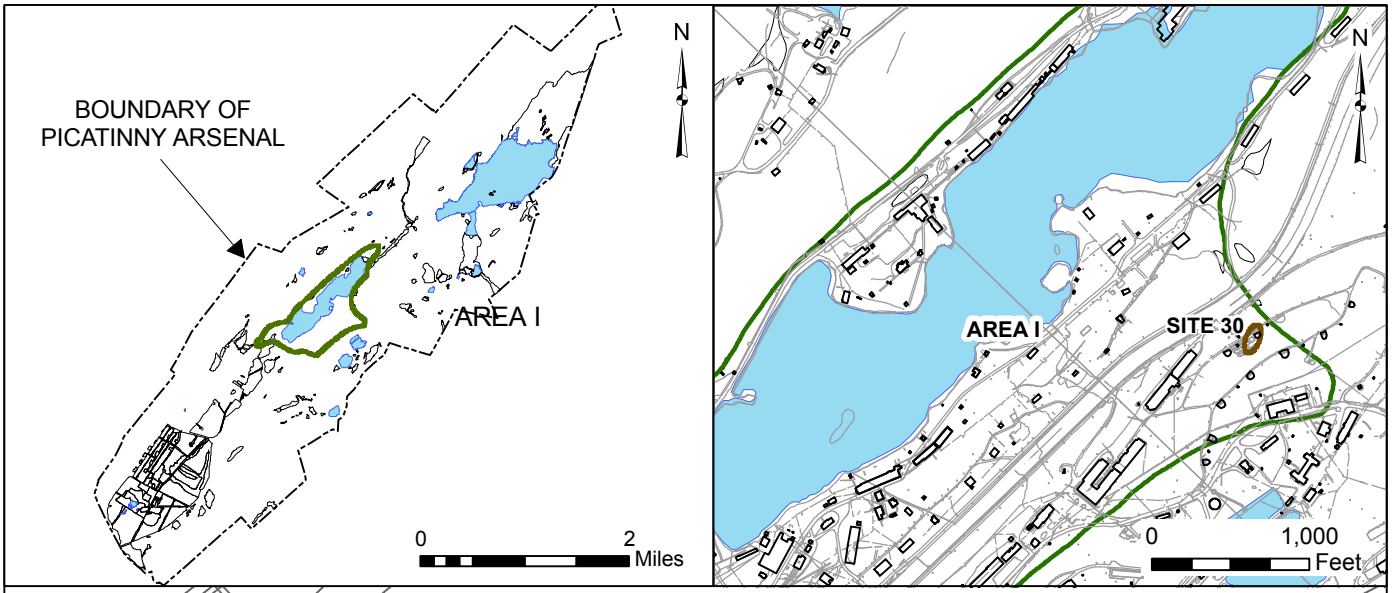
PICATINNY ARSENAL
NEW JERSEY

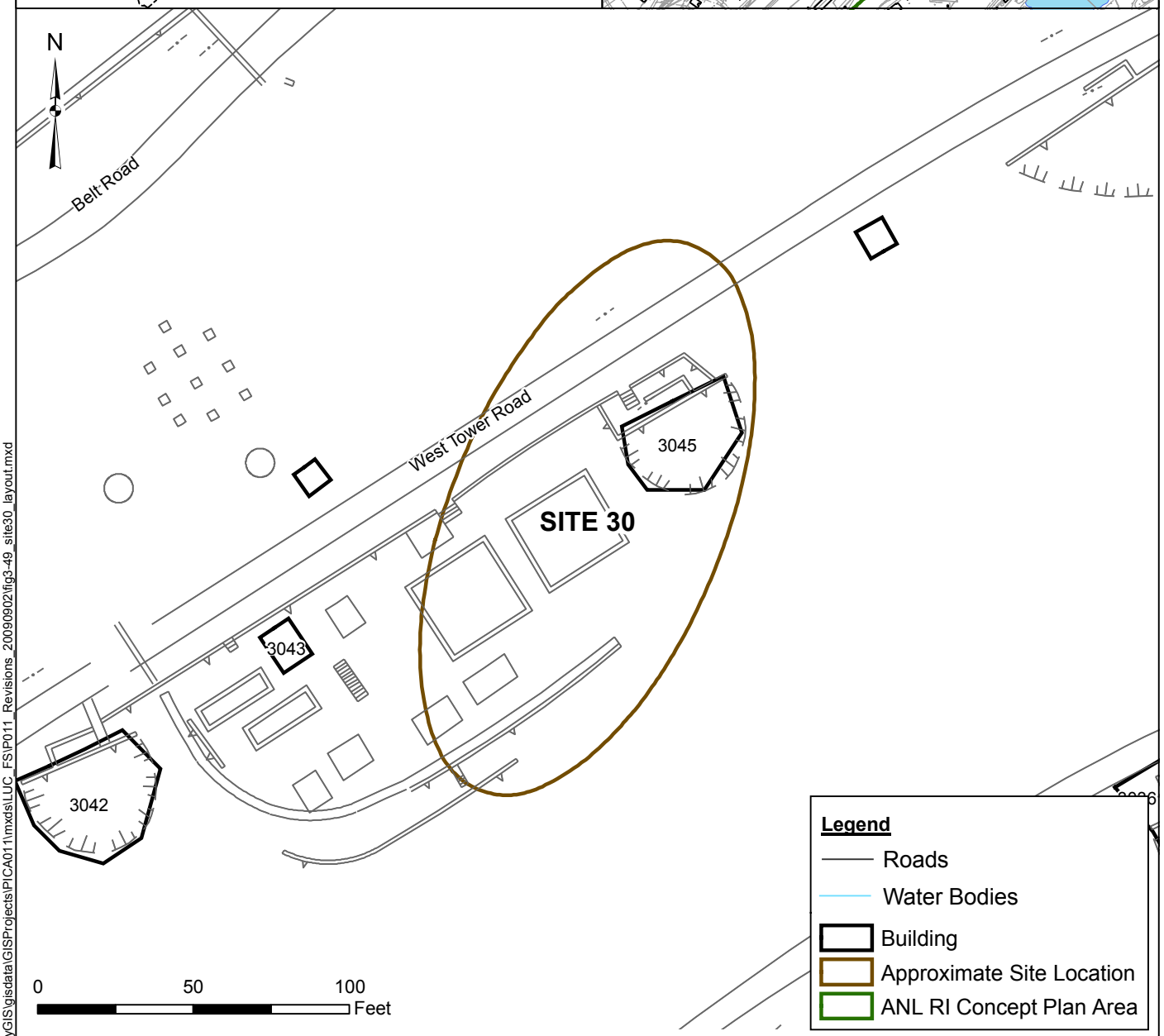
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 122/RI SITE 126 BUILDING 197 PROPELLANT TESTING

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-49





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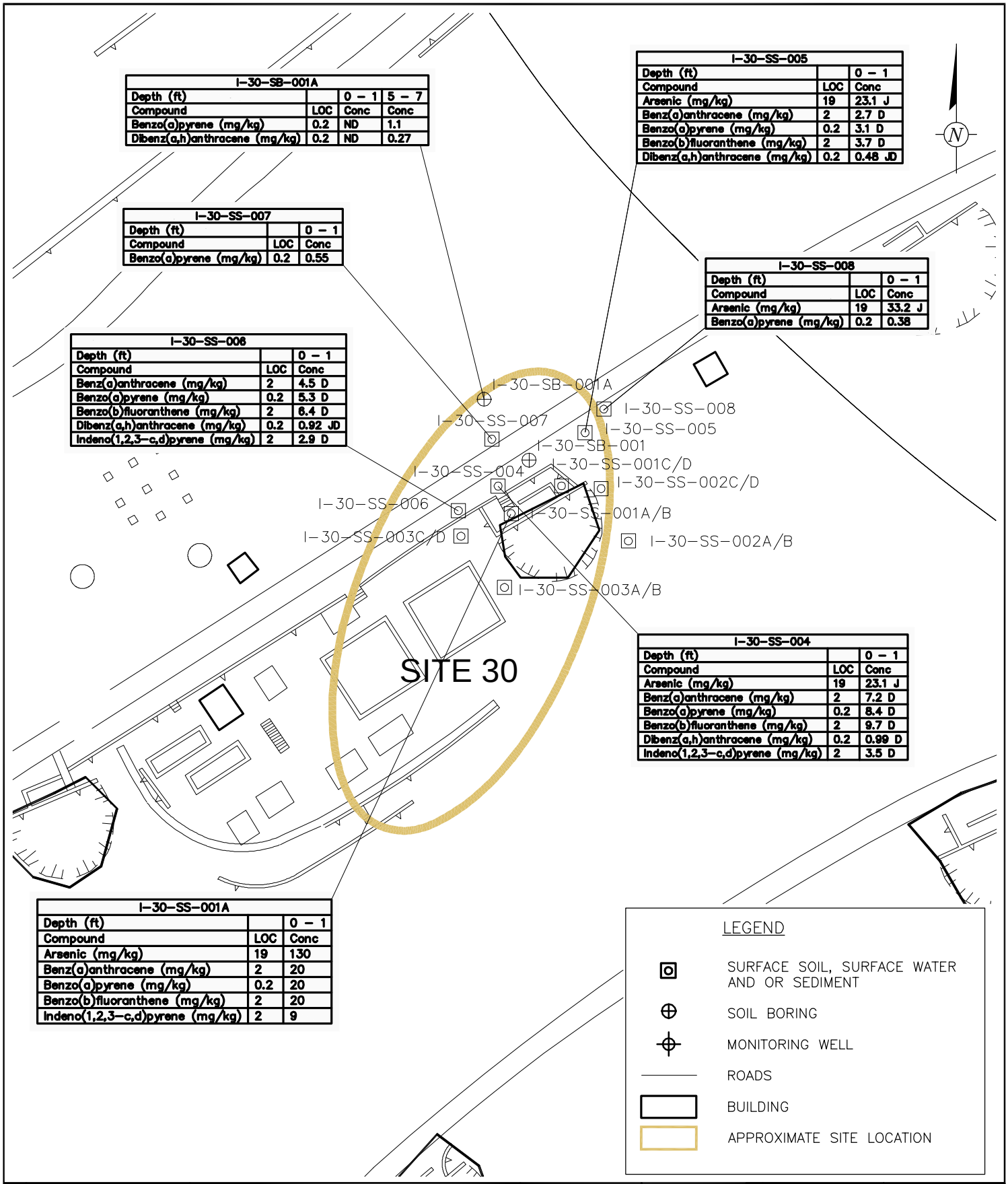
LAYOUT OF PICA 134/RI SITE 30
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-50

Acad Version : R17.1s (LMS Tech)
User Name : AFOX

Date\Time : Fri, 25 Sep 2009 - 10:12am
Path\Name : G:\ENVCAD\BRIGHTON\ACT\Picatinny\Picatinny 011\Site_030\Site30-Fig3.dwg - Layout Tab : FIGURE3



I-30-SB-001A			
Depth (ft)		0 - 1	5 - 7
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	ND	1.1
Dibenz(a,h)anthracene (mg/kg)	0.2	ND	0.27

I-30-SS-005		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	23.1 J
Benz(a)anthracene (mg/kg)	2	2.7 D
Benzo(a)pyrene (mg/kg)	0.2	3.1 D
Benzo(b)fluoranthene (mg/kg)	2	3.7 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.48 JD

I-30-SS-007		
Depth (ft)		0 - 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.55

I-30-SS-008		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	33.2 J
Benzo(a)pyrene (mg/kg)	0.2	0.38

I-30-SS-006		
Depth (ft)		0 - 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	4.5 D
Benzo(a)pyrene (mg/kg)	0.2	5.3 D
Benzo(b)fluoranthene (mg/kg)	2	6.4 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.92 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	2.9 D

I-30-SS-004		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	23.1 J
Benz(a)anthracene (mg/kg)	2	7.2 D
Benzo(a)pyrene (mg/kg)	0.2	8.4 D
Benzo(b)fluoranthene (mg/kg)	2	9.7 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.99 D
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	3.5 D

I-30-SS-001A		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	130
Benz(a)anthracene (mg/kg)	2	20
Benzo(a)pyrene (mg/kg)	0.2	20
Benzo(b)fluoranthene (mg/kg)	2	20
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	9

LEGEND

- SURFACE SOIL, SURFACE WATER AND OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- BUILDING
- APPROXIMATE SITE LOCATION

0 50
SCALE IN FEET

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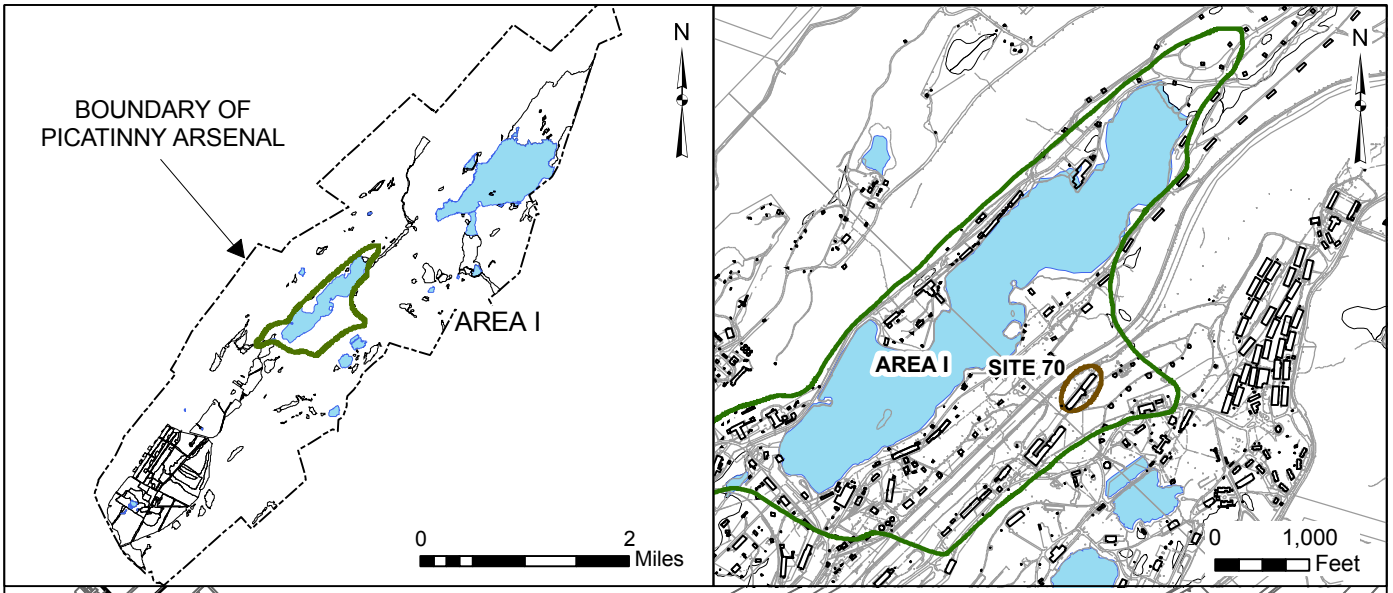
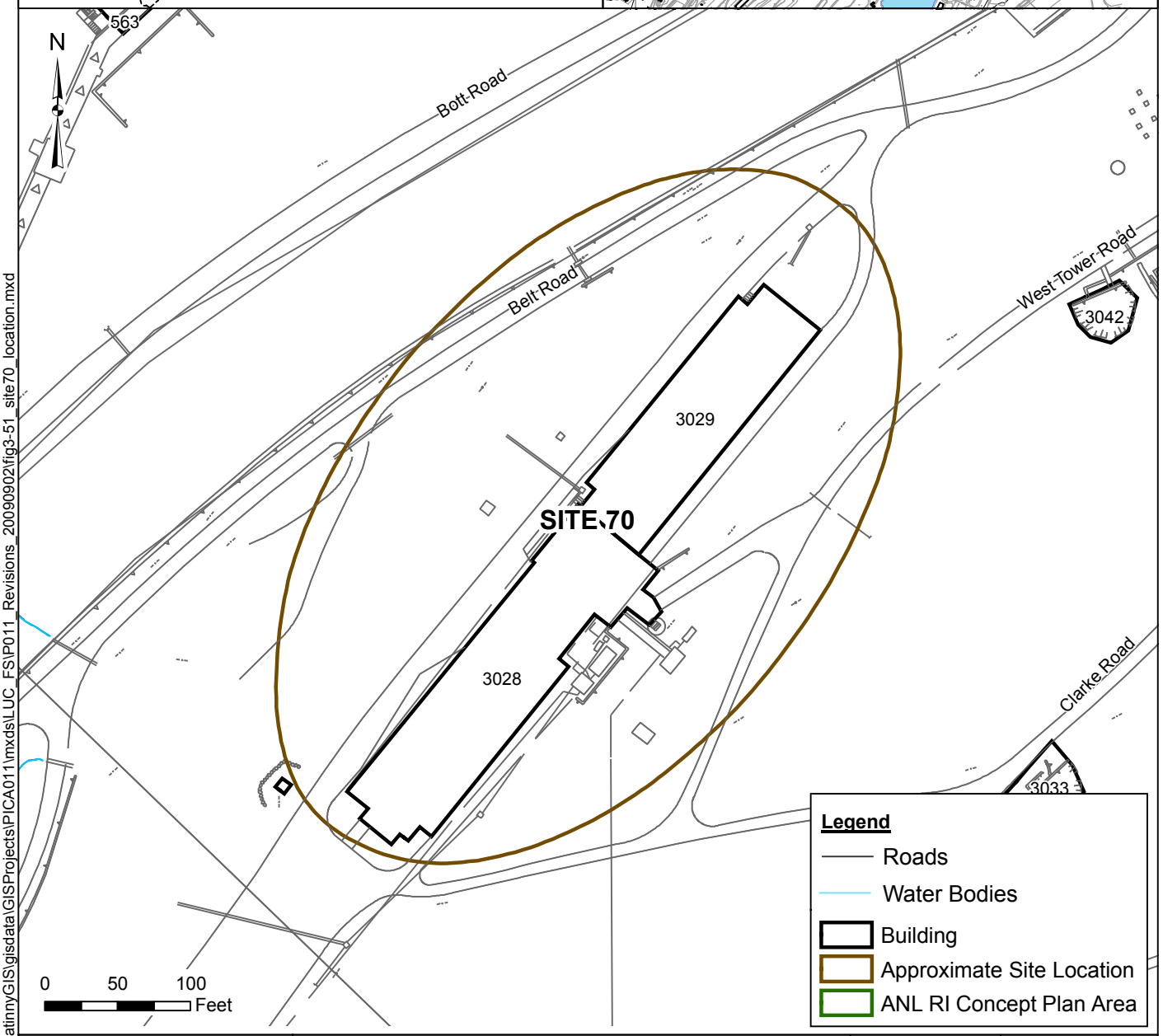
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
HISTORICAL LOC EXCEEDENCES DATA AT PICA 134/RI SITE 30 BUILDING 3045 FLUOROCHEMICALS STORAGE		T. LLEWELLYN	A. FOX
		PROJECT NUMBER	DRAWING NUMBER
		GP06PICA.P011	3-51





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LAYOUT OF PICA 134/RI SITE 70
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-52

Acad Version : R17.1s (LMS Tech)
User Name : AFOX

Date\Time : Fri, 25 Sep 2009 - 10:14am
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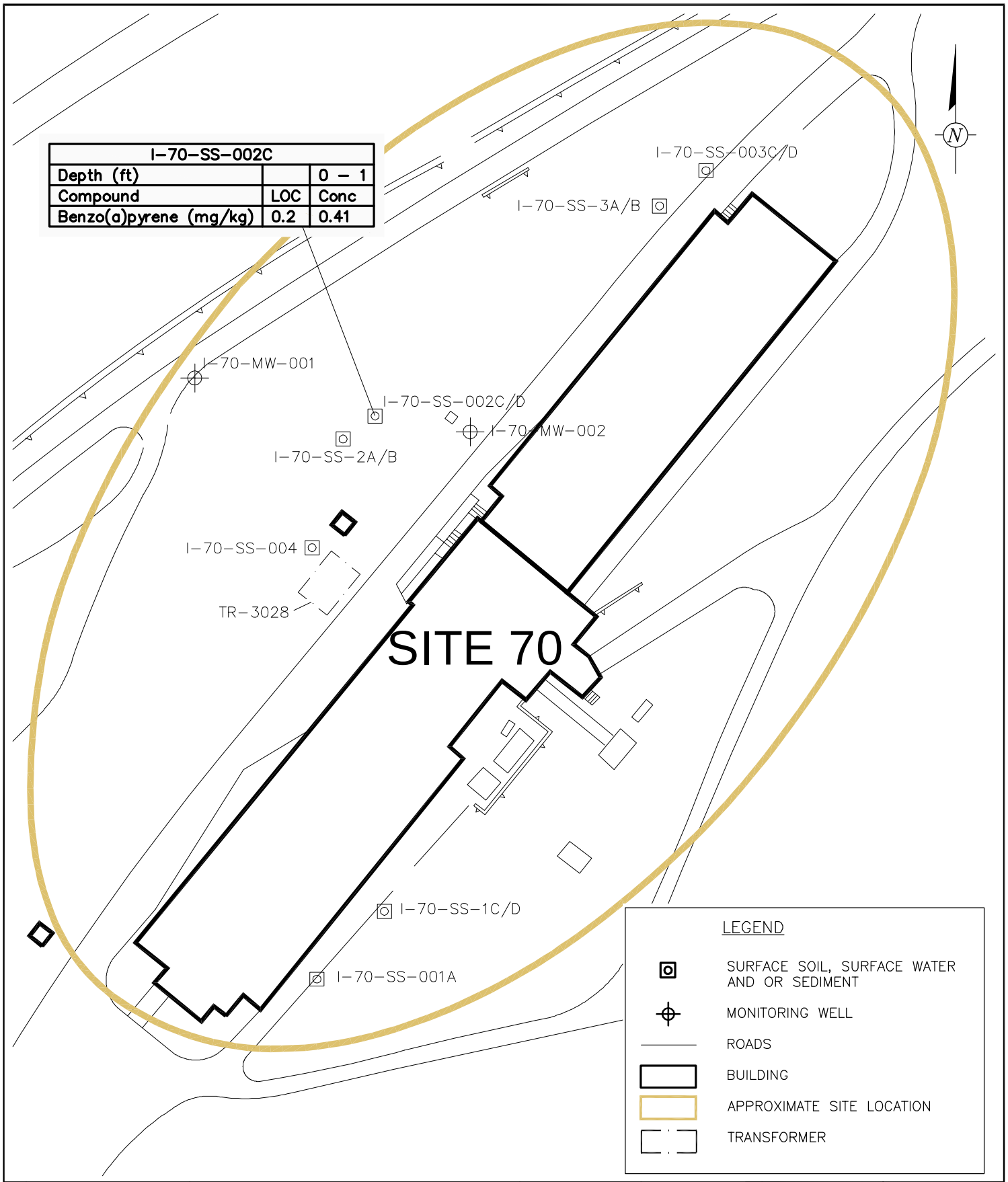

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SCALE IN FEET

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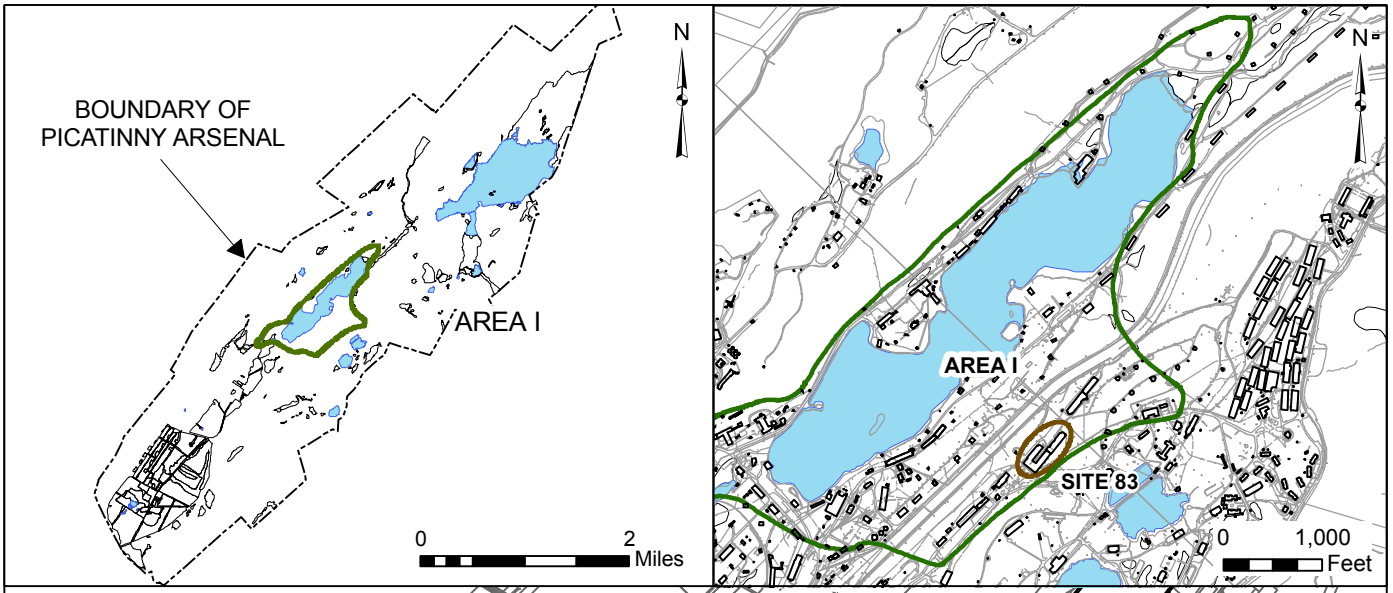
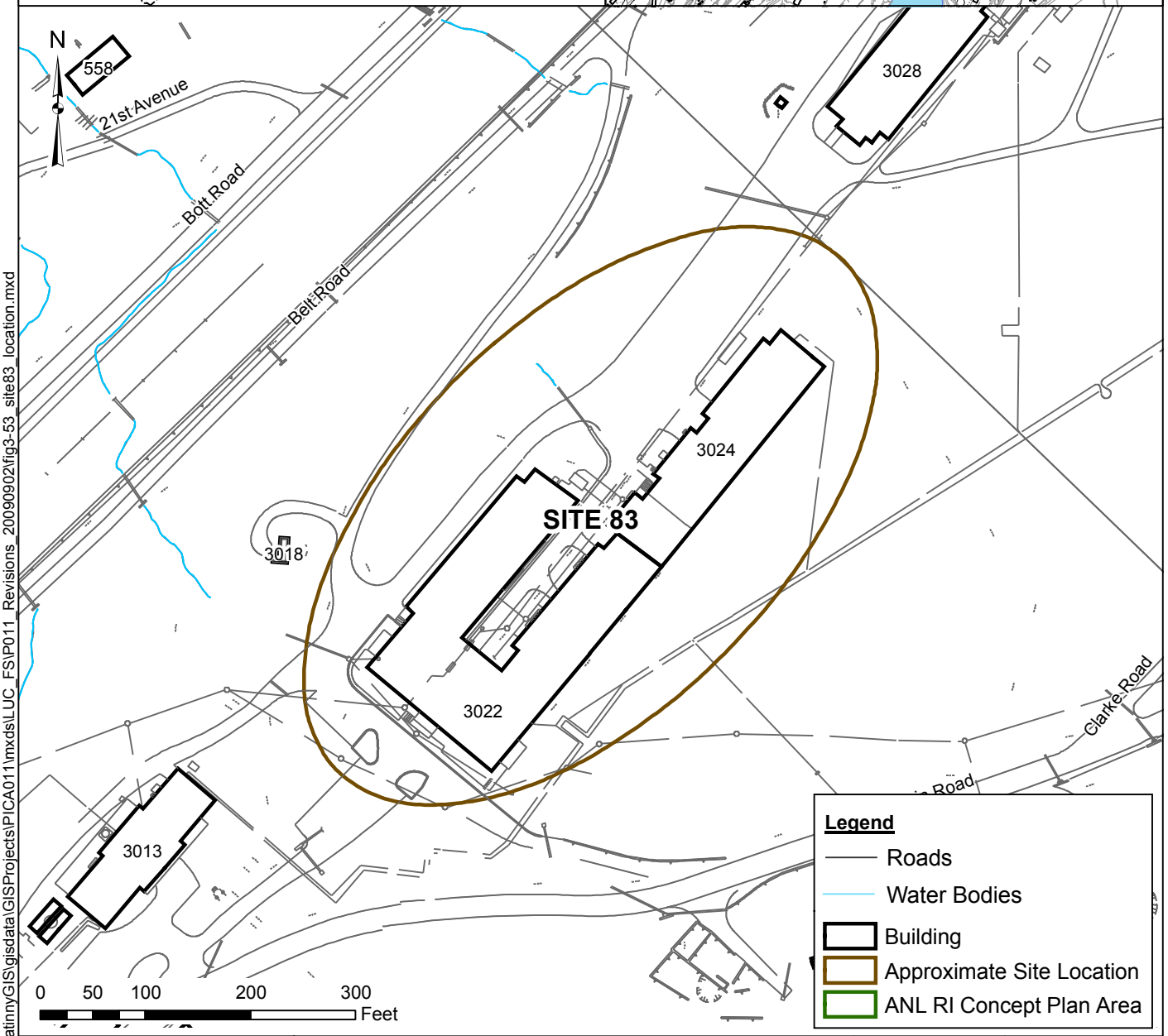
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 134/RI SITE 70 BUILDINGS 3028 & 3029 R & D LAB/CHEM STORAGE		TASK/PHASE NUMBER: EA001	DRAWN BY: A. FOX
		PROJECT NUMBER: GP06PICA.P011	DRAWING NUMBER: 3-53





Legend

- Roads
- Water Bodies
- Building
- Approximate Site Location
- ANL RI Concept Plan Area

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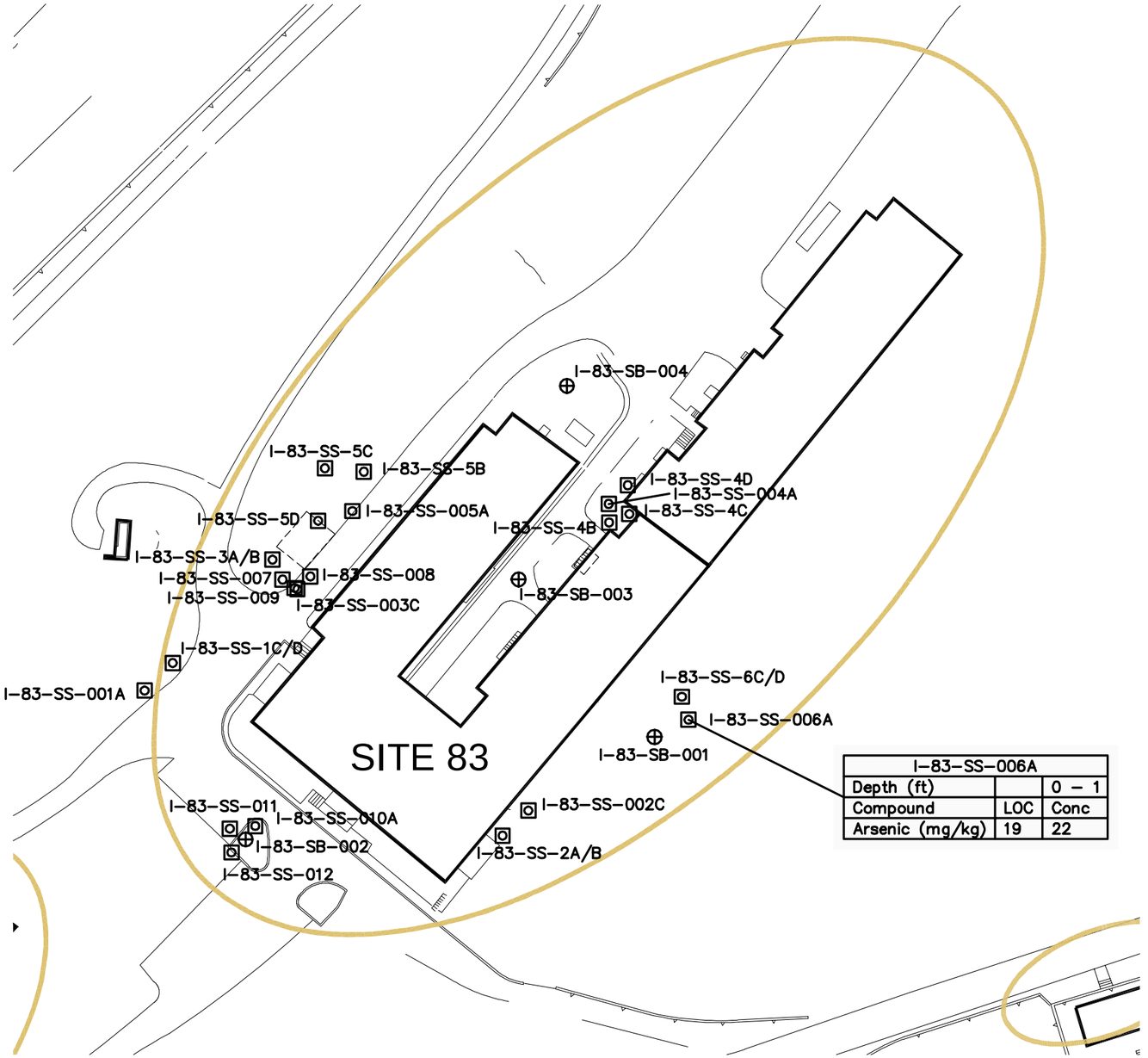
LAYOUT OF PICA 134/RI SITE 83
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-54



I-83-SS-006A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	22

LEGEND

- SURFACE SOIL
- SOIL BORING
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

Date/Time : 11, 25 Sep 2008 - 10:10am
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Plot Version : 11/13 (EMS Tech)
User Name : AFOX

0 80
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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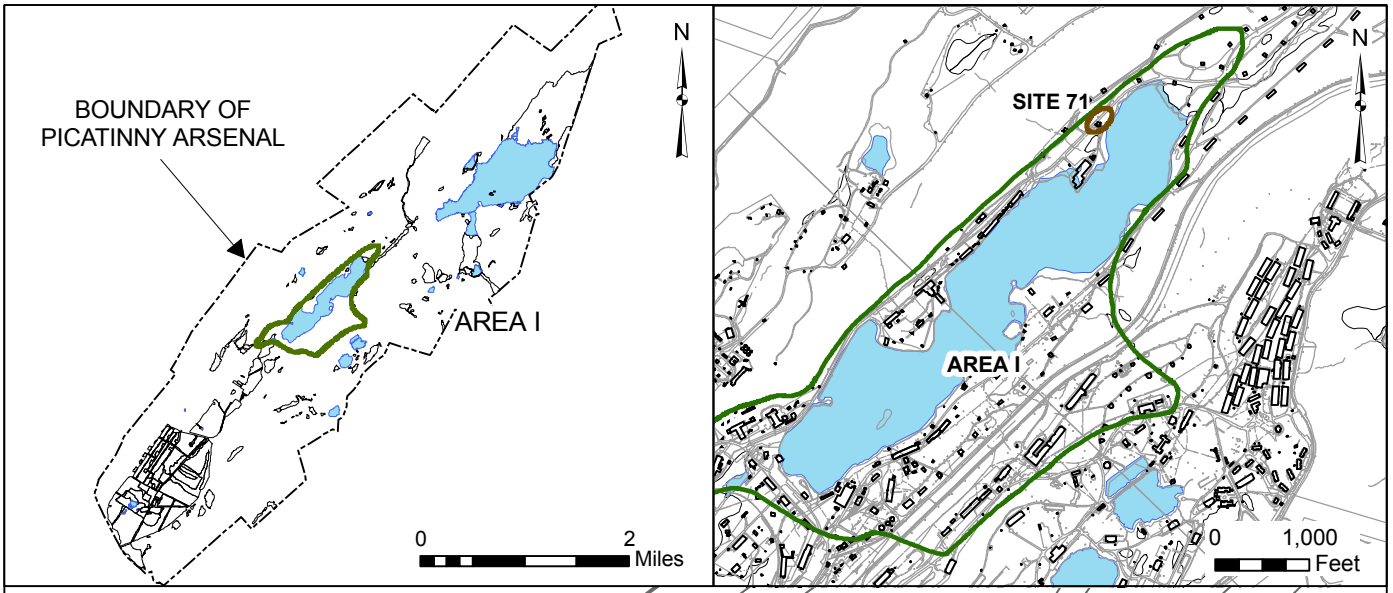
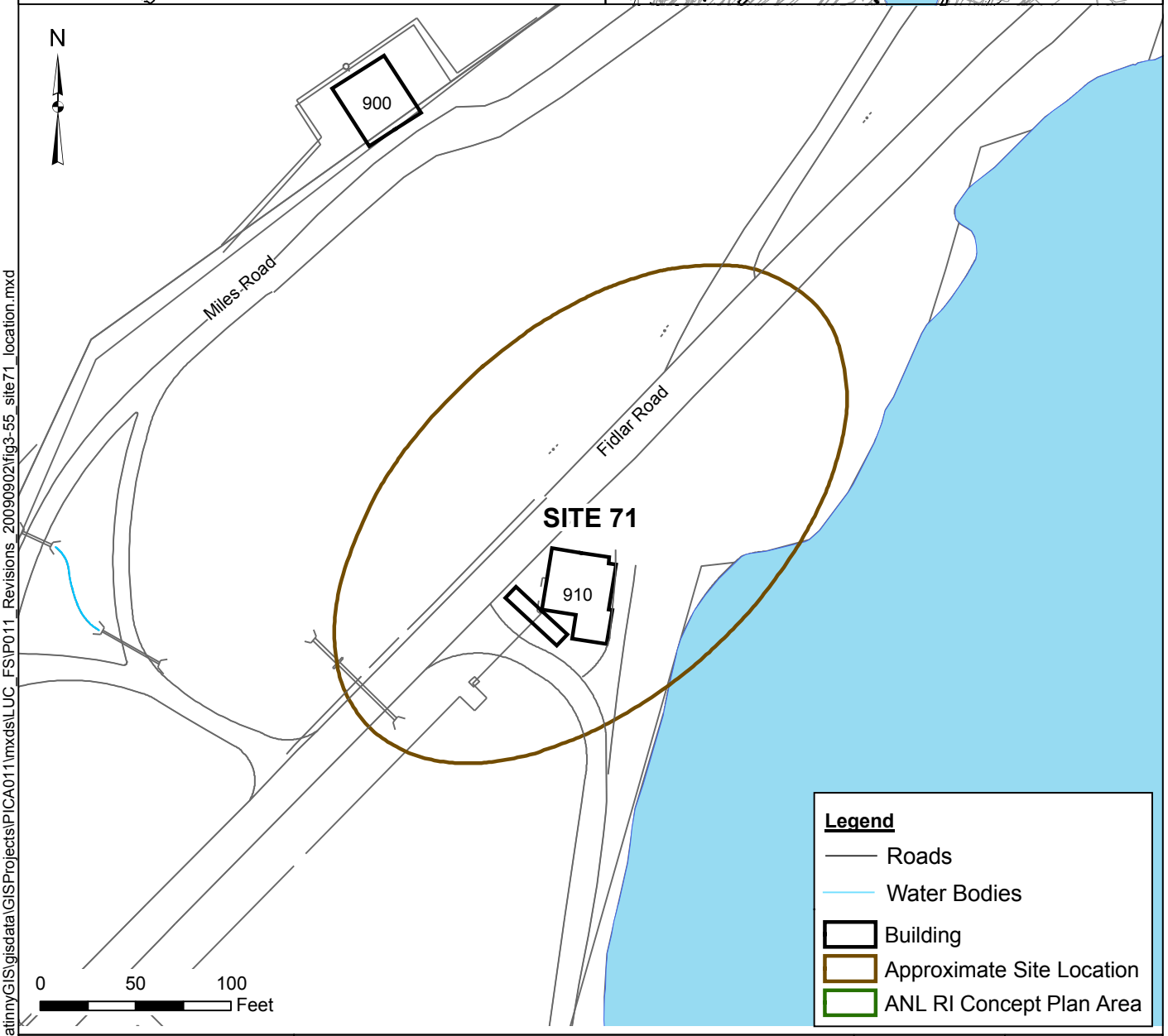
PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
HISTORICAL LOC EXCEEDENCES DATA AT PICA 134/RI SITE 83 BUILDING 3022, PHYSICAL ANALYSIS LABORITORY FOR ENERGETICS		EA001	A. FOX
		PROJECT NUMBER	DRAWING NUMBER
		GP06PICA.P011	3-55





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LAYOUT OF PICA 135/RI SITE 71
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-56

SITE 71

I-71-SS-002A			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	31	36
Benz(a)anthracene (mg/kg)	2	2.8	3
Benzo(a)pyrene (mg/kg)	0.2	3	4
Benzo(b)fluoranthene (mg/kg)	2	3.9	4
Dibenz(a,h)anthracene (mg/kg)	0.2	0.5	0.4

I-71-SS-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.75

I-71-SS-005		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.9
Benzo(b)fluoranthene (mg/kg)	2	2.4
Dibenz(a,h)anthracene (mg/kg)	0.2	0.3 J

I-71-SS-004		
Depth (ft)		2 – 3
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.1

I-71-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.81

I-71-SS-006			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.81	0.57

I-71-SS-005
I-71-SS-002A
I-71-SS-004
I-71-SS-006
I-71-SS-008
I-71-SS-2C/D
I-71-SS-007
I-71-SS-010A
I-71-SS-1C/D
I-71-SS-009C
I-71-SS-001A/B
I-71-SS-009
I-71-SS-011
I-71-SS-012
I-71-SS-013
I-71-SS-3A/B
I-71-SD-001
I-71-SW-001
I-71-SS-003C/D

I-71-SS-001A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	40
Benzo(a)pyrene (mg/kg)	0.2	0.39

I-71-SS-011		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	35.2 D

I-71-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Strontium (mg/kg)	16	21.2

I-71-SS-003C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	21.6

I-71-SS-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	24.2 D

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 40
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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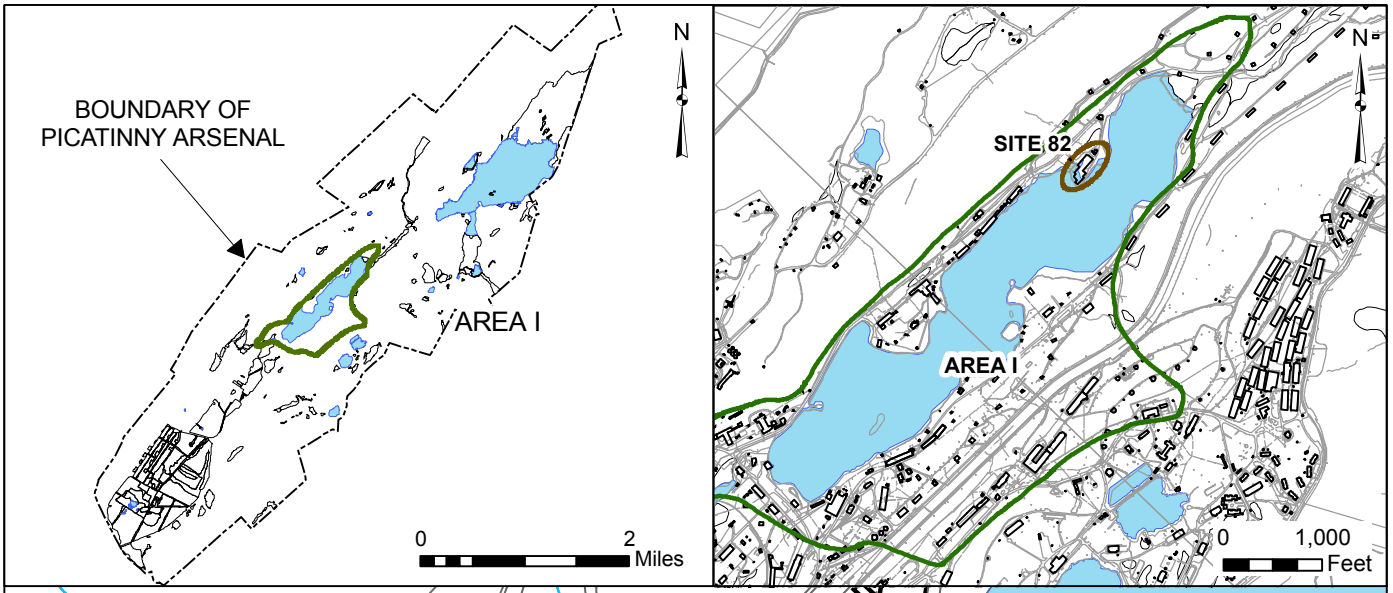
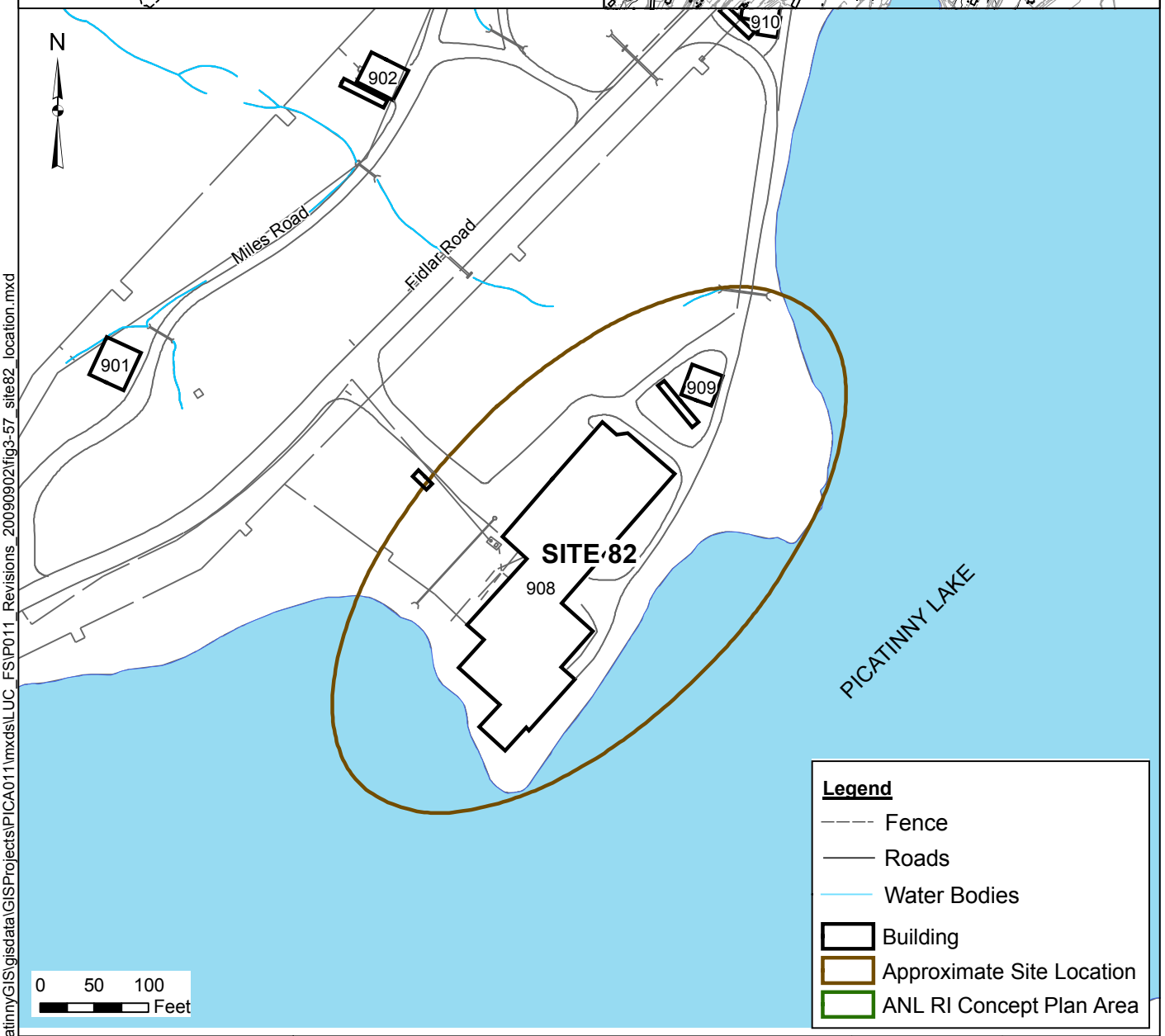
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 135/RI SITE 71 BUILDINGS IN THE 900-AREA

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-57





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LAYOUT OF PICA 135/RI SITE 82
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-58

Picatinny Lake

SITE 82

I-82-SS-003A
I-82-SS-3C/D
I-82-SS-001A
I-82-SS-2C/D
I-82-SS-1C/D
I-82-SD-001
I-82-SW-001
I-82-SS-002A
TR-908
I-82-SS-4B
I-82-SS-004A
I-82-SS-004C
I-82-SS-004D
I-82-SD-002
I-82-SW-002
I-82-SS-011
I-82-SS-007
I-82-SS-010A
I-82-SS-008
I-82-SS-5C/D
I-82-SS-005A
I-82-SS-006
I-82-SS-006A
I-82-SS-009
I-82-SD-003

I-82-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Mercury (mg/kg)	0.249	0.66
Silver (mg/kg)	1.0	26
Strontium (mg/kg)	16	25.4

I-82-SW-001		
Date		08/01/96
Compound	LOC	Conc
Methylene chloride (ug/l)	2.5	4.6

I-82-SW-002		
Date		08/01/96
Compound	LOC	Conc
Silver (ug/l)	3.8	16.2

I-82-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	1.70	1.83
Lead (mg/kg)	38.8	57.4
Mercury (mg/kg)	0.249	0.26
Silver (mg/kg)	1.0	1100
Strontium (mg/kg)	16	110
Zinc (mg/kg)	171	249

I-82-SS-011		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	50.5 J

I-82-SS-005A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	22.1

I-82-SS-006A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	58

I-82-SS-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	42.1 D

I-82-SS-009		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	19	22.5 D

I-82-SS-006		
Depth (ft)		2 – 3
Compound	LOC	Conc
Arsenic (mg/kg)	19	33 D

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- TRANSFORMER
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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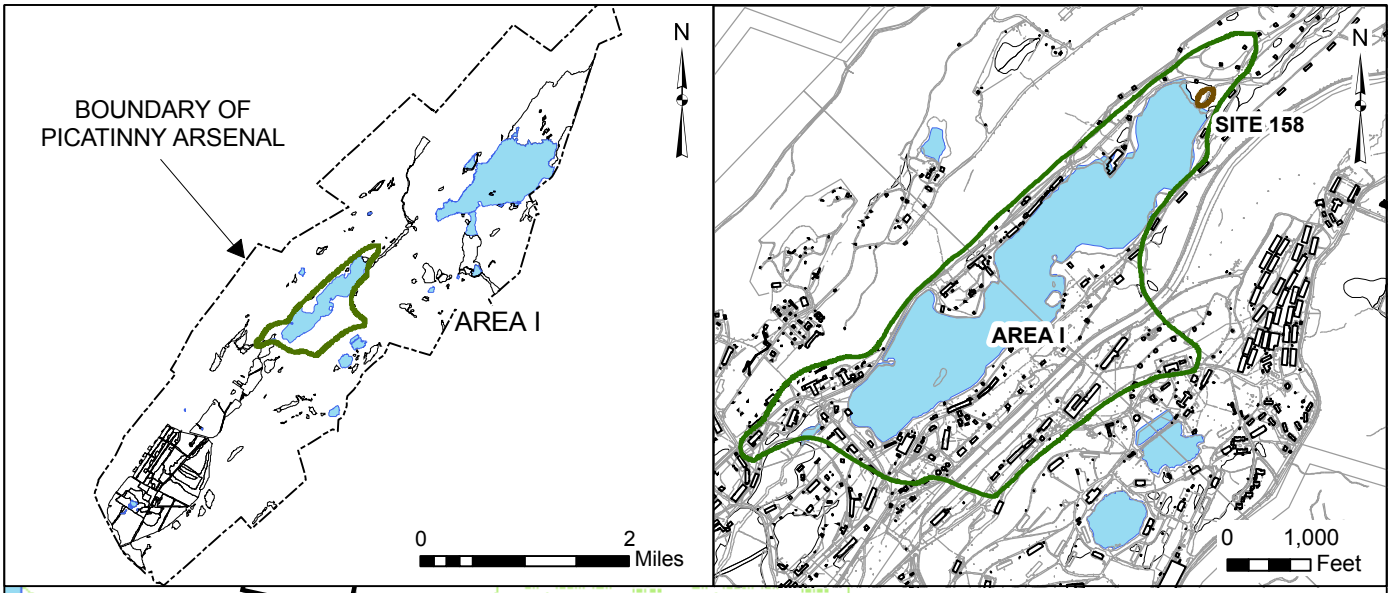
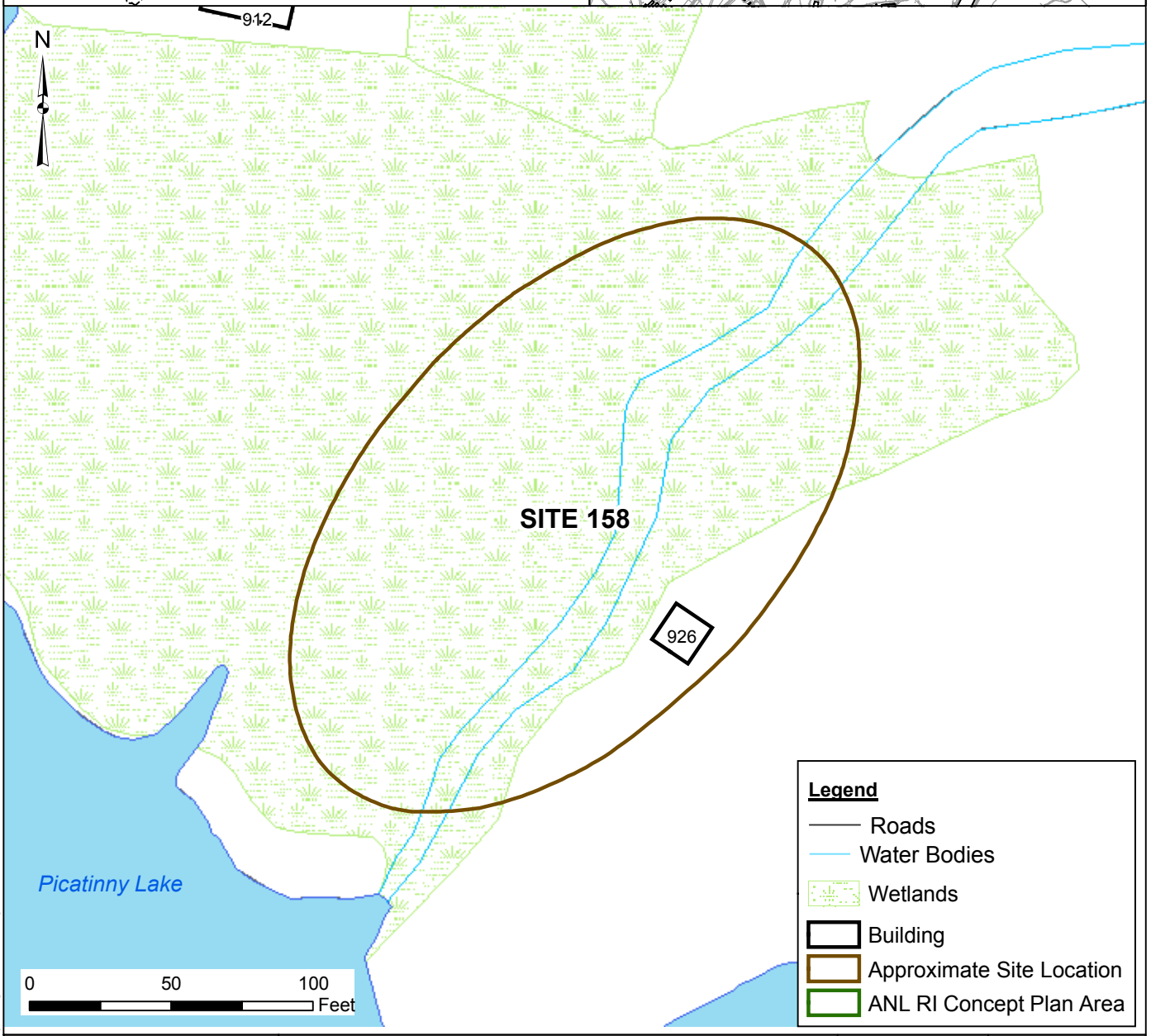
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT PICA 135/RI SITE 82
BUILDING 908, X RAY
PHOTOPROCESSING LAB

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-59





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LAYOUT OF PICA 135/RI SITE 158
PICATINNY ARSENAL, NEW JERSEY

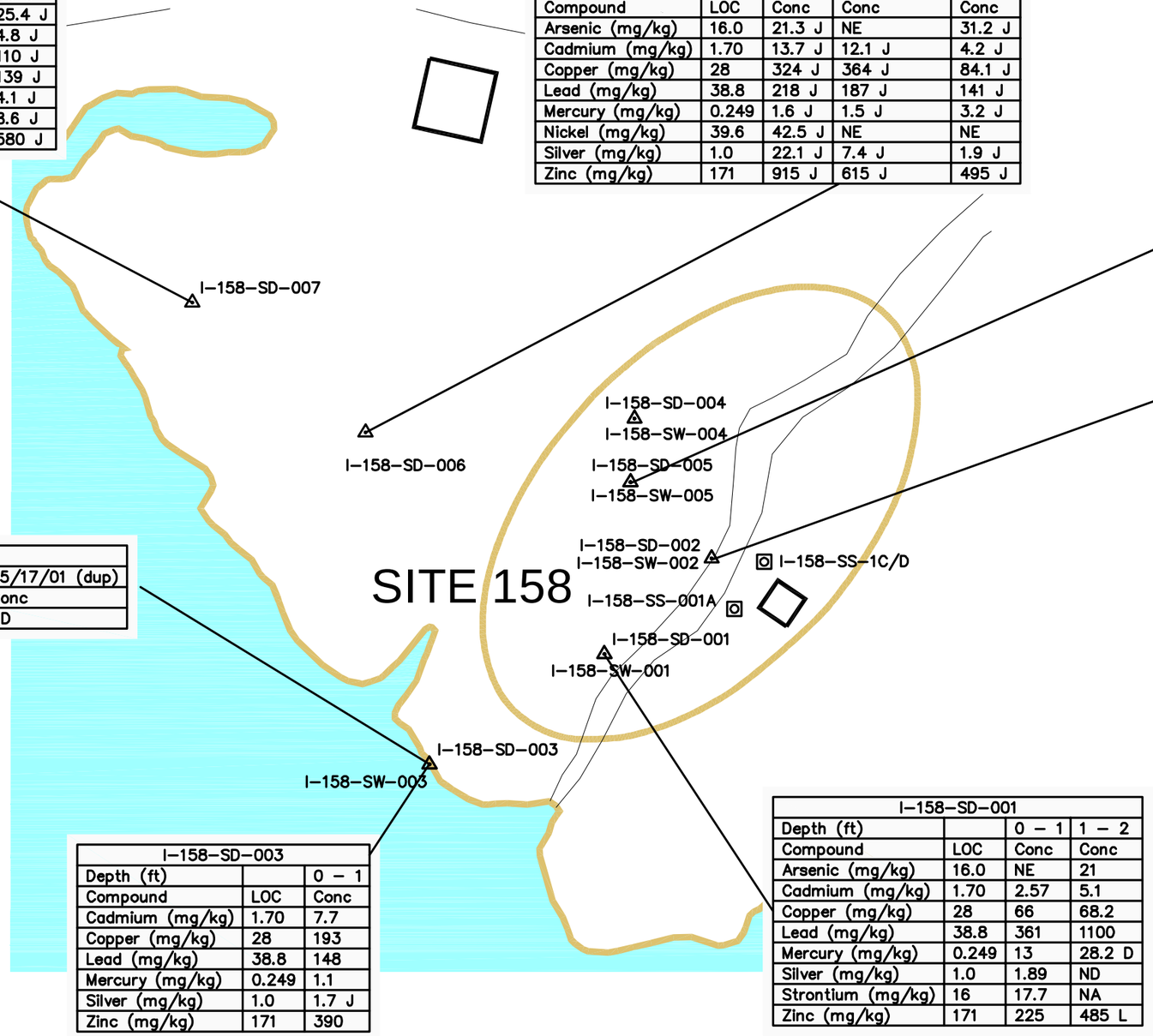
PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-60

I-158-SD-007			
Depth (ft)		0 – 1	2 – 3
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	16.0	17.6 J	25.4 J
Cadmium (mg/kg)	1.70	7.1 J	4.8 J
Copper (mg/kg)	28	203 J	110 J
Lead (mg/kg)	38.8	143 J	139 J
Mercury (mg/kg)	0.249	2.7 J	4.1 J
Silver (mg/kg)	1.0	8.2 J	8.6 J
Zinc (mg/kg)	171	514 J	580 J

I-158-SD-006				
Depth (ft)		0 – 1	0 – 1 (dup)	2 – 3
Compound	LOC	Conc	Conc	Conc
Arsenic (mg/kg)	16.0	21.3 J	NE	31.2 J
Cadmium (mg/kg)	1.70	13.7 J	12.1 J	4.2 J
Copper (mg/kg)	28	324 J	364 J	84.1 J
Lead (mg/kg)	38.8	218 J	187 J	141 J
Mercury (mg/kg)	0.249	1.6 J	1.5 J	3.2 J
Nickel (mg/kg)	39.6	42.5 J	NE	NE
Silver (mg/kg)	1.0	22.1 J	7.4 J	1.9 J
Zinc (mg/kg)	171	915 J	615 J	495 J

I-158-SD-005		
Depth (ft)		0 – 1
Compound	LOC	Conc
Arsenic (mg/kg)	16.0	34.9
Cadmium (mg/kg)	1.70	2.8
Copper (mg/kg)	28	63.6
Lead (mg/kg)	38.8	176
Mercury (mg/kg)	0.249	0.75
Zinc (mg/kg)	171	467

I-158-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Copper (mg/kg)	28	44.9
Lead (mg/kg)	38.8	242
Mercury (mg/kg)	0.249	15
Strontium (mg/kg)	16	23.1
Zinc (mg/kg)	171	206



I-158-SW-003			
Date		05/17/01	05/17/01 (dup)
Compound	LOC	Conc	Conc
Cadmium (ug/l)	0.28	0.3 J	ND

I-158-SD-003		
Depth (ft)		0 – 1
Compound	LOC	Conc
Cadmium (mg/kg)	1.70	7.7
Copper (mg/kg)	28	193
Lead (mg/kg)	38.8	148
Mercury (mg/kg)	0.249	1.1
Silver (mg/kg)	1.0	1.7 J
Zinc (mg/kg)	171	390

I-158-SD-001			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	16.0	NE	21
Cadmium (mg/kg)	1.70	2.57	5.1
Copper (mg/kg)	28	66	68.2
Lead (mg/kg)	38.8	361	1100
Mercury (mg/kg)	0.249	13	28.2 D
Silver (mg/kg)	1.0	1.89	ND
Strontium (mg/kg)	16	17.7	NA
Zinc (mg/kg)	171	225	485 L

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
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- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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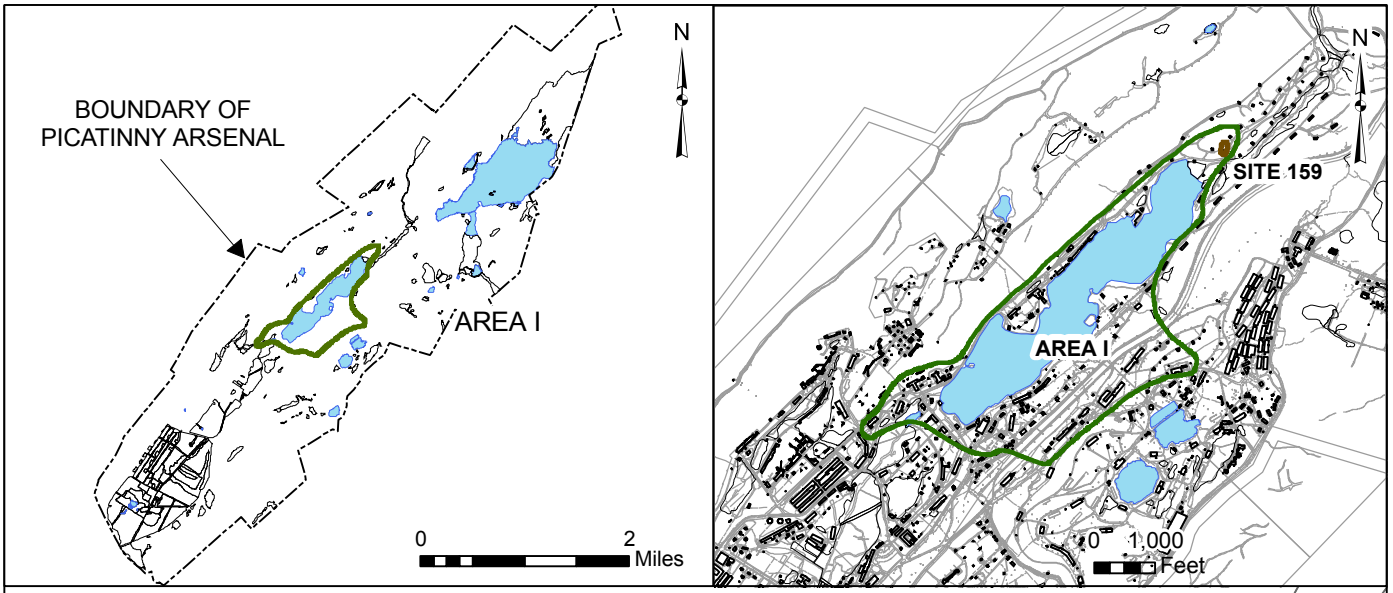
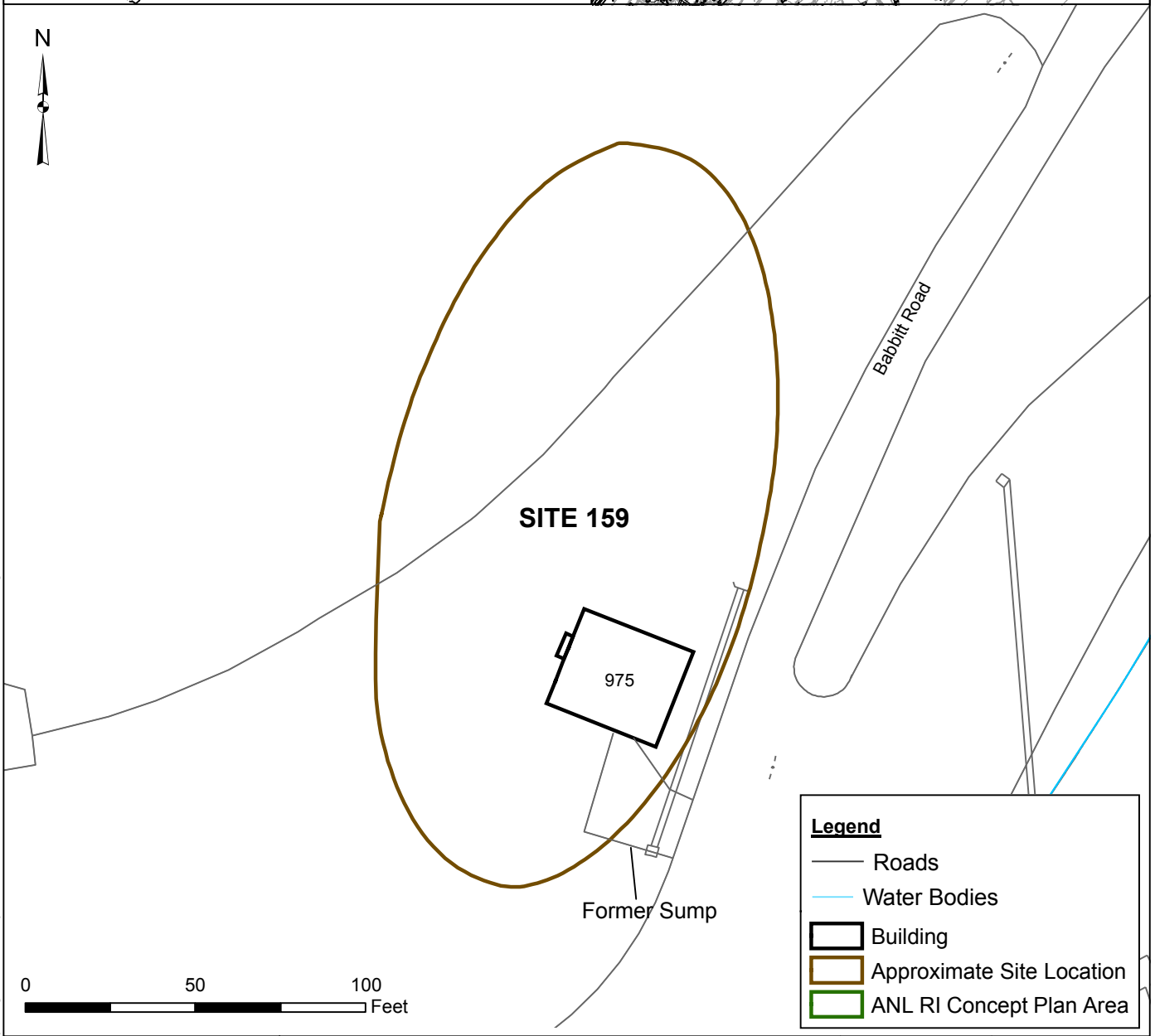
PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
HISTORICAL LOC EXCEEDENCES DATA AT PICA 135/RI SITE 158 BUILDING 926, HIGH EXPLOSIVES MAGAZINE		EA001	A. FOX
		PROJECT NUMBER	DRAWING NUMBER
		GP06PICA.P011	3-61





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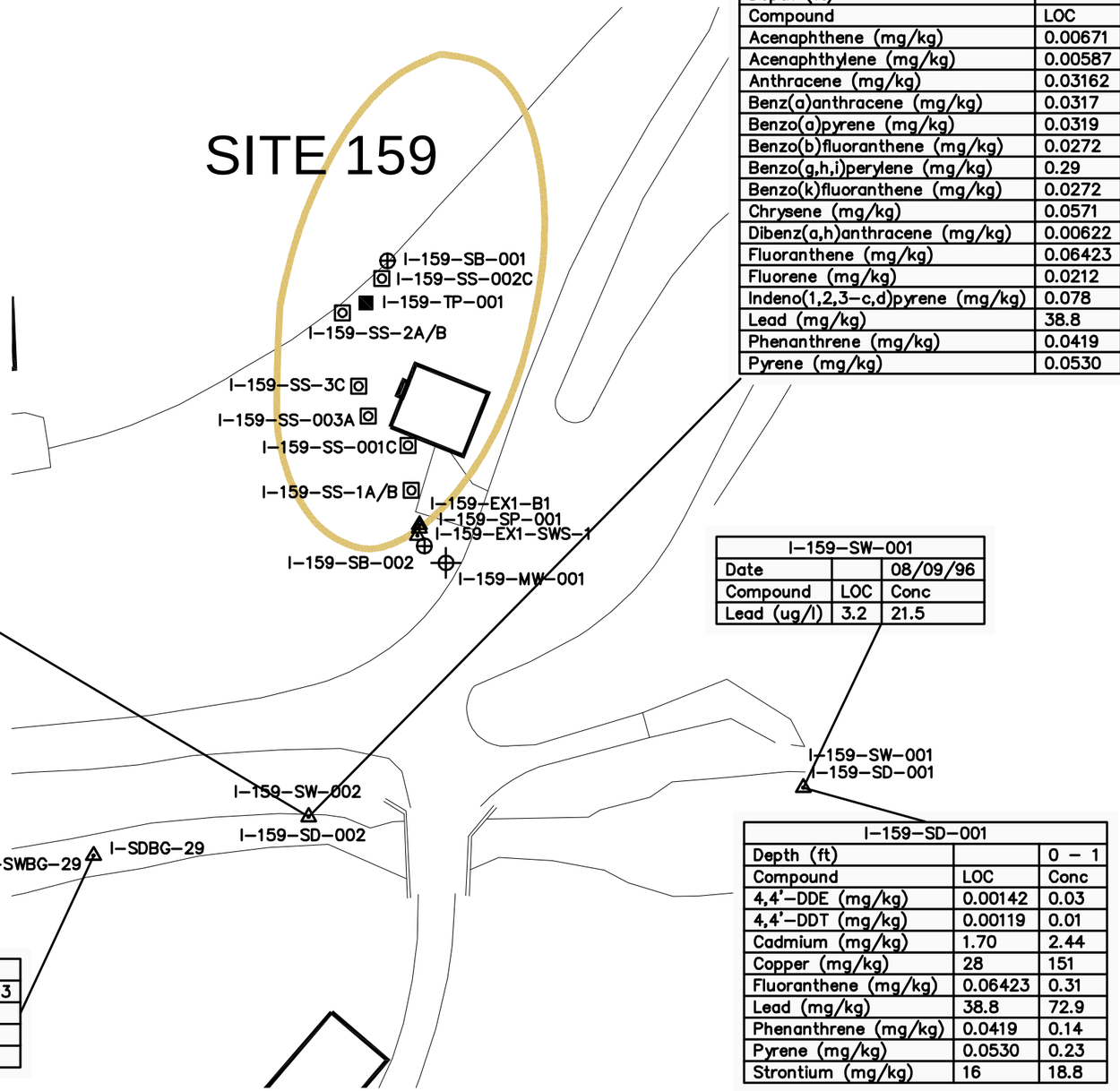
LAYOUT OF PICA 135/RI SITE 159
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-62



I-159-SD-002			
Depth (ft)		0 – 1	1 – 2
Compound	LOC	Conc	Conc
Acenaphthene (mg/kg)	0.00671	0.11	ND
Acenaphthylene (mg/kg)	0.00587	0.15	ND
Anthracene (mg/kg)	0.03162	1.5	ND
Benz(a)anthracene (mg/kg)	0.0317	3	ND
Benzo(a)pyrene (mg/kg)	0.0319	2.9	ND
Benzo(b)fluoranthene (mg/kg)	0.0272	4.5	ND
Benzo(g,h,i)perylene (mg/kg)	0.29	1.3	ND
Benzo(k)fluoranthene (mg/kg)	0.0272	2	ND
Chrysene (mg/kg)	0.0571	3.6	ND
Dibenz(a,h)anthracene (mg/kg)	0.00622	0.35	ND
Fluoranthene (mg/kg)	0.06423	7.9	ND
Fluorene (mg/kg)	0.0212	0.94	ND
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	1.7	ND
Lead (mg/kg)	38.8	56.4	NE
Phenanthrene (mg/kg)	0.0419	5.3	ND
Pyrene (mg/kg)	0.0530	7	ND

I-159-SW-002		
Date		08/09/96
Compound	LOC	Conc
2,4-Dinitrotoluene (ug/l)	0.11	0.2
Aluminum (ug/l)	190	295
Lead (ug/l)	3.2	4.79
Methylene chloride (ug/l)	2.5	11

I-159-SW-001		
Date		08/09/96
Compound	LOC	Conc
Lead (ug/l)	3.2	21.5

I-159-SD-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'-DDE (mg/kg)	0.00142	0.03
4,4'-DDT (mg/kg)	0.00119	0.01
Cadmium (mg/kg)	1.70	2.44
Copper (mg/kg)	28	151
Fluoranthene (mg/kg)	0.06423	0.31
Lead (mg/kg)	38.8	72.9
Phenanthrene (mg/kg)	0.0419	0.14
Pyrene (mg/kg)	0.0530	0.23
Strontium (mg/kg)	16	18.8

I-SWBG-29		
Date		11/02/93
Compound	LOC	Conc
alpha-BHC, USAEC UH20 (ug/l)	0.0026	0.45 N
alpha-BHC, USAEC UM25 (ug/l)	0.0026	ND

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
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- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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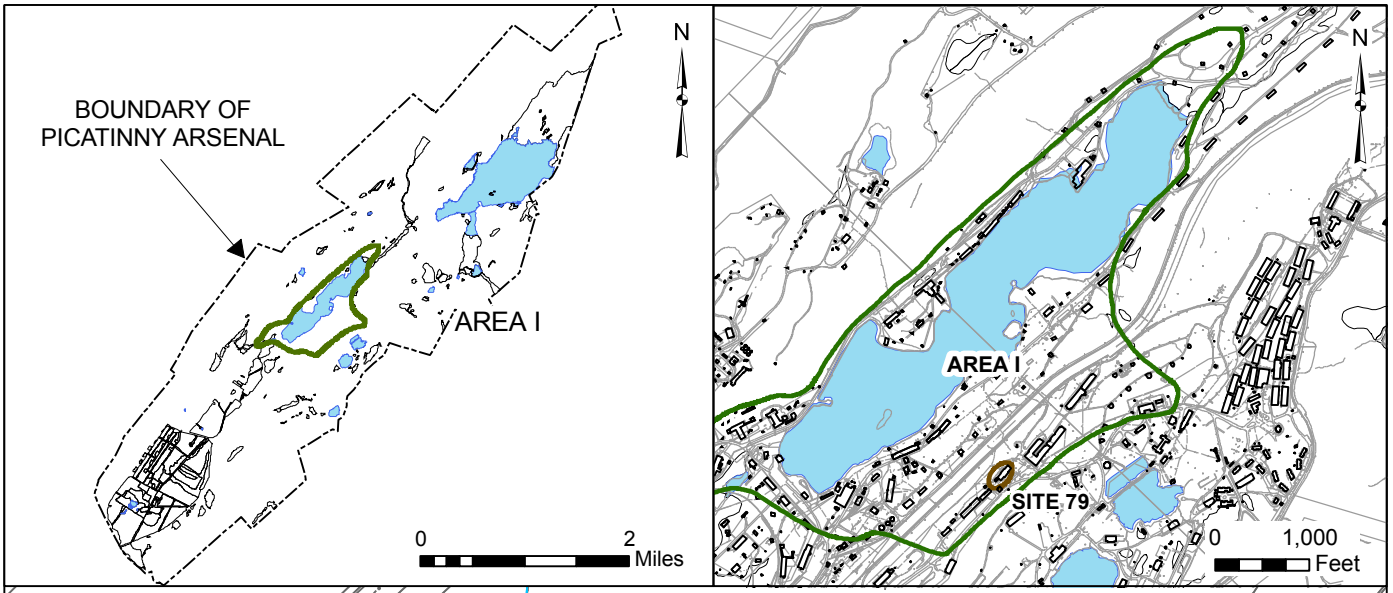
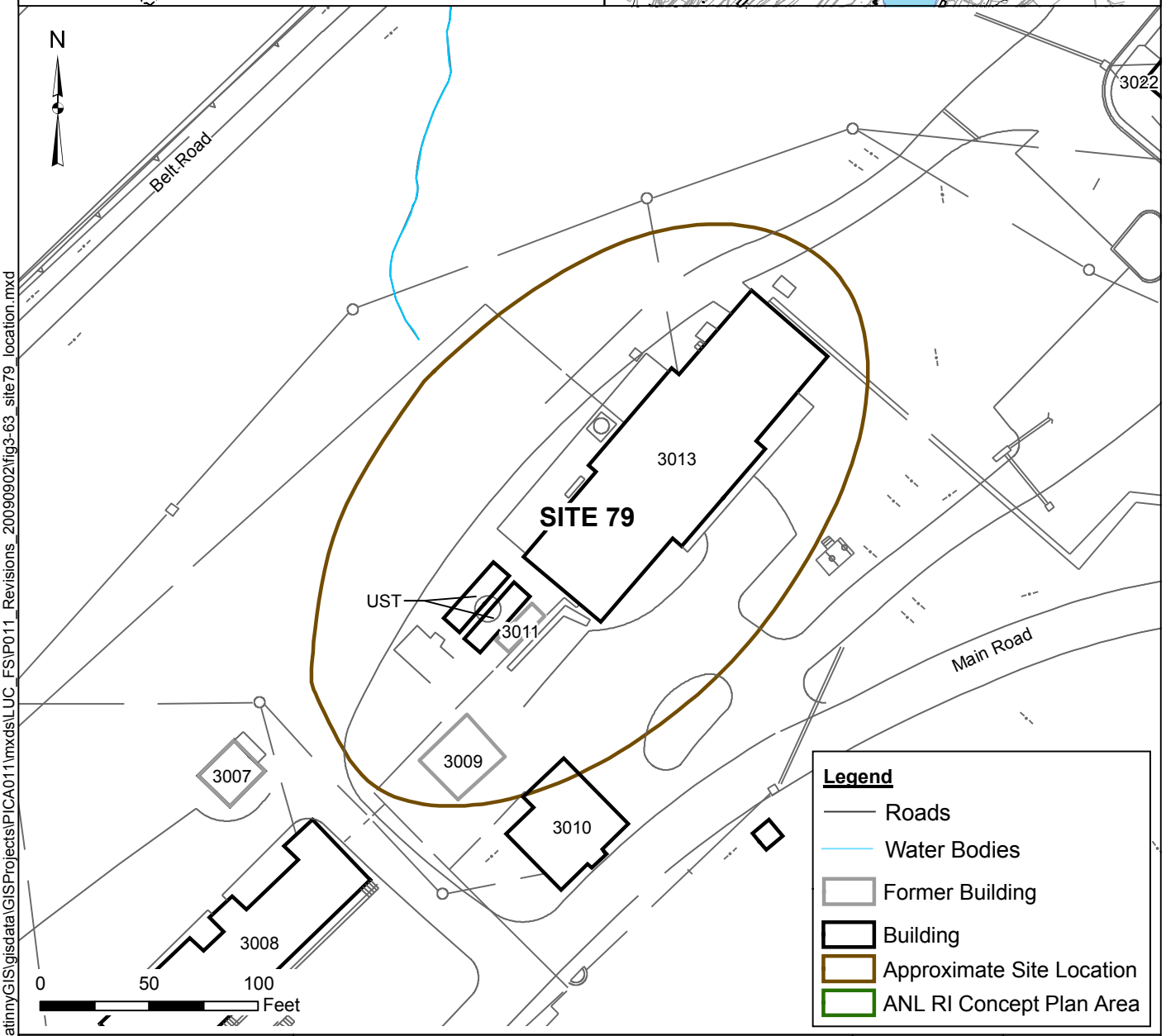
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT PICA 135/RI SITE 159
BUILDING 975
SUPPLIES AND SERVICES

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-63





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LAYOUT OF PICA 136/RI SITE 79
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-64

I-79-SB-001			
Depth (ft)		0 – 2	5 – 7
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	NE	110

I-79-SS-001A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	10
Benzo(a)pyrene (mg/kg)	0.2	12
Benzo(b)fluoranthene (mg/kg)	2	12

I-79-SS-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	4.1 D
Benzo(a)pyrene (mg/kg)	0.2	6.2 D
Benzo(b)fluoranthene (mg/kg)	2	6.9 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.3 D
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	3.9 D

I-MW-1_J			
Date		10/22/96	01/09/04
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	3070	NA
Iron (ug/l)	300	14400	NA
Lead (ug/l)	5	43.1	15.3
Manganese (ug/l)	50	1660	NA

I-79-SS-009		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	2.3
Benzo(b)fluoranthene (mg/kg)	2	2.3
Dibenz(a,h)anthracene (mg/kg)	0.2	0.44

I-MW15-102		
Date		10/22/96
Compound	LOC	Conc
Iron (ug/l)	300	10300
Manganese (ug/l)	50	1420

I-79-SS-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.1
Benzo(a)pyrene (mg/kg)	0.2	2.1
Benzo(b)fluoranthene (mg/kg)	2	3.3
Dibenz(a,h)anthracene (mg/kg)	0.2	0.39

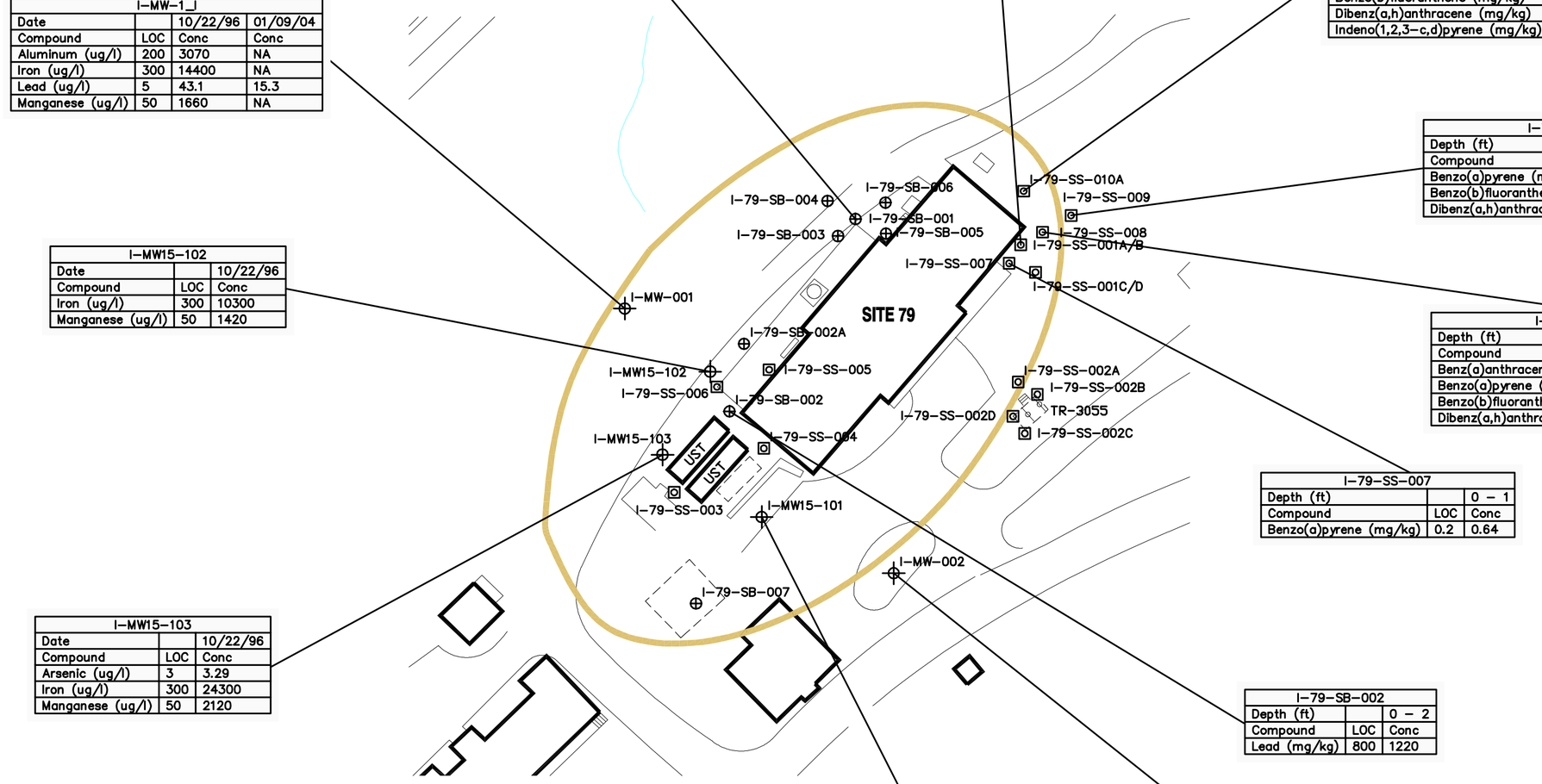
I-79-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.64

I-MW15-103		
Date		10/22/96
Compound	LOC	Conc
Arsenic (ug/l)	3	3.29
Iron (ug/l)	300	24300
Manganese (ug/l)	50	2120

I-79-SB-002		
Depth (ft)		0 – 2
Compound	LOC	Conc
Lead (mg/kg)	800	1220

I-MW15-101		
Date		10/22/96
Compound	LOC	Conc
Aluminum (ug/l)	200	244
Arsenic (ug/l)	3	4.51
Iron (ug/l)	300	28100
Manganese (ug/l)	50	497

I-MW-2_J		
Date		10/23/96
Compound	LOC	Conc
bis(2-Ethylhexyl)phthalate (ug/l)	3	6.7
Methylene chloride (ug/l)	3	4.6



LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN
DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST
CHECKED BY: T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT PICA 136/RI SITE 79
BUILDING 3013
HIGH PRESSURE BOILER

TASK/PHASE NUMBER: EA001
DRAWN BY: A. FOX
PROJECT NUMBER: GP06PICA.P011
DRAWING NUMBER: 3-65

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 - 10:32am
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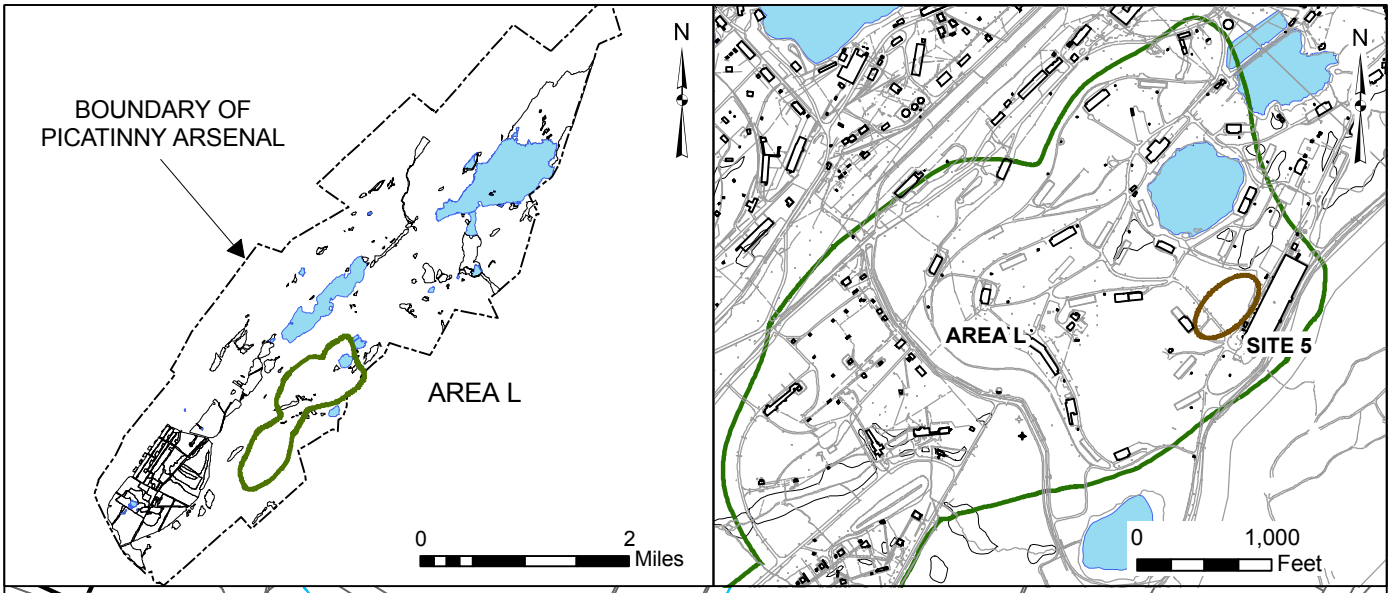

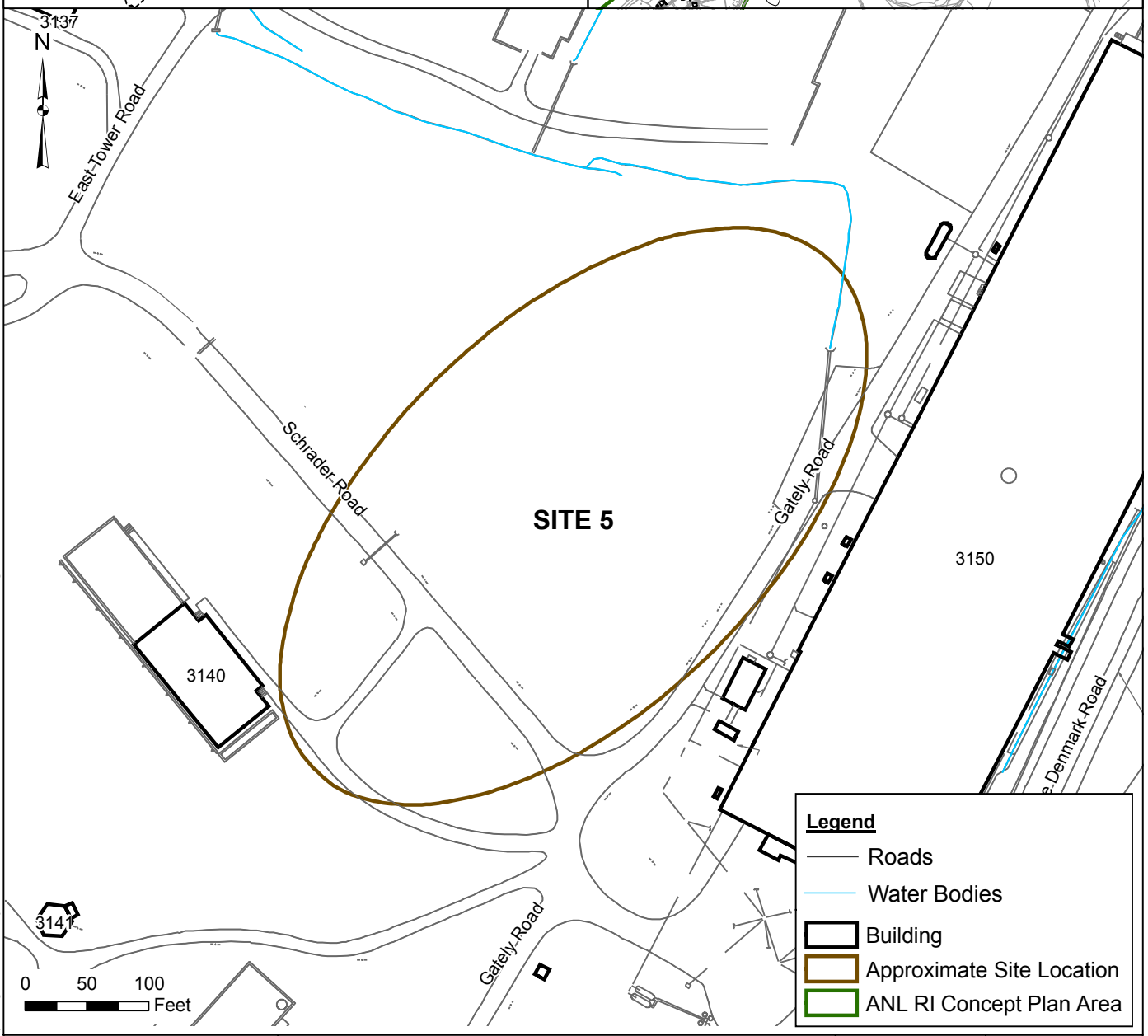

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LAYOUT OF PICA 162/RI SITE 5
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-66

L-5-MW-008			
Date		12/26/00	12/26/00 (dup)
Compound	LOC	Conc	Conc
Tetrachloroethene (ug/l)	1	5.8	5.7

L-DM5-2								
Date		04/12/88	04/26/88	04/29/88	05/04/88	03/04/99	12/22/00	02/14/01
Compound	LOC	Conc	Conc	Conc	Conc	Conc	Conc	Conc
Arsenic (ug/l)	3	NA	NA	NA	4.02 /ND	ND	NA	NA
Cyanide (ug/l)	100	ND	NA	NA	NA	1600 D	ND	ND
Iron (ug/l)	300	1780	NA	NA	1060	ND	NA	NA
Manganese (ug/l)	50	1800	NA	NA	195	NE	NA	NA
Methylene chloride (ug/l)	3	NA	NA	7	9	ND	ND	NA
RDX (ug/l)	2	NA	ND	NA	48.1	ND	NA	NA
Tetrachloroethene (ug/l)	1	NA	NA	ND	ND	1.1	NE	NA
Zinc (ug/l)	2000	5400	NA	NA	NA	ND	NA	NA

L-5-MW-004.				
Date		03/04/99	03/04/99 (dup)	12/22/00
Compound	LOC	Conc	Conc	Conc
Tetrachloroethene (ug/l)	1	14	14	13 J

L-5-MW-004D				
Date		07/19/99	07/19/99 (dup)	12/22/00
Compound	LOC	Conc	Conc	Conc
Tetrachloroethene (ug/l)	1	12	11	9.1 J

L-5-MW-004				
Depth (ft)		4 - 6	4 - 6 (dup)	6 - 8
Compound	LOC	Conc	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	ND	0.34	ND

L-DM5-1					
Date		05/04/88	03/04/99	12/26/00	02/14/01
Compound	LOC	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	NA	690	NA	NA
Cyanide (ug/l)	100	NA	2400 D	ND	ND
Iron (ug/l)	300	NE	700	NA	NA
Methylene chloride (ug/l)	3	8	ND	ND	NA

L-MW-3						
Date		03/04/88	05/04/88	03/04/99	12/26/00	02/14/01
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Cyanide (ug/l)	100	NA	NA	1500 D	ND	ND
Iron (ug/l)	300	ND	ND	5800	NA	NA
Manganese (ug/l)	50	179	NE	NE	NA	NA
Methylene chloride (ug/l)	3	NA	6	ND	ND	NA

L-5-MW-008
L-DM5-2
L-5-MW-004D
L-5-MW-004
L-DM5-1
L-MW-3
L-5-MW-009
L-5-MW-007
L-5-MW-006

SITE 5

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
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N

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AutoCAD Version : 2007S (LMS Tech)
User Name : AFOX

0 120
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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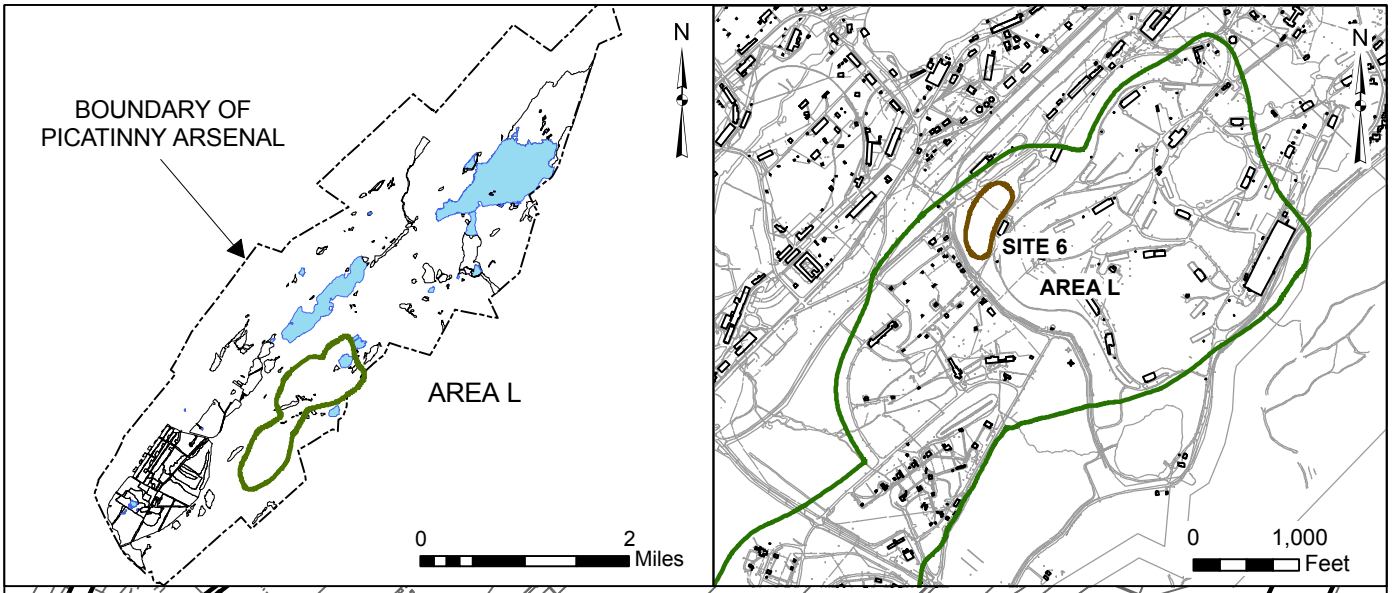
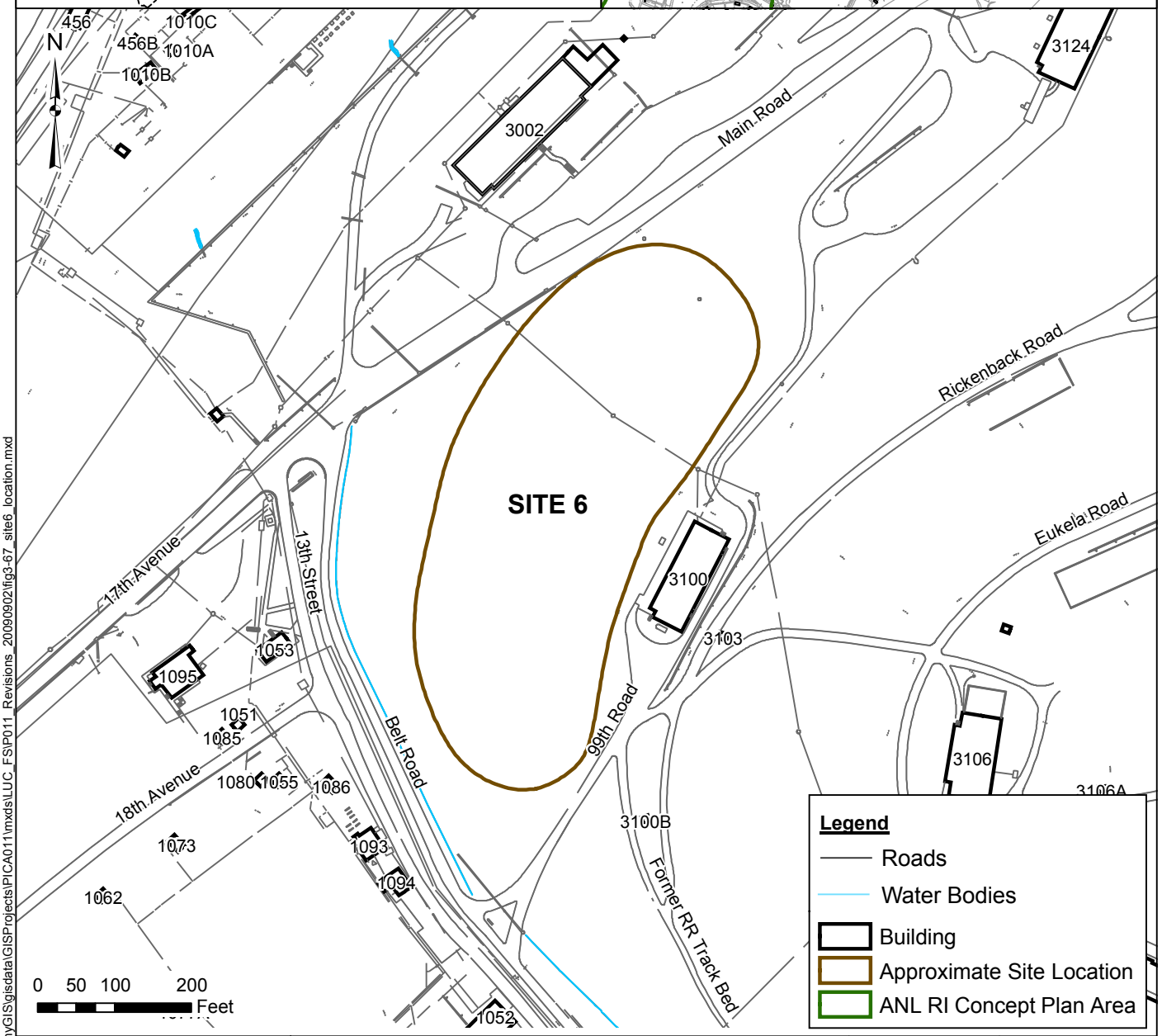
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 162/RI SITE 5 SHELL BURIAL AREA

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-67





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LAYOUT OF PICA 162/RI SITE 6
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-68

L-DM6-2					
Date		05/04/88	03/03/99	02/19/02	11/18/03
Compound	LOC	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	NA	240	NA	NA
Iron (ug/l)	300	NE	320	NA	NA
Methylene chloride (ug/l)	3	6	ND	ND	ND
Trichloroethene (ug/l)	1	ND	2.4	6.2	NE

L-6-MW-005				
Date		05/04/88	05/20/02	05/20/02 (dup)
Compound	LOC	Conc	Conc	Conc
Iron (ug/l)	300	642	NA	NA
Methylene chloride (ug/l)	3	6	ND	ND

L-MW-5		
Date		03/03/99
Compound	LOC	Conc
Aluminum (ug/l)	200	1100
bis(2-Ethylhexyl)phthalate (ug/l)	3	3.29 J
Iron (ug/l)	300	1100
Lead (ug/l)	5	6.09

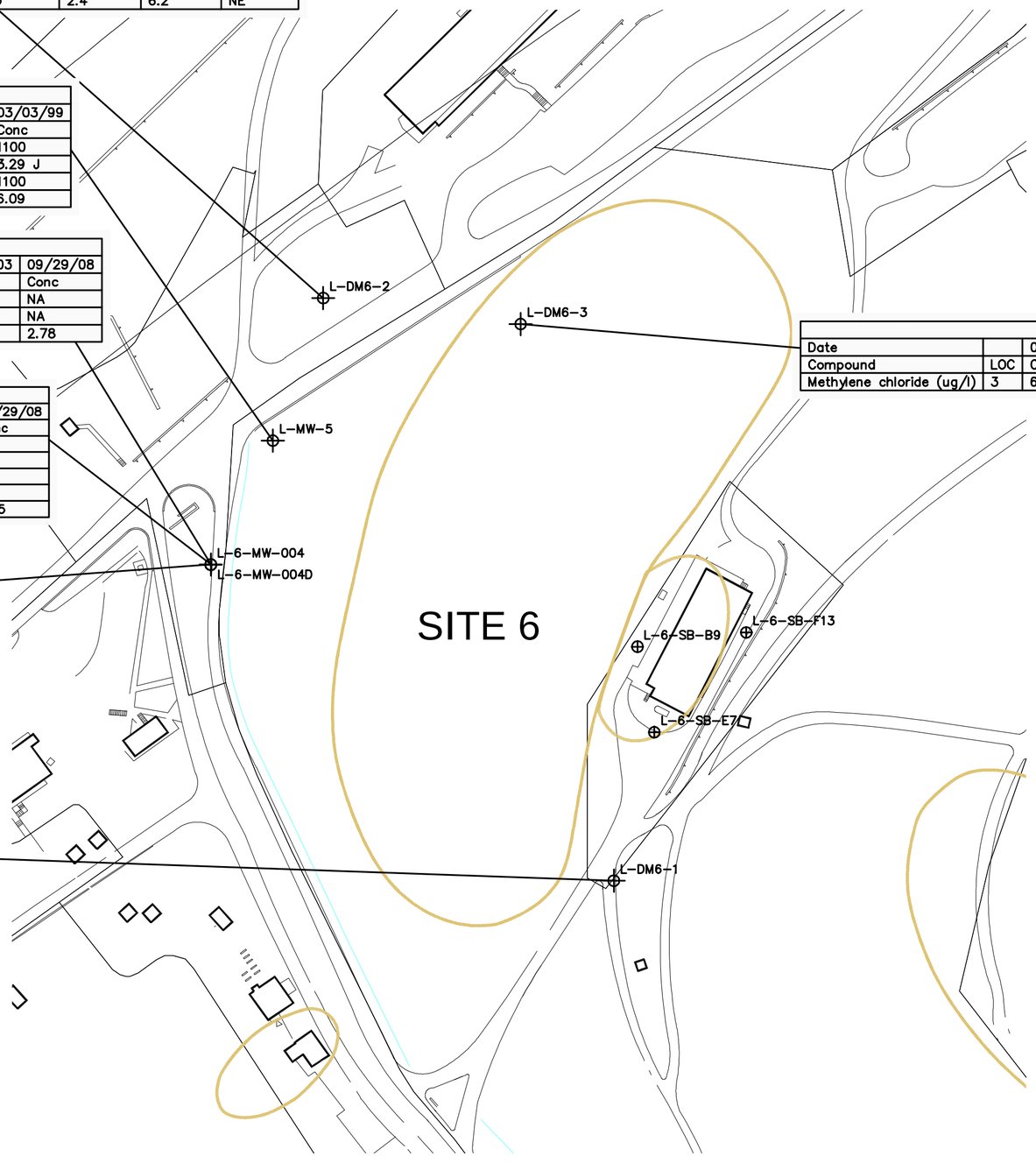
L-6-MW-004					
Date		03/02/99	02/14/02	11/05/03	09/29/08
Compound	LOC	Conc	Conc	Conc	Conc
Arsenic (ug/l)	3	3.19 J	NA	NA	NA
bis(2-Ethylhexyl)phthalate (ug/l)	3	7.4 J	NA	NA	NA
Trichloroethene (ug/l)	1	14	9.2	8.1	2.78

L-6-MW-004D.						
Date		07/20/99	02/20/02	11/05/03	02/07/08	09/29/08
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	10900	NA	NA	NA	NA
Iron (ug/l)	300	7900	NA	430	NA	NA
Lead (ug/l)	5	11	ND	NA	NA	NA
Manganese (ug/l)	50	200	NA	NA	NA	NA
Trichloroethene (ug/l)	1	10	10	17	4.33	3.05

L-6-MW-004D			
Depth (ft)		1 - 3	3 - 5
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	2.46 D	NE
Benzo(a)pyrene (mg/kg)	0.2	2.35 D	NE
Benzo(b)fluoranthene (mg/kg)	2	2.56 D	NE
Dibenz(a,h)anthracene (mg/kg)	0.2	0.38 JD	ND

L-DM6-3					
Date		05/04/88	03/03/99	03/03/99 (dup)	11/18/03
Compound	LOC	Conc	Conc	Conc	Conc
Methylene chloride (ug/l)	3	6	ND	ND	ND

L-DM6-1				
Date		05/04/88	03/03/99	02/14/02
Compound	LOC	Conc	Conc	Conc
Methylene chloride (ug/l)	3	5	ND	ND
Tetrachloroethene (ug/l)	1	30.9	NE	NE
Trichloroethene (ug/l)	1	ND	2	NE



LEGEND

- SURFACE SOIL
- SURFACE WATER AND OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 100
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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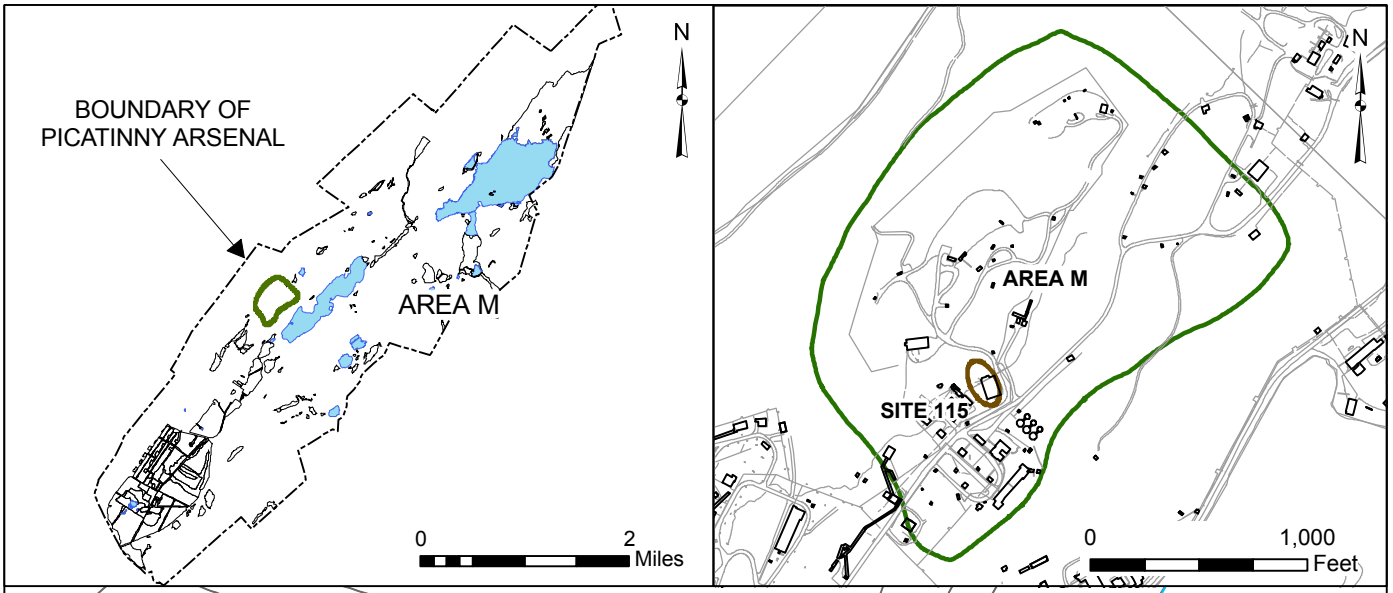
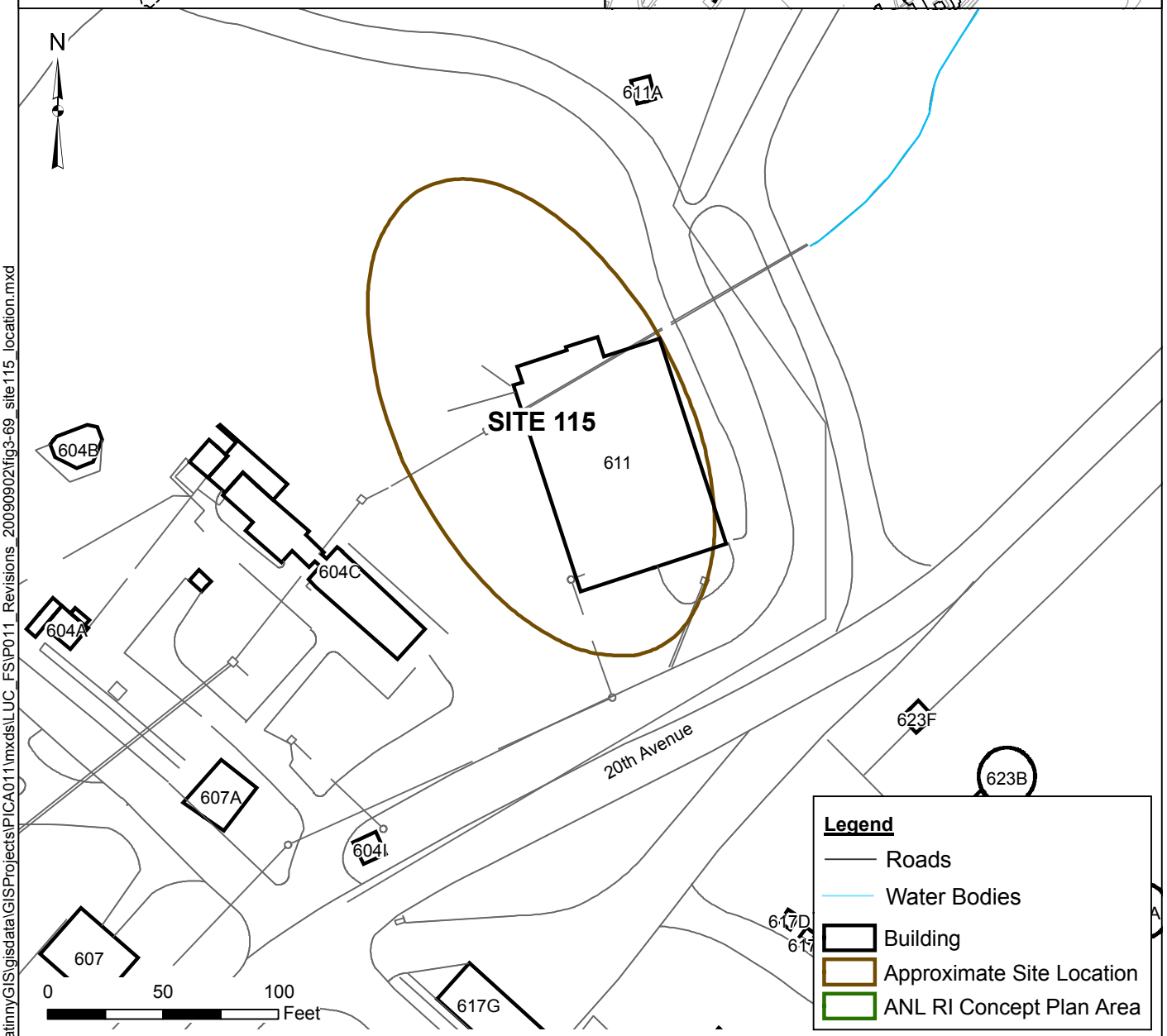
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN
DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST
CHECKED BY: T. LLEWELLYN

SHEET TITLE
HISTORICAL DATA EXCEEDENCES DATA AT PICA 162/RI SITE 6 SHELL BURIAL AREA

TASK/PHASE NUMBER: EA001
DRAWN BY: A. FOX
PROJECT NUMBER: GP06PICA.P011
DRAWING NUMBER: 3-69





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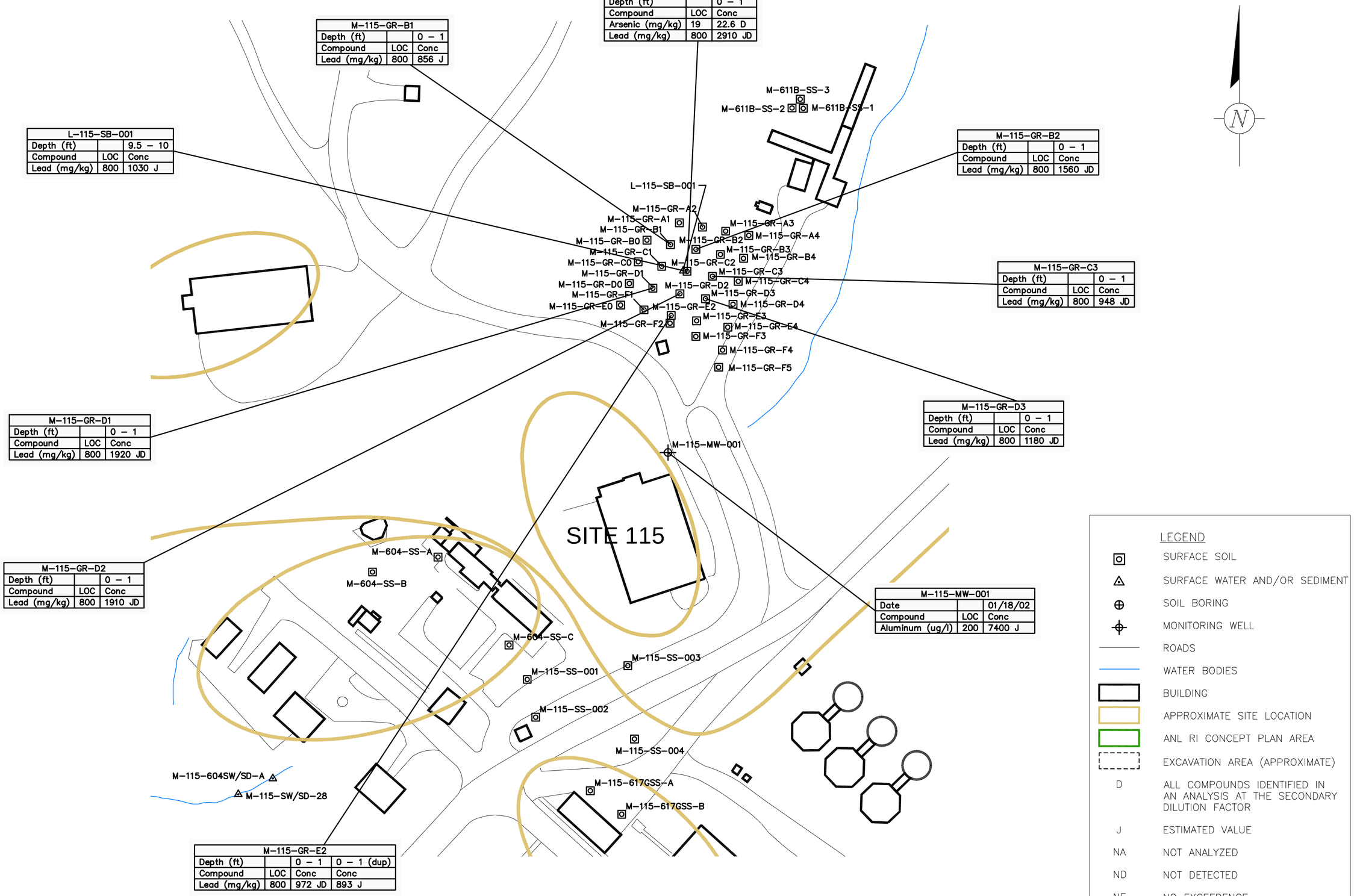
LAYOUT OF PICA 175/RI SITE 115
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-70



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SCALE IN FEET

PLOT SIZE: 17x22

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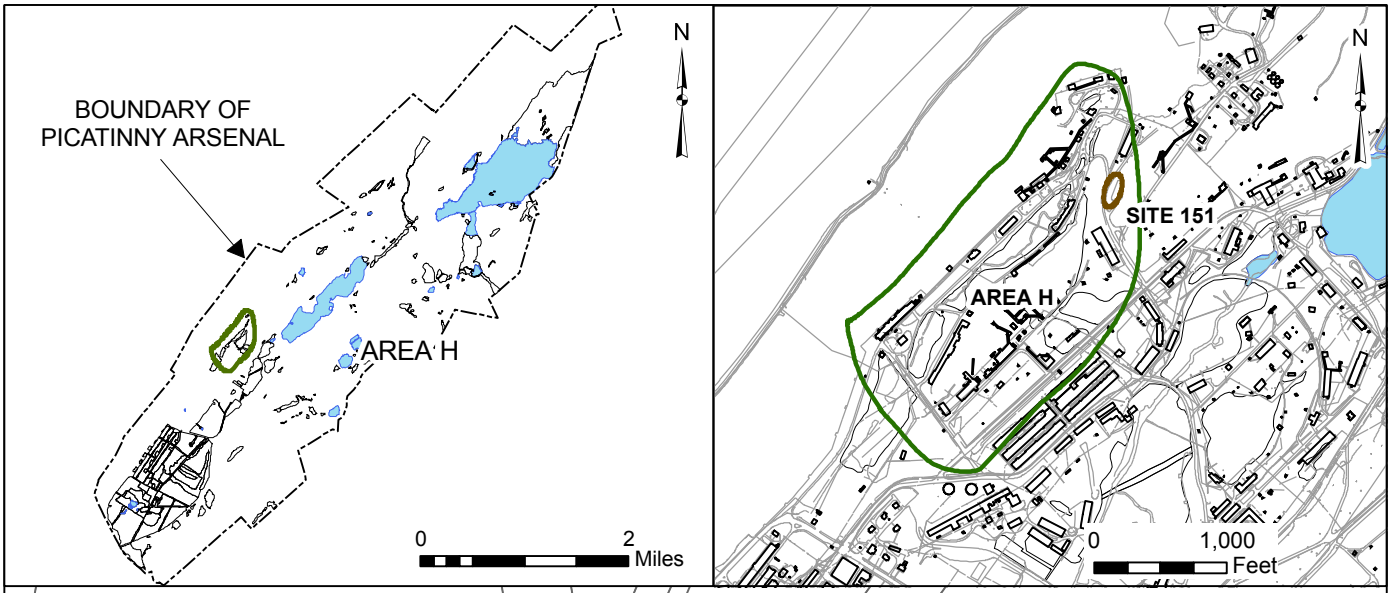
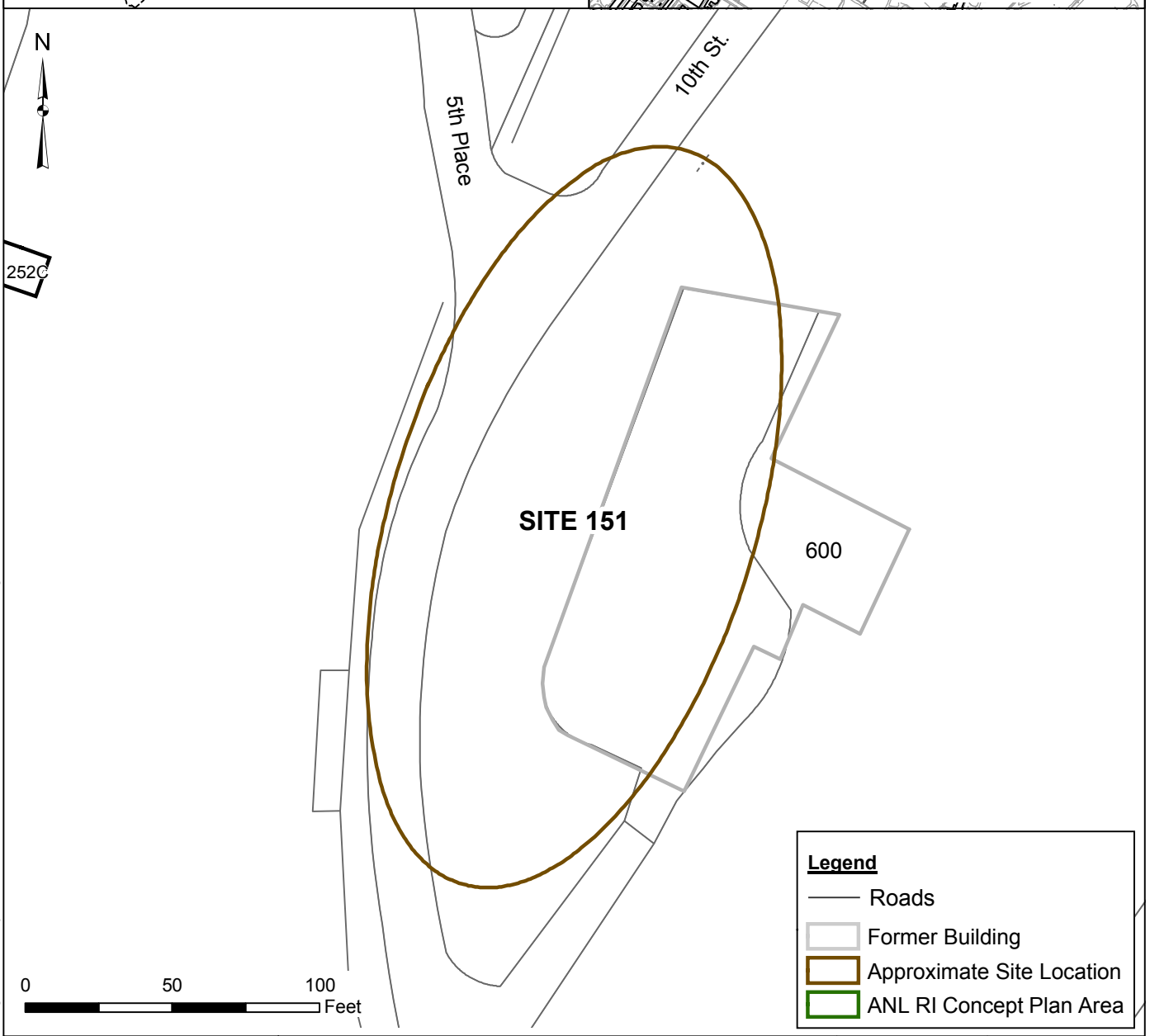
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN
DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST
CHECKED BY: T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 175/RI SITE 115 ORDNANCE BUILDINGS IN 600-AREA

TASK/PHASE NUMBER: EA001
DRAWN BY: A. FOX
PROJECT NUMBER: GP06PICA.P011
DRAWING NUMBER: 3-71





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LAYOUT OF PICA 175/RI SITE 151
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-72

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User Name : AFOX

Date\Time : Fri, 25 Sep 2009 - 10:40am
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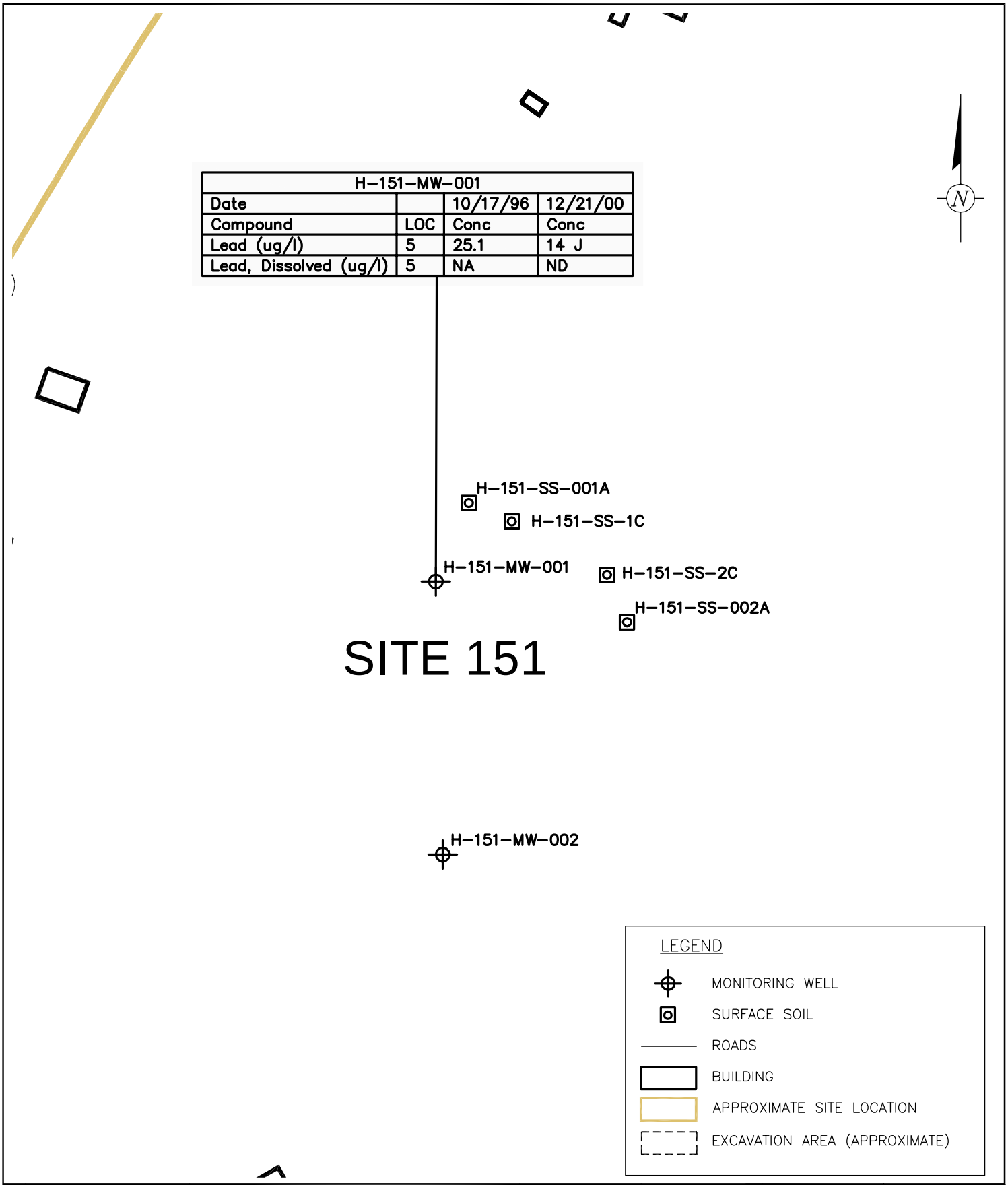
H-151-MW-001			
Date		10/17/96	12/21/00
Compound	LOC	Conc	Conc
Lead (ug/l)	5	25.1	14 J
Lead, Dissolved (ug/l)	5	NA	ND



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SCALE IN FEET

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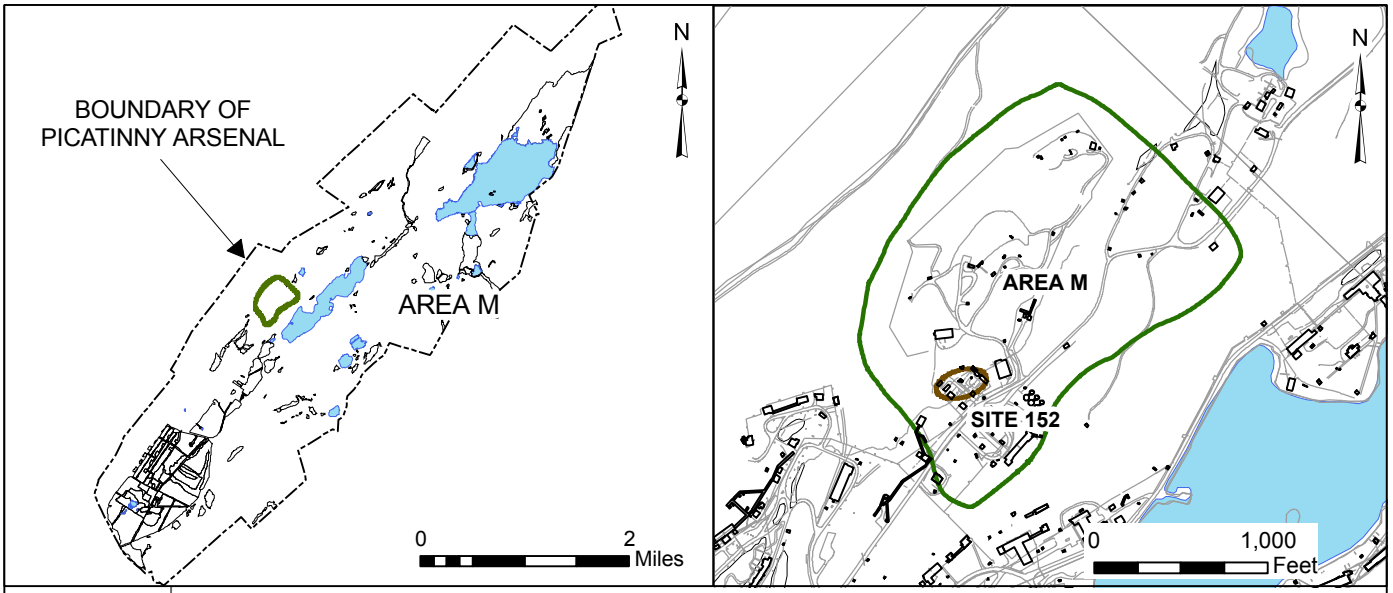
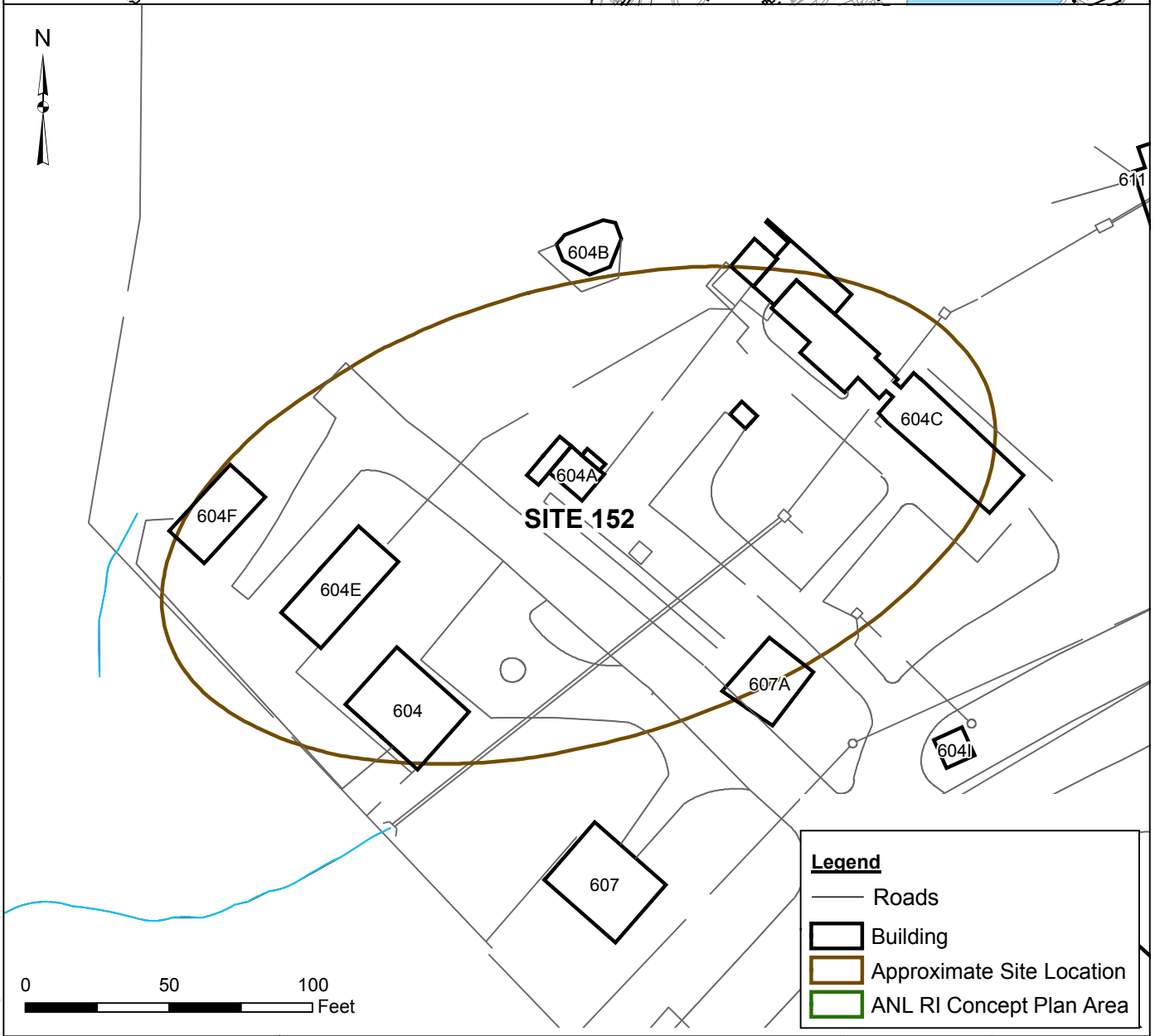
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 175/RI SITE 151 BUILDING 600, CHANGE HOUSE		TASK/PHASE NUMBER: EA001	DRAWN BY: A. FOX
		PROJECT NUMBER: GP06PICA.P011	DRAWING NUMBER: 3-73





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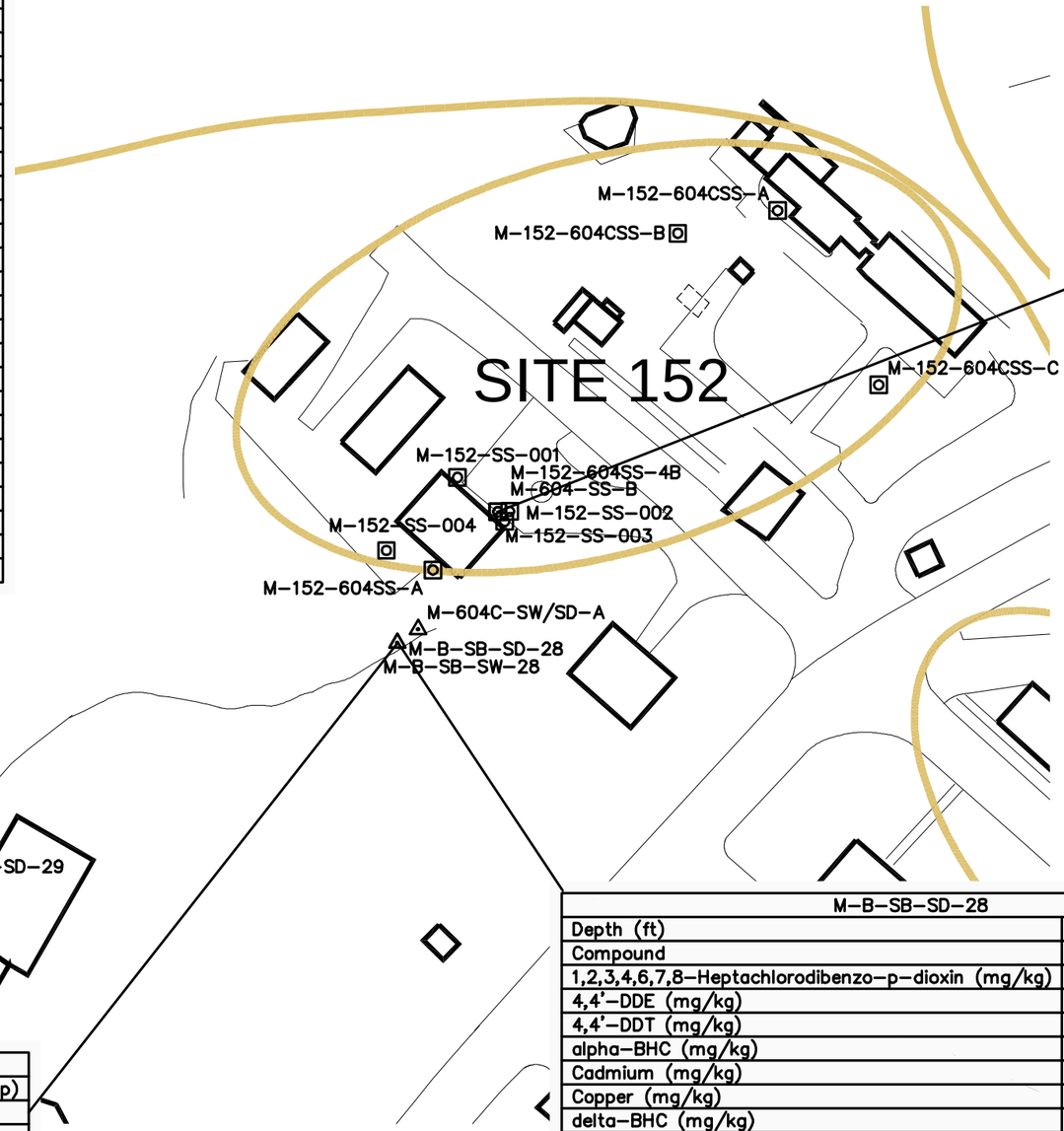
LAYOUT OF PICA 175/RI SITE 152
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-74

M-B-SB-SD-29		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'-DDT (mg/kg)	0.00119	0.01 NJ
Acenaphthene (mg/kg)	0.00671	0.11 J
Aldrin (mg/kg)	0.002	0.34 NJ
alpha-BHC (mg/kg)	0.00094	0.81 NJ
Anthracene (mg/kg)	0.03162	0.25 J
Benz(a)anthracene (mg/kg)	0.0317	0.63
Benzo(a)pyrene (mg/kg)	0.0319	0.41 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.51
Benzo(k)fluoranthene (mg/kg)	0.0272	0.22 J
beta-BHC (mg/kg)	0.00094	0.71 NJ
Chrysene (mg/kg)	0.0571	0.56
Copper (mg/kg)	28	40.4 J
Endrin (mg/kg)	0.00267	0.12 NJ
Endrin aldehyde (mg/kg)	0.00267	0.01 NJ
Fluoranthene (mg/kg)	0.06423	1.16
Fluorene (mg/kg)	0.0212	0.1 J
gamma-Chlordane (mg/kg)	0.0003	0.81 NJ
Heptachlor (mg/kg)	0.00060	0.02 NJ
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	0.19 J
Lead (mg/kg)	38.8	63.1 J
Naphthalene (mg/kg)	0.03275	0.09 J
Phenanthrene (mg/kg)	0.0419	1.01
Pyrene (mg/kg)	0.0530	1.05 J
Zinc (mg/kg)	171	175 J



M-604-SS-B		
Depth (ft)		0-1
Compound	LOC	Conc
2,4-DNT (mg/kg)	4.2	6.6

M-B-SB-SW-28			
Date		03/10/99	03/10/99 (dup)
Compound	LOC	Conc	Conc
Aluminum (ug/l)	190	210	NE
Lead (ug/l)	3.2	5.2	ND

M-B-SB-SD-28		
Depth (ft)		0 – 1
Compound	LOC	Conc
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (mg/kg)	0.000085	0.01 J
4,4'-DDE (mg/kg)	0.00142	0.4 NJ
4,4'-DDT (mg/kg)	0.00119	0.44 NJ
alpha-BHC (mg/kg)	0.00094	0.65 NJ
Cadmium (mg/kg)	1.70	2.29
Copper (mg/kg)	28	30.4
delta-BHC (mg/kg)	0.00094	0.13 NJ
Heptachlor (mg/kg)	0.00060	0.01 NJ
Lead (mg/kg)	38.8	81.7 J

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

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User Name : AFOX

0 60
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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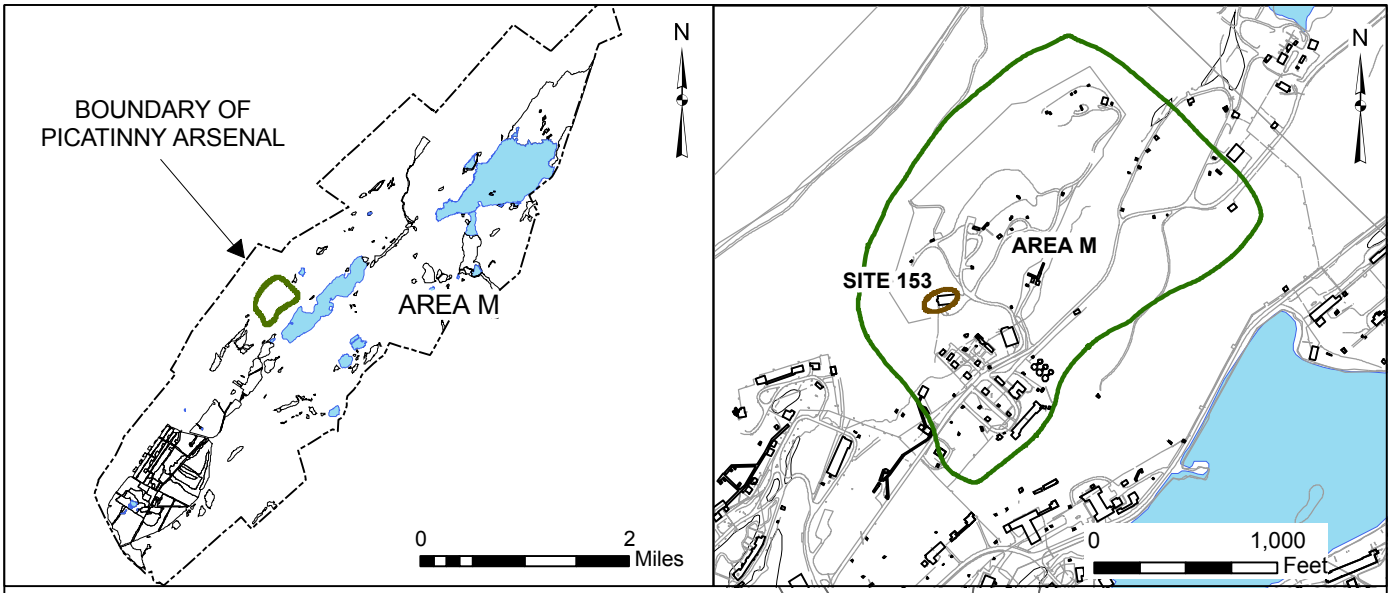
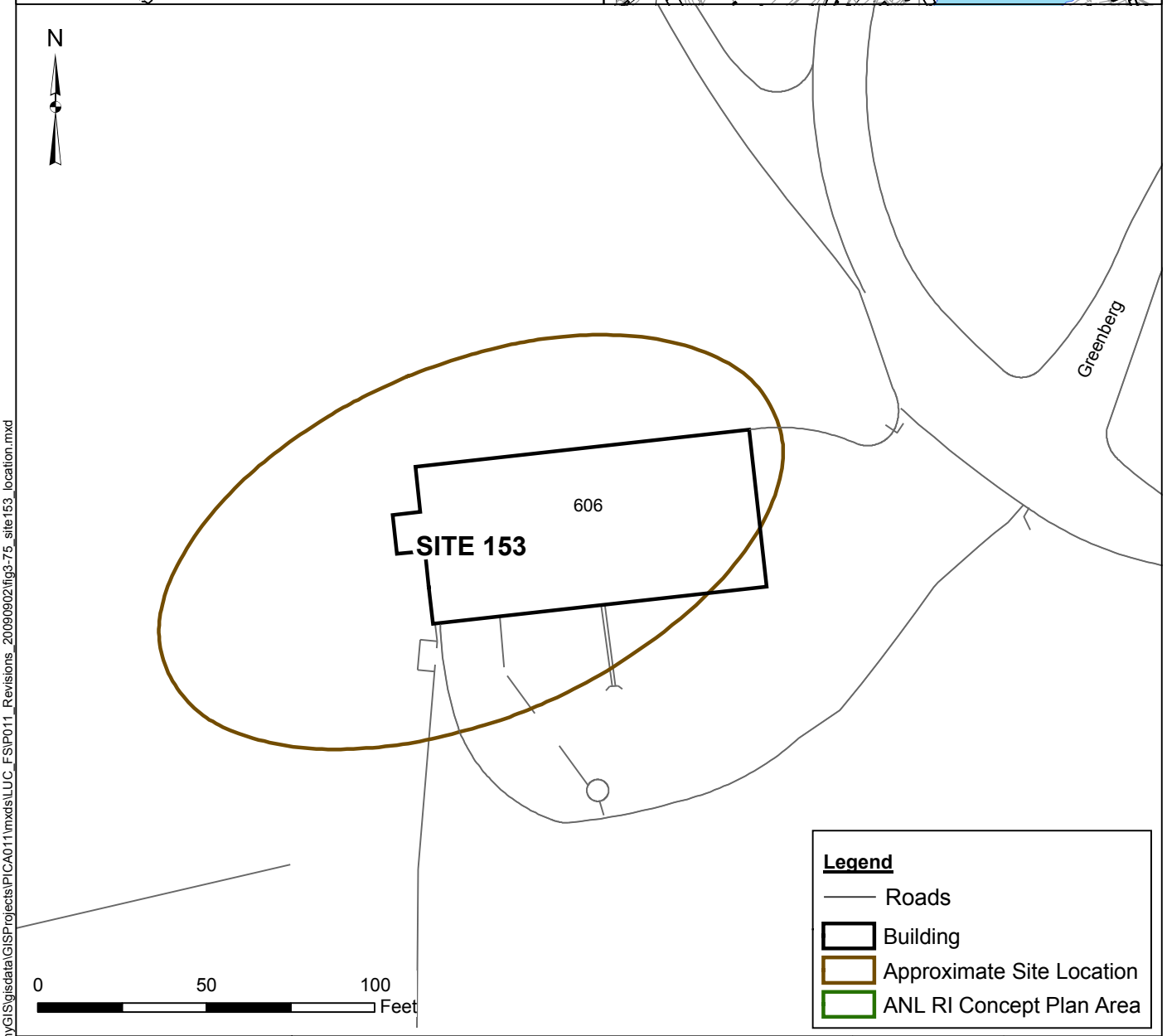
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 175/RI SITE 152 BUILDINGS 604 AND 604C ORDNANCE FACILITY

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-75





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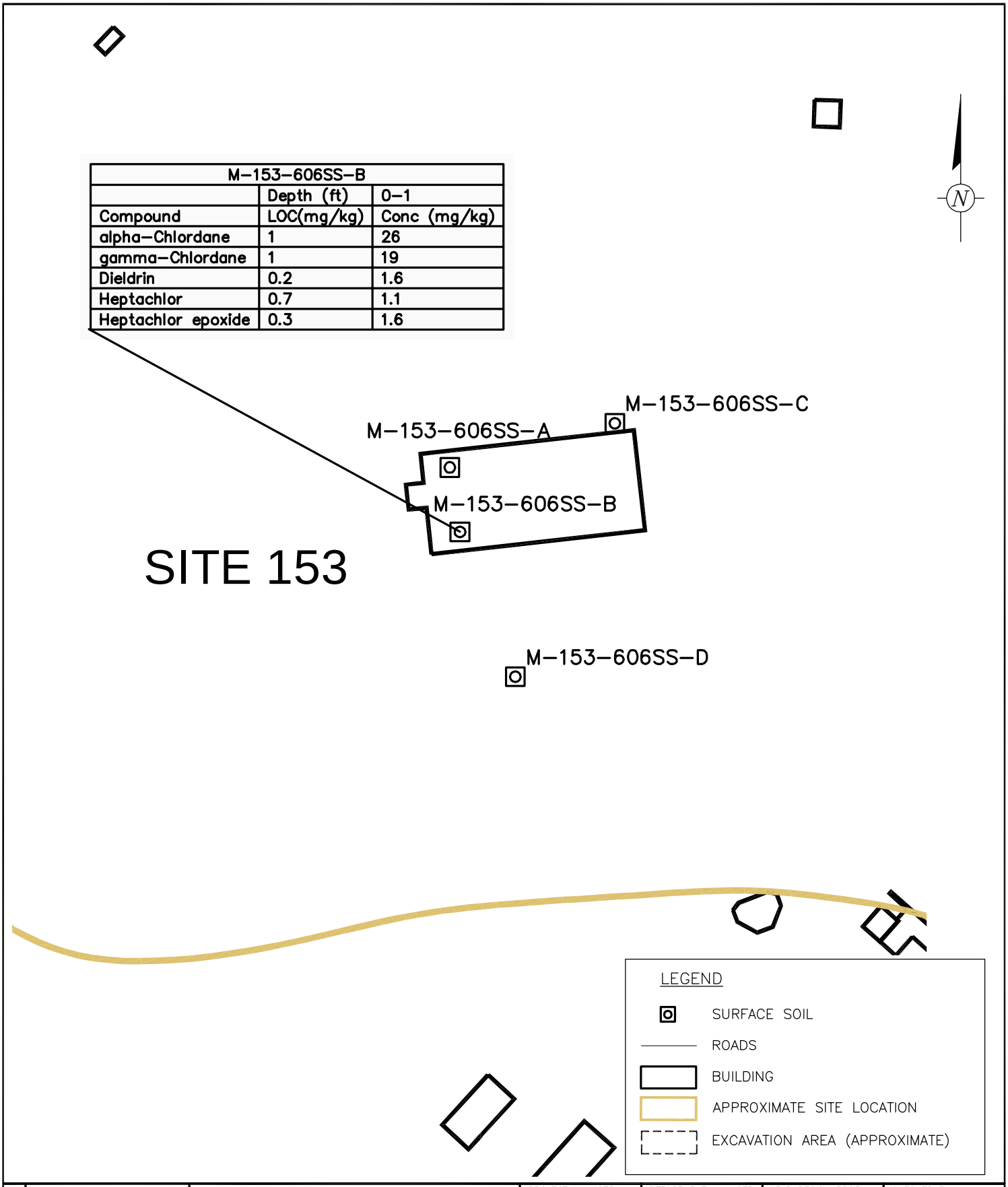
LAYOUT OF PICA 175/RI SITE 153
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-76

M-153-606SS-B		
	Depth (ft)	0-1
Compound	LOC(mg/kg)	Conc (mg/kg)
alpha-Chlordane	1	26
gamma-Chlordane	1	19
Dieldrin	0.2	1.6
Heptachlor	0.7	1.1
Heptachlor epoxide	0.3	1.6



0 60
SCALE IN FEET

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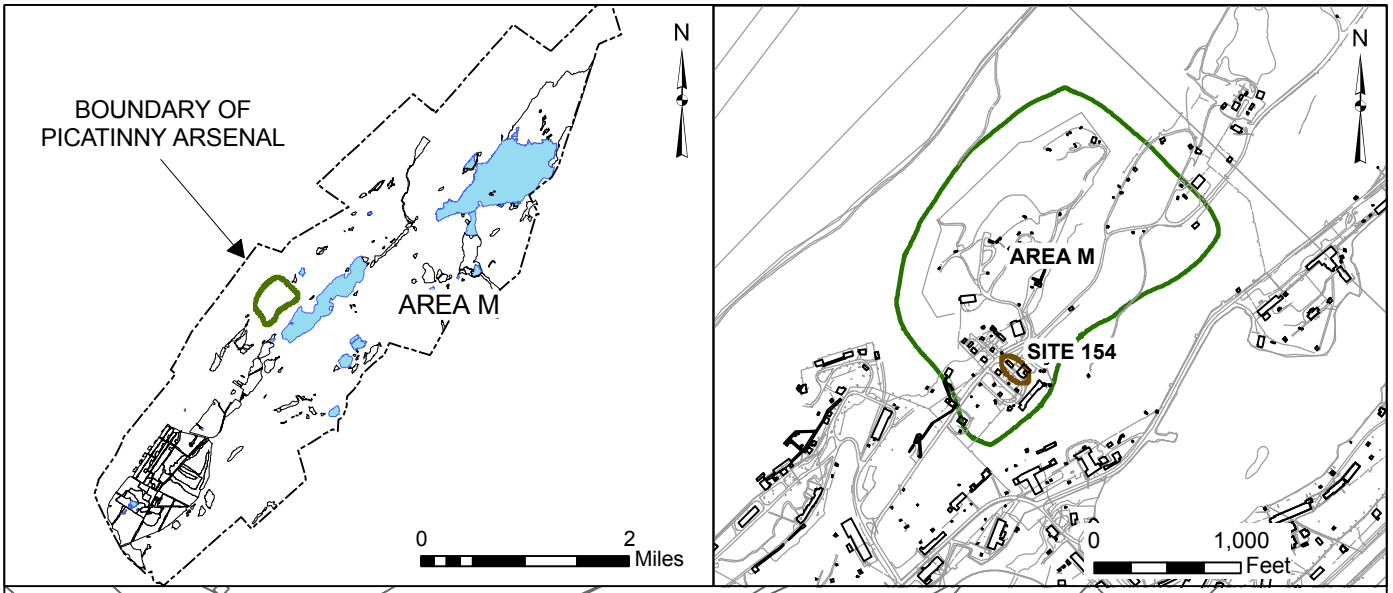
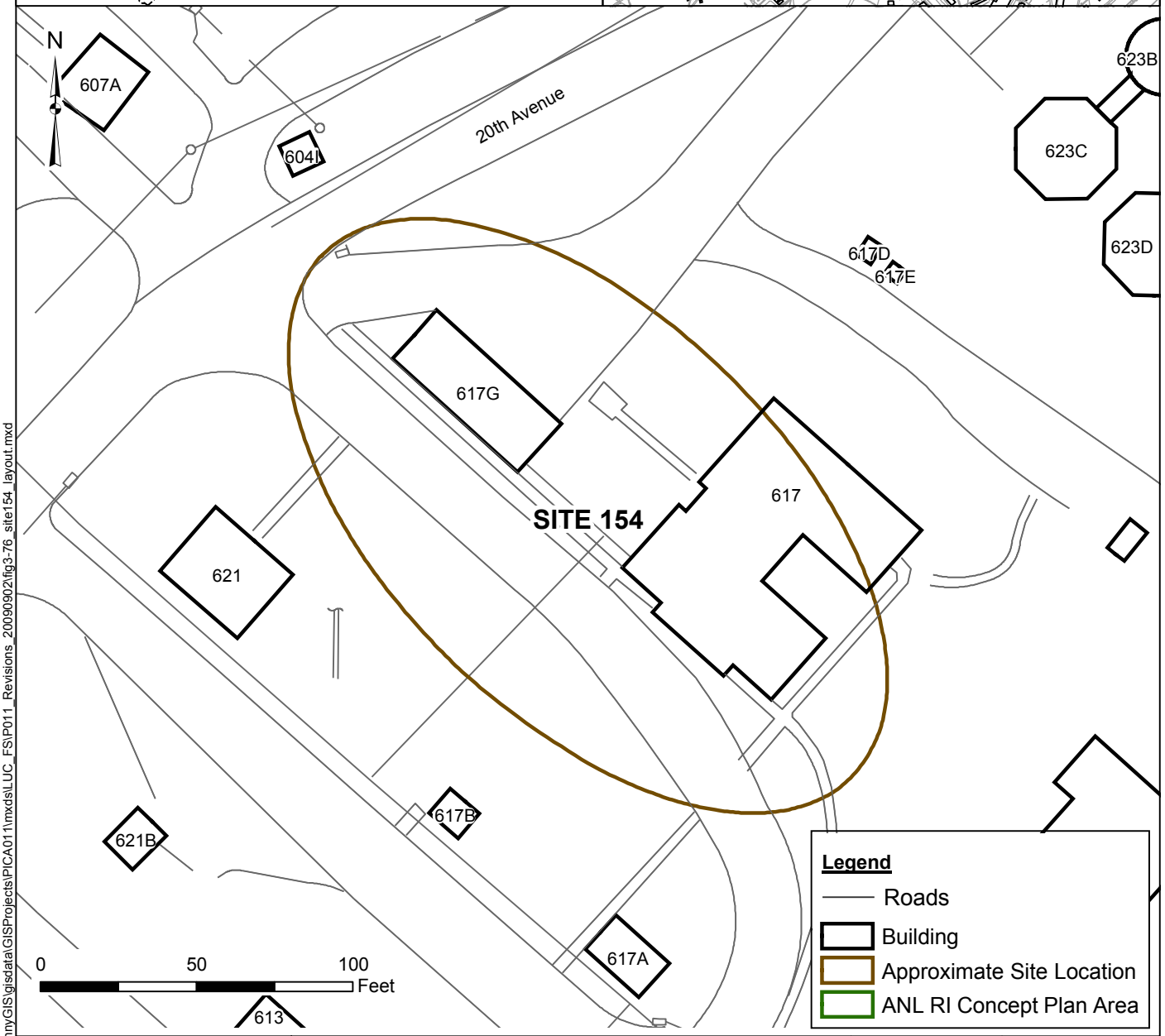
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. TIPTON	T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 175/RI SITE 153 BUILDING 606, ORDINANCE FACILITY		TASK/PHASE NUMBER: T. LLEWELLYN	DRAWN BY: A. FOX
		PROJECT NUMBER: GP06PICA.P011	DRAWING NUMBER: 3-77





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LAYOUT OF PICA 175/RI SITE 154
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-78

LEGEND

◘	SURFACE SOIL
	ROADS
	WATER BODIES
	BUILDING
	APPROXIMATE SITE LOCATION
D	ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
J	ESTIMATED VALUE
NA	NOT ANALYZED
ND	NOT DETECTED
NE	NO EXCEEDENCE

0 50
SCALE IN FEET

PLOT SIZE: 17x22

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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE

HISTORICAL SAMPLE LOCATIONS
PICA 175/RI SITE 154
BUILDINGS 617, 617G

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER

GP06PICA.P011

DRAWING NUMBER

3-79

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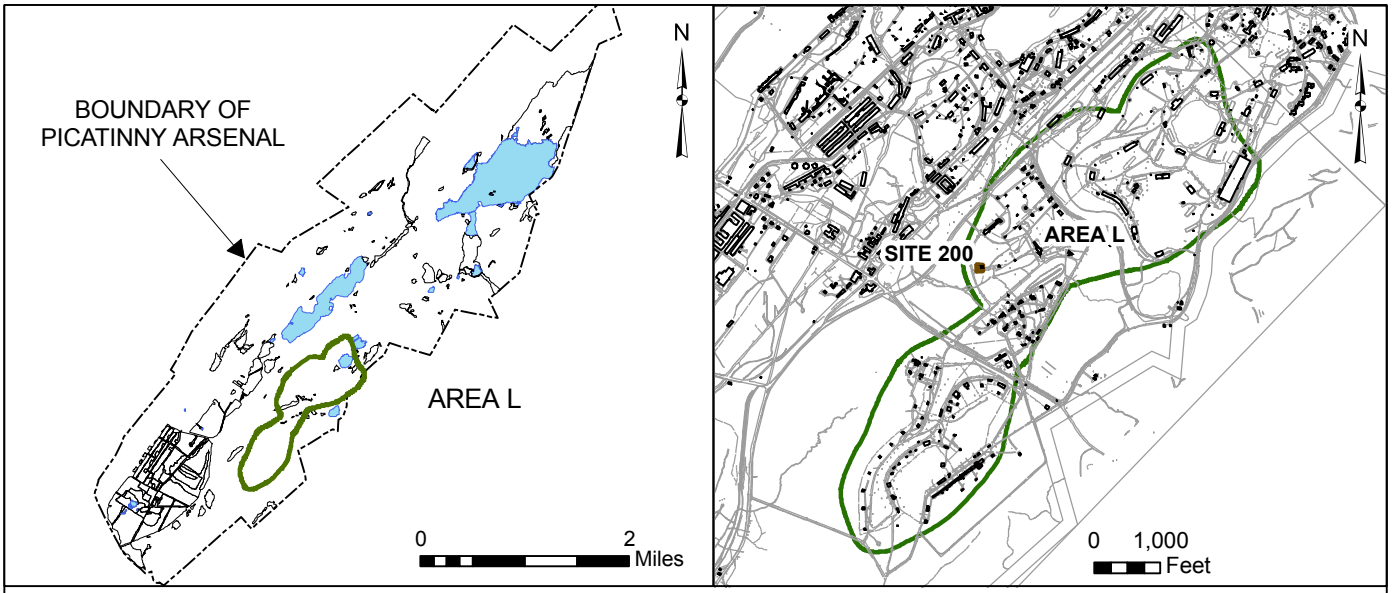

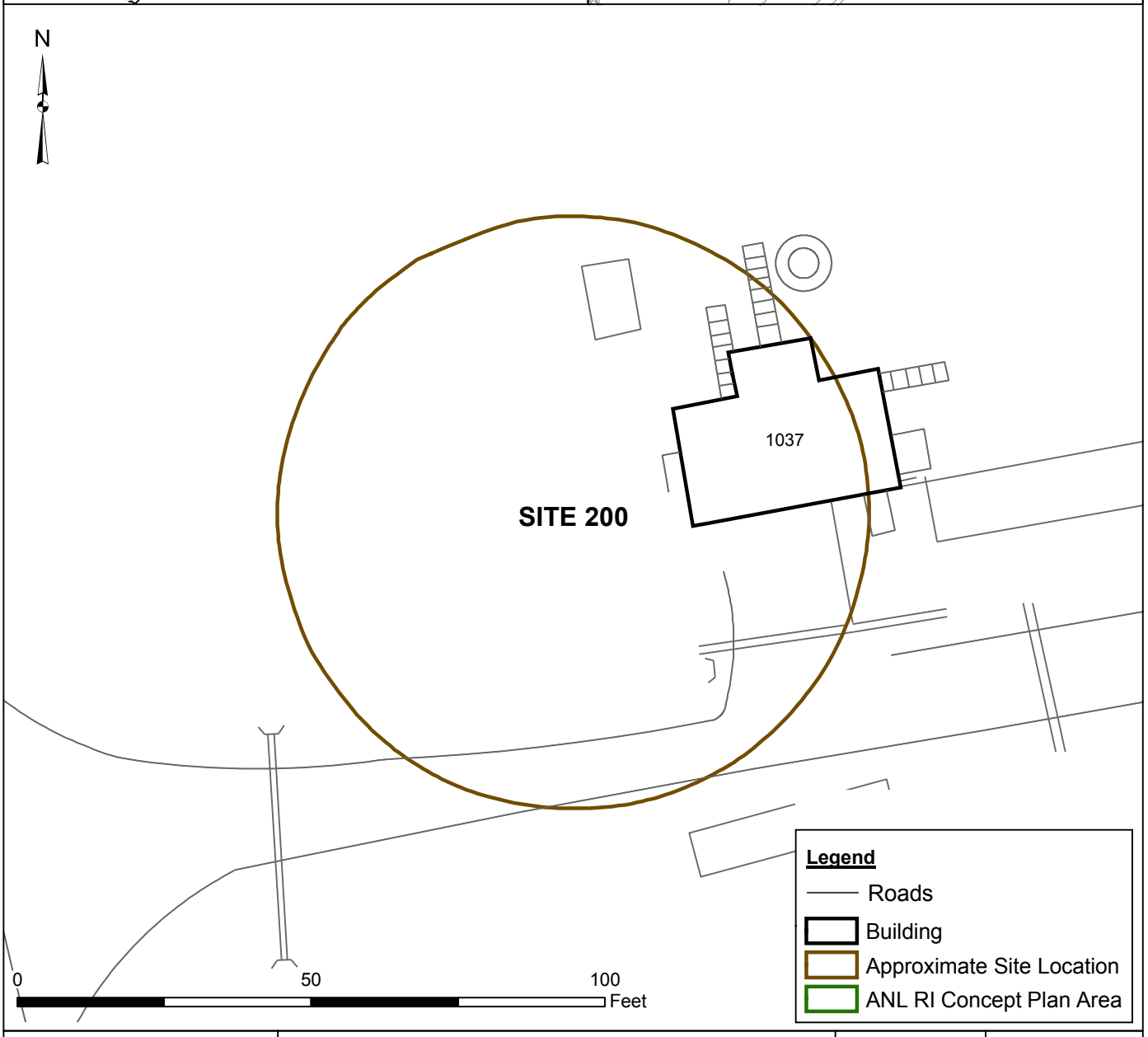

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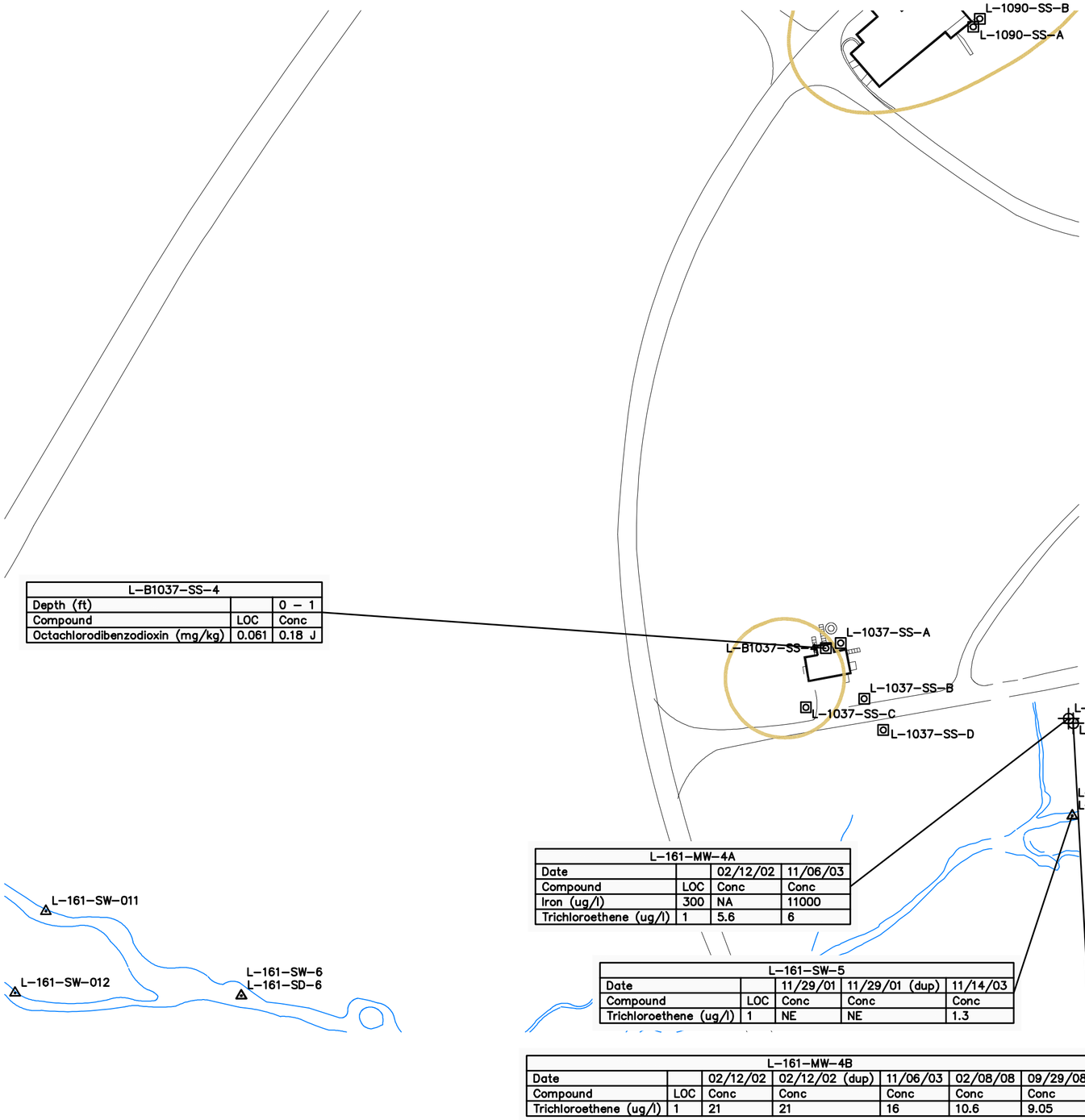
LAYOUT OF PICA 200/RI SITE 200
BUILDING 1037
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-80



L-B1037-SS-4		
Depth (ft)		0 – 1
Compound	LOC	Conc
Octachlorodibenzodioxin (mg/kg)	0.061	0.18 J

L-161-MW-4A			
Date		02/12/02	11/06/03
Compound	LOC	Conc	Conc
Iron (ug/l)	300	NA	11000
Trichloroethene (ug/l)	1	5.6	6

L-161-SW-5				
Date		11/29/01	11/29/01 (dup)	11/14/03
Compound	LOC	Conc	Conc	Conc
Trichloroethene (ug/l)	1	NE	NE	1.3

L-161-MW-4B						
Date		02/12/02	02/12/02 (dup)	11/06/03	02/08/08	09/29/08
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Trichloroethene (ug/l)	1	21	21	16	10.6	9.05

LEGEND

- ▲ POST-EXCAVATION SOIL SAMPLE
- ◬ SURFACE SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- D ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J ESTIMATED VALUE
- NA NOT ANALYZED
- ND NOT DETECTED
- NE NO EXCEEDENCE

0 80
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE

HISTORICAL LOC EXCEEDENCES
DATA AT PICA 200/SITE 200
BUILDING 1037
WASTEWATER INCINERATOR

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-81

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
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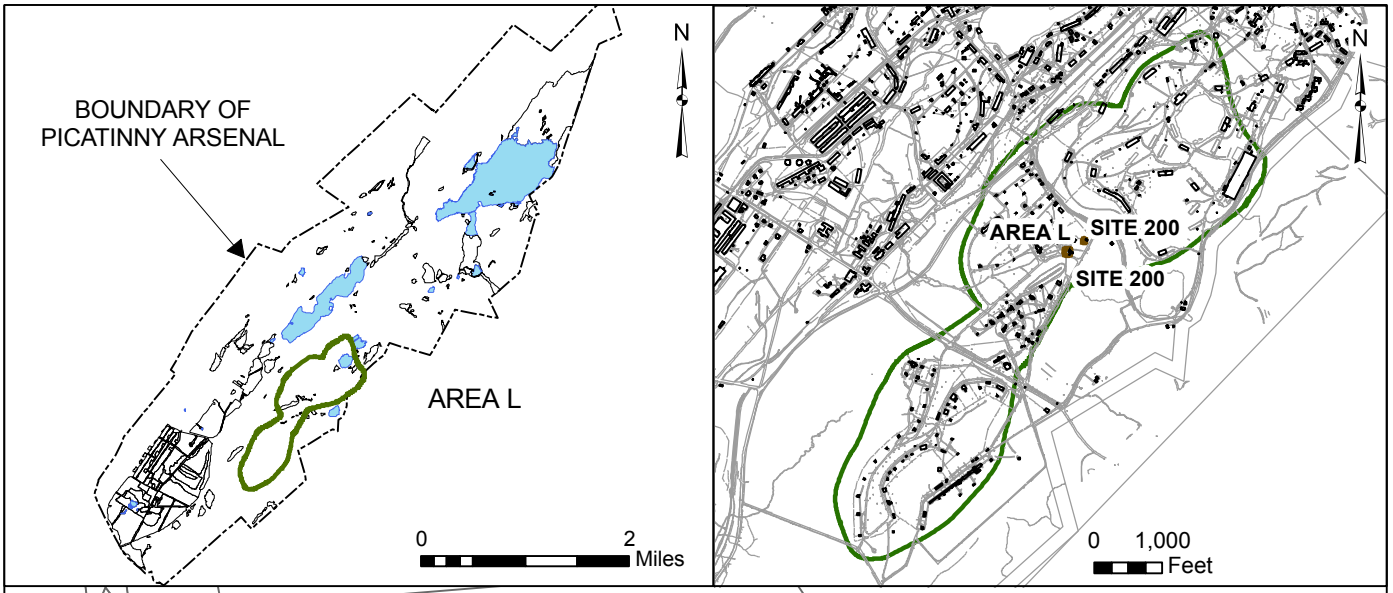

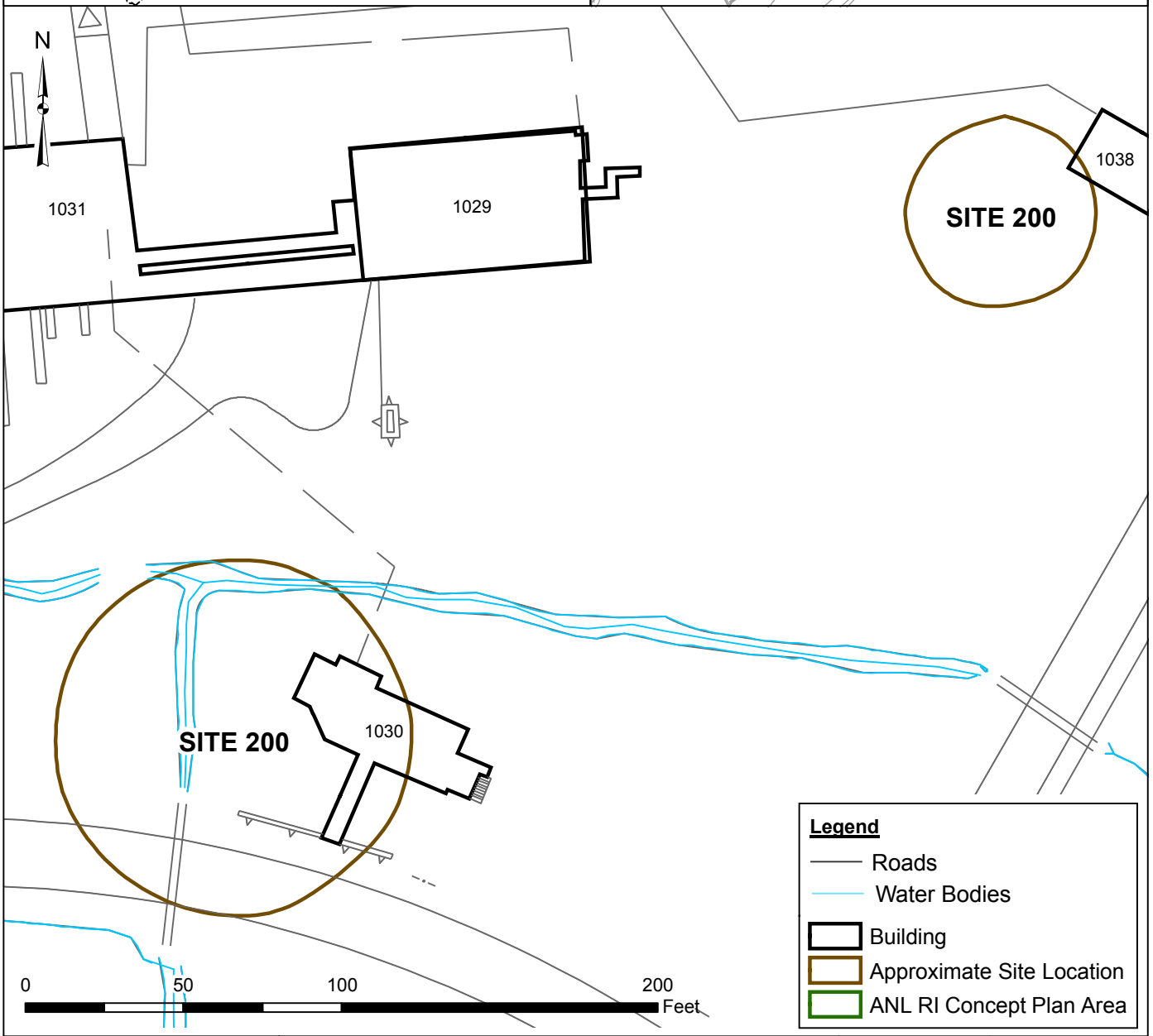

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LAYOUT OF PICA 200/RI SITE 200
BUILDINGS 1030 AND 1038
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-82

L-B1038-MW-2				
Date		11/04/03	06/08/04	09/29/08
Compound	LOC	Conc	Conc	Conc
Trichloroethene (ug/l)	1	68 D	68 D	45.1

L-B1038-MW-1						
Date		09/19/01	11/04/03	06/08/04	02/06/08	09/29/08
Compound	LOC	Conc	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	3600 J	NA	NA	NA	NA
Iron (ug/l)	300	6400 J	1200	NA	NA	NA
Manganese (ug/l)	50	140 J	NA	NA	NA	NA
Tetrachloroethene (ug/l)	1	ND	ND	ND	1.13	ND
Trichloroethene (ug/l)	1	89 D	59 D	58 D	84.3	14.8

L-B1030-SS-1		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	16.0	56.1 J

L-B1030-SS-3		
Depth (ft)		0 - 1
Compound	LOC	Conc
Arsenic (mg/kg)	16.0	62.6 J

L-PZ-01			
Date		10/31/01	05/05/04
Compound	LOC	Conc	Conc
Trichloroethene (ug/l)	1	2.9	29

L-B1038-MW-3					
Date		11/04/03	06/21/04	02/06/08	09/29/08
Compound	LOC	Conc	Conc	Conc	Conc
Trichloroethene (ug/l)	1	44 D	45 D	45.9	41.1

L-B1038-MW-4			
Date		06/14/04	09/29/08
Compound	LOC	Conc	Conc
Trichloroethene (ug/l)	1	30	24

L-18-MW-1
L-18-MW-2
L-1031-SS-F
L-1031-SS-D
L-1031-SS-A
L-1031-SS-C
L-1031-SS-G
L-1031-SS-B
L-161-MW-002
L-161-MW-3
L-161-SW-002
L-161-SD-002
L-161-SW-003
L-161-SD-003
L-1030-SS-A
L-B1030-SS-1
L-161-SW-007
L-1030-SS-4
L-B1030-SS-2
L-1030-SS-B
L-B1030-SS-3
L-B1030-SS-5
L-1030-SS-C
L-1030-SS-2
L-161-SW-001
L-161-SD-001
L-161-SW-008
L-161-MW-001C
L-161-MW-1
L-161-MW-1B
L-B1038-SS-A
L-B1038-SS-B
L-B1038-MW-2
L-B1038-MW-1
L-B1038-SB-2
L-B1038-SB-3
L-B1038-SB-1
L-PZ-01
L-B1038-MW-3
L-B1038-MW-4

N

LEGEND

- ▲ POST-EXCAVATION SOIL SAMPLE
- △ SURFACE SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- D ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J ESTIMATED VALUE
- NA NOT ANALYZED
- ND NOT DETECTED
- NE NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

ARCADIS
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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT PICA 200/SITE 200
BUILDINGS 1030 & 1038

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER
GP06PICA.P011

DRAWING NUMBER
3-83

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 - 11:09am
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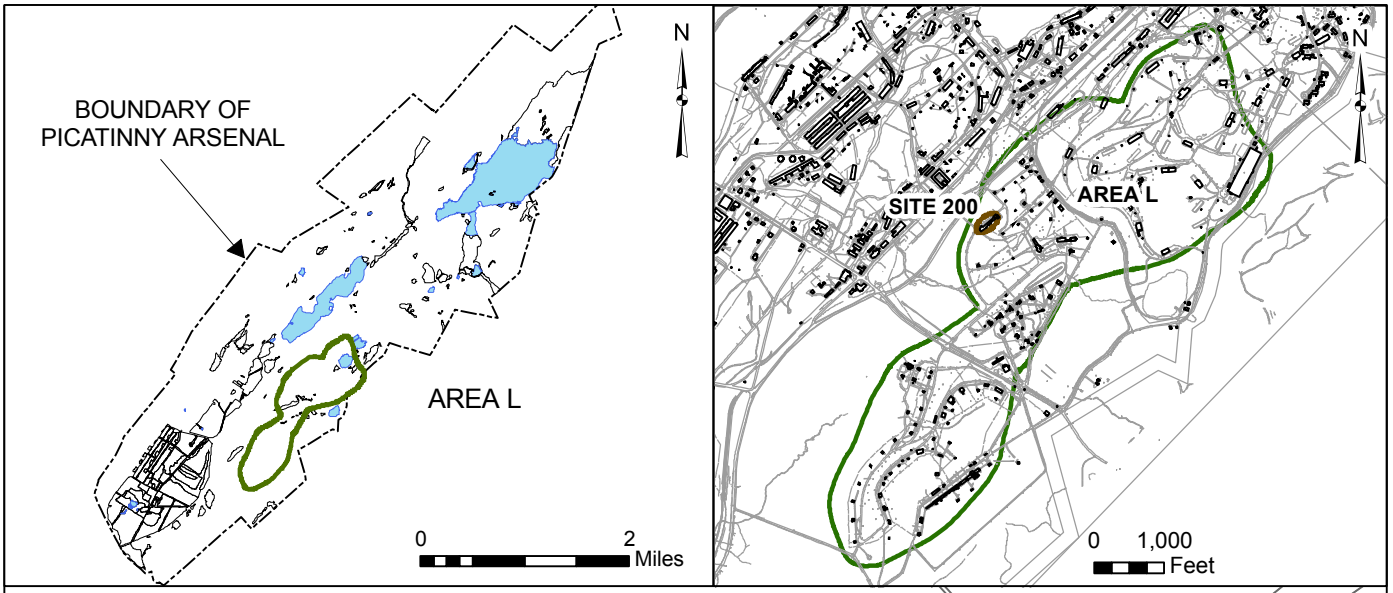

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LAYOUT OF PICA 200/RI SITE 200
BUILDING 1090
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-84

L-138-MW-5B				
Date		02/06/02	11/18/03	10/02/08
Compound	LOC	Conc	Conc	Conc
RDX (ug/l)	2	12 JD	42 D	22.6
Trichloroethene (ug/l)	1	1.1	NE	NA

L-B1090-MW-1						
Date		09/18/01	09/18/01 (dup)	02/06/02	11/18/03	02/08/08
Compound	LOC	Conc	Conc	Conc	Conc	Conc
RDX (ug/l)	2	16 D	16 D	11 D	38 D	19.6

L-B1090-MW-2			
Date		06/21/04	09/29/08
Compound	LOC	Conc	Conc
1,2-Dichloroethane (ug/l)	2	2.3	2.06
Benzene (ug/l)	1	3.8	1.25
Trichloroethene (ug/l)	1	15	6.51

L-138-MW-5B
L-B1090-MW-1
L-B1090-MW-2
L-1090-SS-D
L-1090-SS-C
L-B1090-SB-1
L-1090-SS-B
L-1090-SS-A

N

LEGEND

- ▲ POST-EXCAVATION SOIL SAMPLE
- ◬ SURFACE SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- D ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J ESTIMATED VALUE
- NA NOT ANALYZED
- ND NOT DETECTED
- NE NO EXCEEDENCE

0 60
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN
DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST
CHECKED BY: T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT PICA 200/RI SITE 200
BUILDING 1090
ASSEMBLY AND PACKING BUILDING

TASK/PHASE NUMBER: EA001
DRAWN BY: A. FOX
PROJECT NUMBER: GP06PICA.P011
DRAWING NUMBER: 3-85

Date\Time : Fri, 25 Sep 2009 - 11:11am
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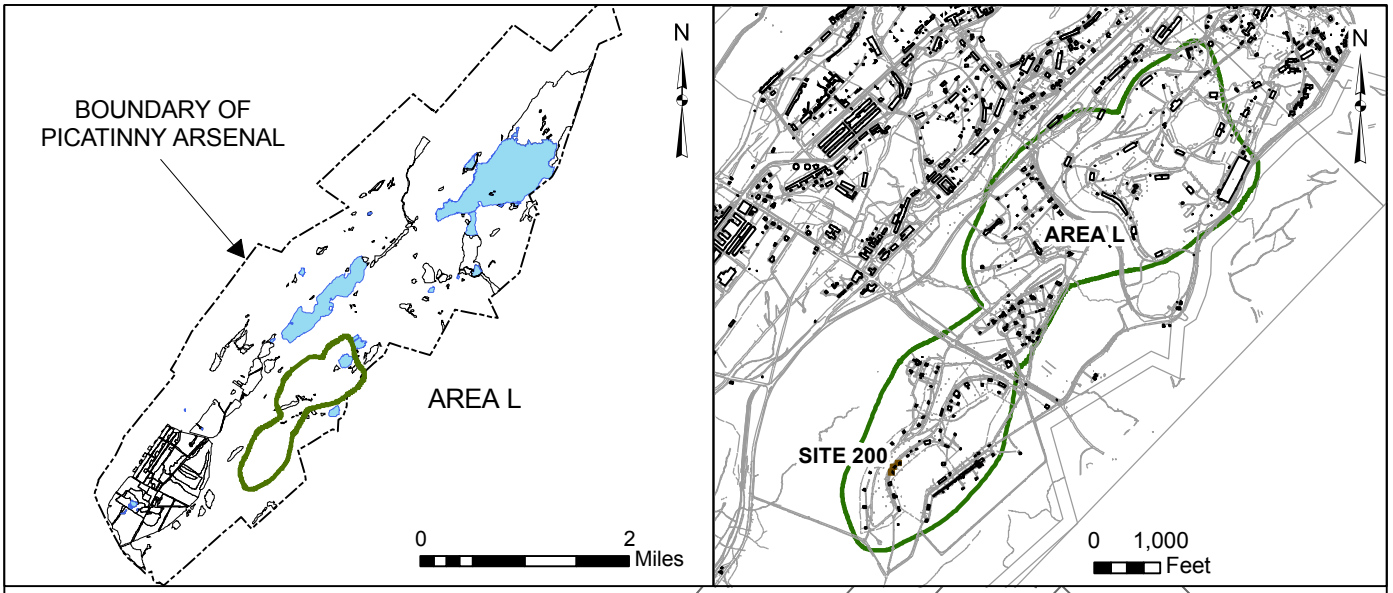
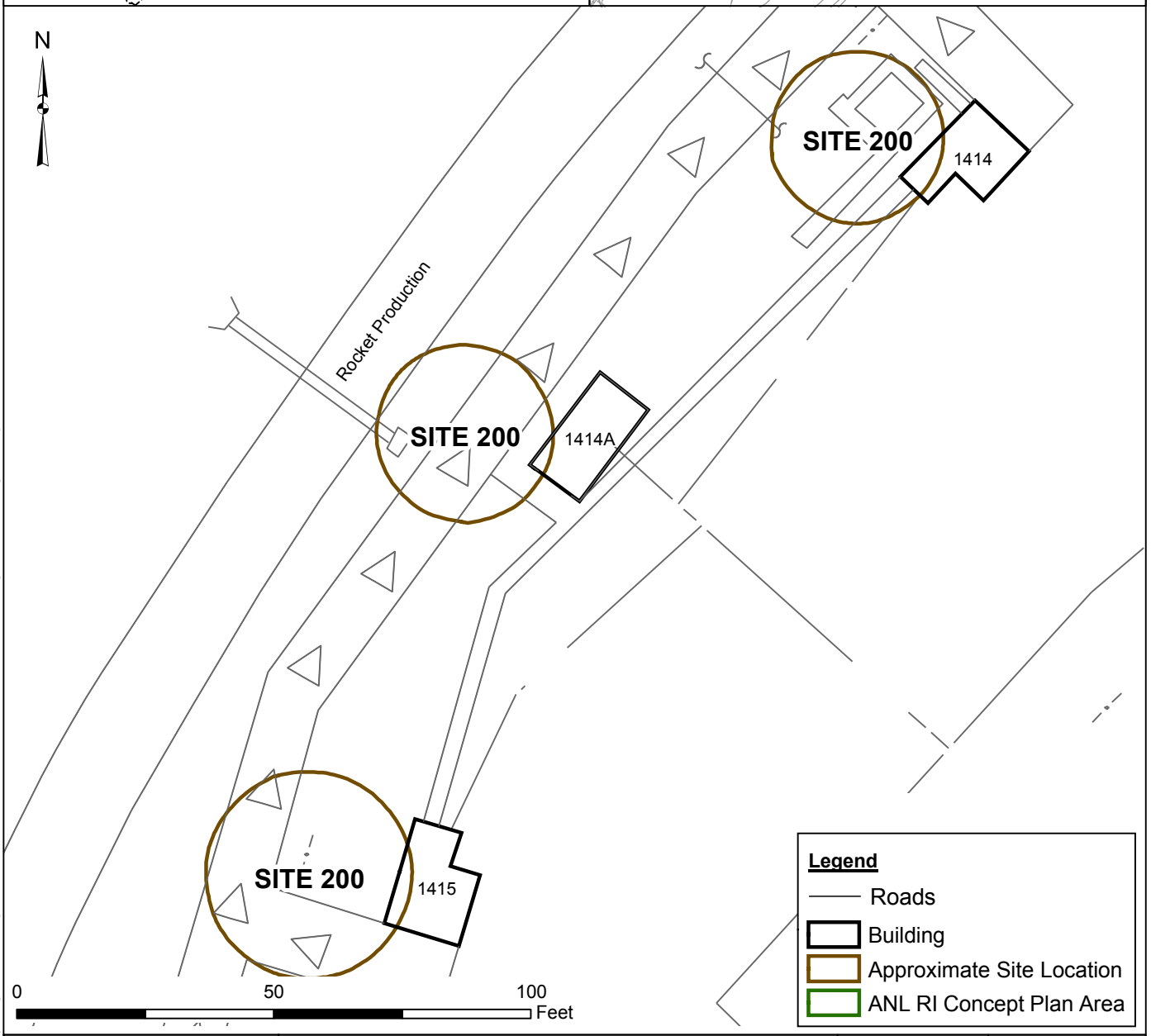
User Name : AFOX





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LAYOUT OF PICA 200/RI SITE 200
BUILDING 1414, 1414A AND 1415
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-86

L-1414A-SS-B		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.3 J

L-B1414A-SS-4		
Depth (ft)		1 – 2
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.33 J

L-B1414A-SS-2		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.22 J

L-B1414A-SS-2
L-B1414A-SS-4
L-1414A-SS-B
L-B1414A-SS-1
L-B1414A-SS-3

L-B1414-SS-2
L-1414-SS-A
L-B1414-SS-4
L-B1414-SS-3
L-1414-SS-D
L-B1414-SS-5
L-1414-SS-C

L-1414-SS-A

L-B1415-SS-1
L-B1415-SS-2
L-1415-SS-A
L-B1415-SS-4
L-B1415-SS-3
L-1415-SS-C
L-1415-SS-B

N

LEGEND

- ▲ POST-EXCAVATION SOIL SAMPLE
- ◬ SURFACE SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- D ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J ESTIMATED VALUE
- NA NOT ANALYZED
- ND NOT DETECTED
- NE NO EXCEEDENCE

0 20
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 200/RI SITE 200 BUILDINGS 1414, 1414A, & 1415

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-87

Acad Version : R17.1s (LMS Tech)
User Name : AFOX
Date\Time : Fri, 25 Sep 2009 - 11:14am
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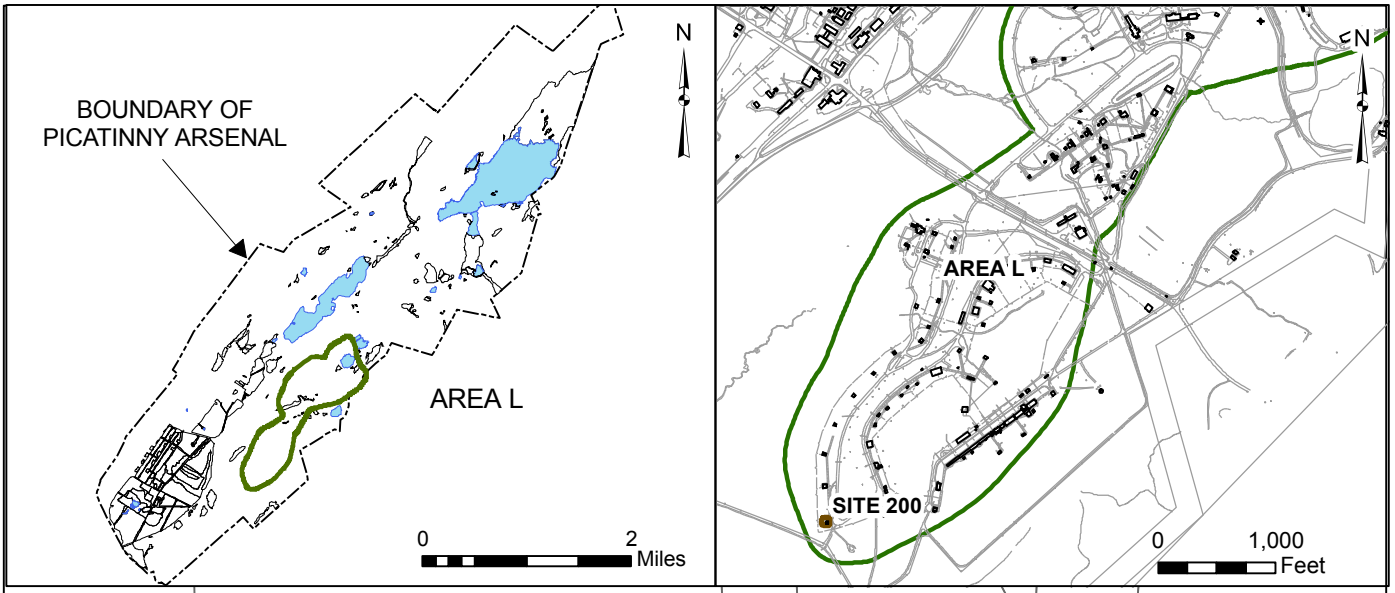

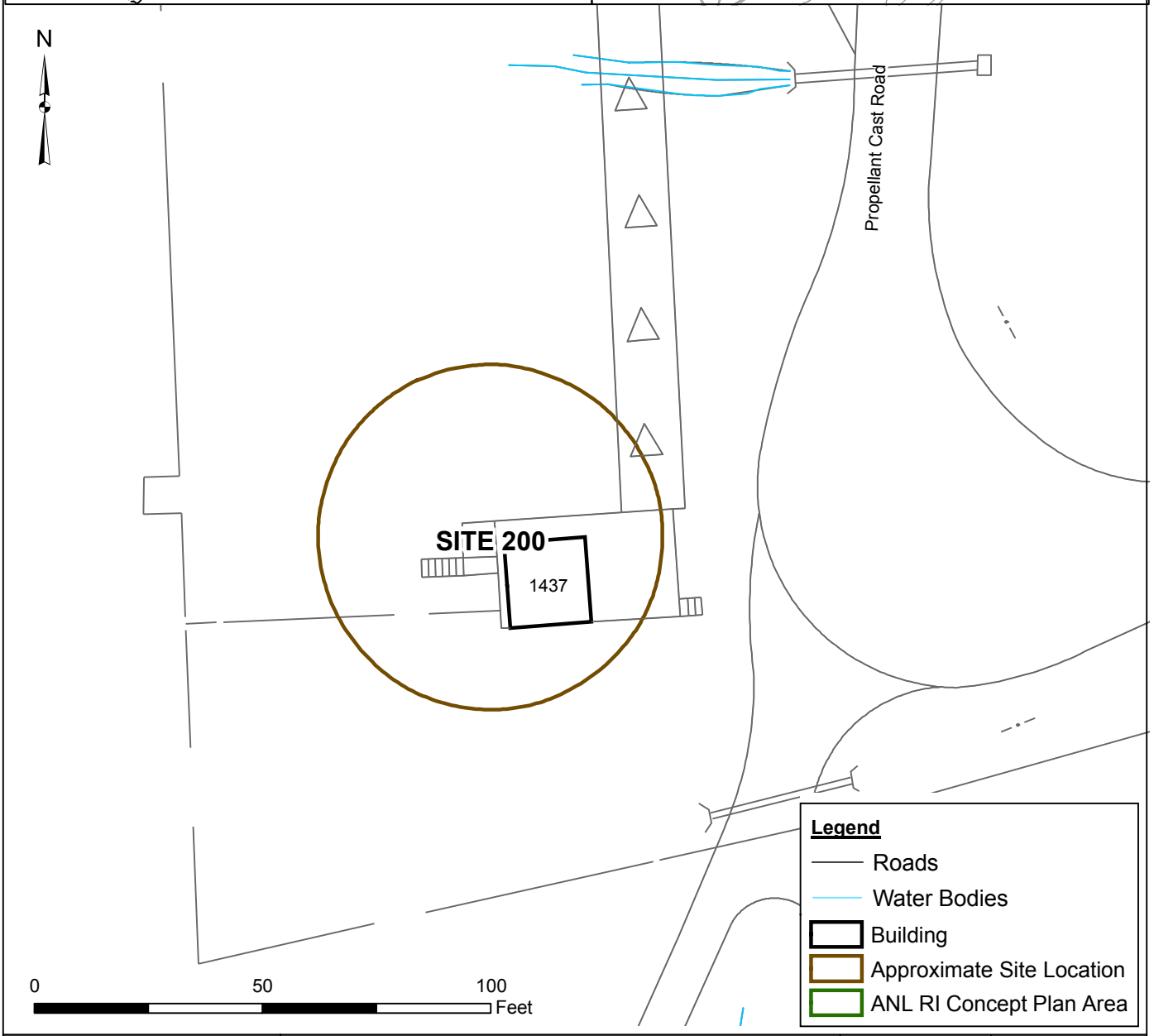

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LAYOUT OF PICA 200/RI SITE 200
BUILDING 1437
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-88

L-B1437-MW-1			
Date		12/29/00	12/29/00 (dup)
Compound	LOC	Conc	Conc
Aluminum (ug/l)	200	1600	610
Iron (ug/l)	300	1300	570

L-B1437-MW-1

L-B1437-SS-2
L-143-7-SS-EX1-B-1
L-1437-SS-C
L-1437-SS-E
L-B1437-SS-1
L-1437-SS-B
L-B1437-SS-3
L-1437-SS-A
L-1437-SS-D

N

LEGEND

- ▲ POST-EXCAVATION SOIL SAMPLE
- ◬ SURFACE SEDIMENT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- D ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J ESTIMATED VALUE
- NA NOT ANALYZED
- ND NOT DETECTED
- NE NO EXCEEDENCE

Date\Time : Fri, 25 Sep 2009 - 11:13am
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User Name : AFOX

0 20
SCALE IN FEET

PLOT SIZE: 17x22

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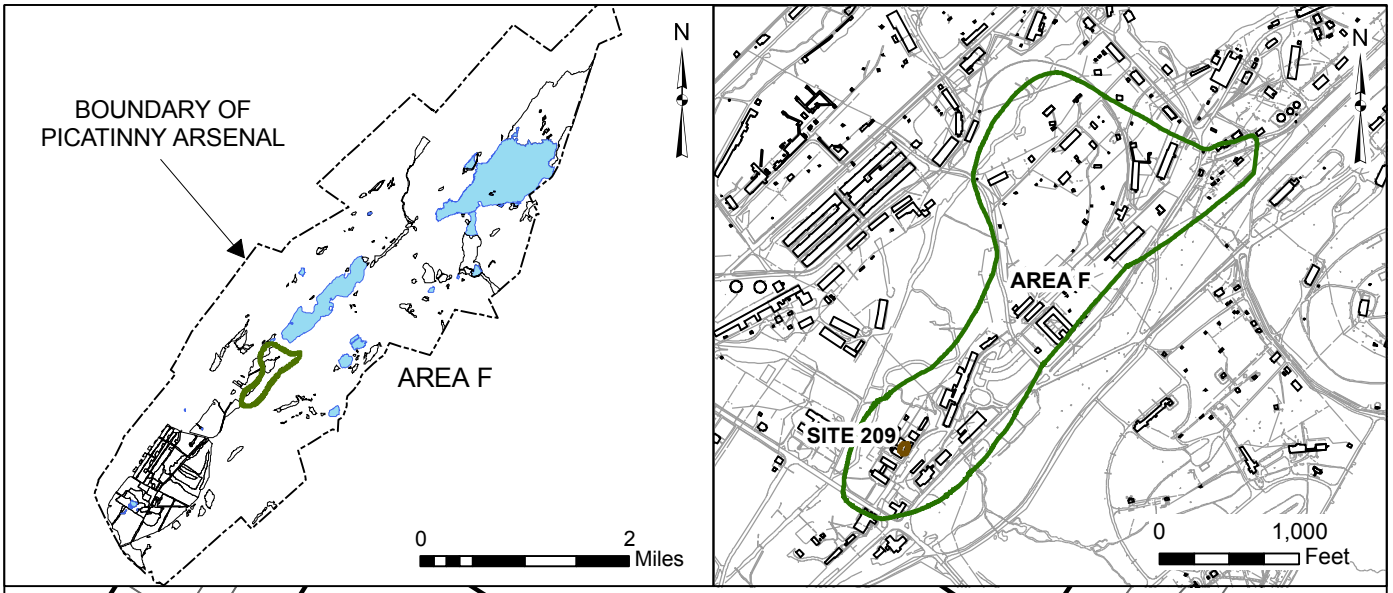
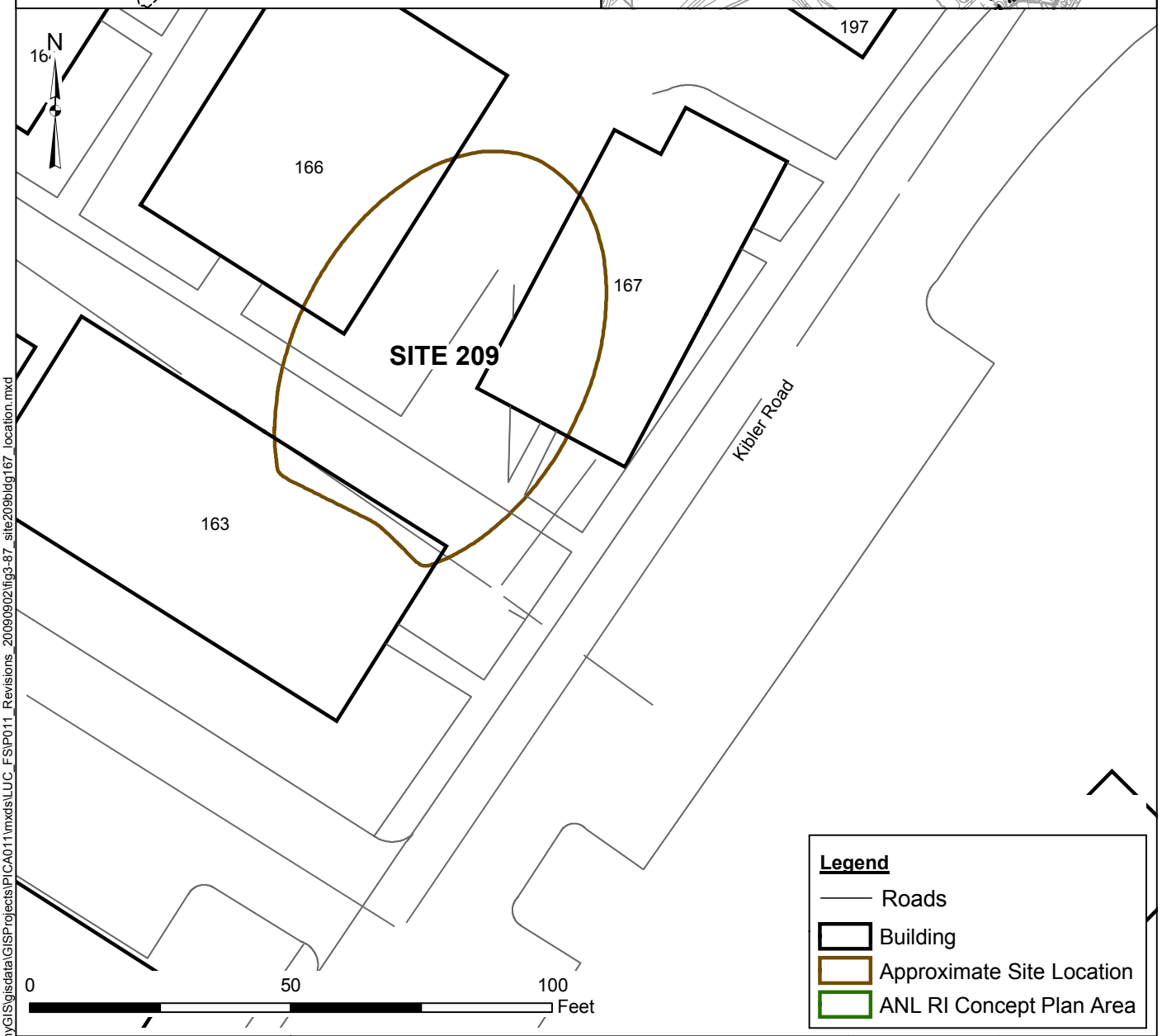
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES
DATA AT PICA 200/RI SITE 200
BUILDING 1437
PROPELLANT POWDER PLANT

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-89





Legend

- Roads
- Building
- Approximate Site Location
- ANL RI Concept Plan Area

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LAYOUT OF PICA 209/RI SITE 209
BUILDING 167
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-90

F-B167-SS-17			
Depth (ft)		1 – 2	1 – 2 (dup)
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.48	ND

F-B167-SS-14		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.24 J

F-EX167-SWW-1		
Depth (ft)		1 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.87 D

F-EX167-B-1		
Depth (ft)		2 – 2
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.4

F-MW167-3			
Date		09/27/00	09/27/00 (dup)
Compound	LOC	Conc	Conc
Manganese (ug/l)	50	1000 J	1100 J
Sodium (ug/l)	50000	92900 J	89800 J
Tetrachloroethene (ug/l)	1	2.8	2.9
Trichloroethene (ug/l)	1	6.3 J	6.4 J

F-B167-SS-7		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	7 D
Benzo(a)pyrene (mg/kg)	0.2	7.1 D
Benzo(b)fluoranthene (mg/kg)	2	14 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.4 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	6 D

BLD. 167
SITE 209

F-B167-SS-9
F-B167-SS-10
F-B167-SS-3
F-B167-SS-11
F-MW167-3
F-B167-SS-13
F-B167-SS-12
F-104-MW-1
F-MW167-2
F-B167-SS-14
F-B167-SS-15
F-B167-SS-17
F-EX167-SWW-2
F-EX167-B-1
F-EX167-SWW-1
F-B167-SS-7
F-B167-SS-6
F-B167-SS-16
F-MW167-1
F-B167-SS-8

F-104-MW-1					
Date		07/21/99	09/21/00	11/20/03	09/30/08
Compound	LOC	Conc	Conc	Conc	Conc
Sodium (ug/l)	50000	101000	98200	NA	NA
Trichloroethene (ug/l)	1	5.9	5.5 J	6.1	1.52

F-B167-SS-6		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.28 J

F-EX167-SWW-2		
Depth (ft)		1 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.48 JD

F-MW167-1		
Date		09/21/00
Compound	LOC	Conc
Aluminum (ug/l)	200	1100 J
Manganese (ug/l)	50	560

F-B167-SS-8		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.34 J

F-MW167-2		
Date		09/21/00
Compound	LOC	Conc
Aluminum (ug/l)	200	450 J

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 30
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

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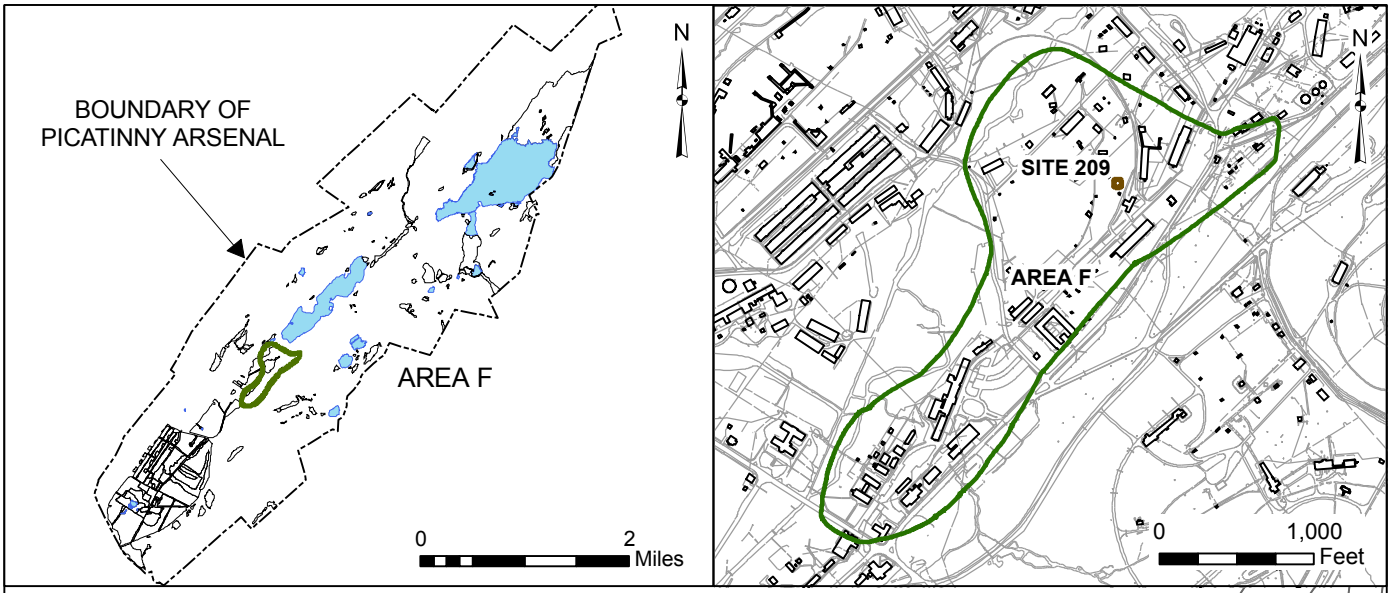
PROJECT TITLE

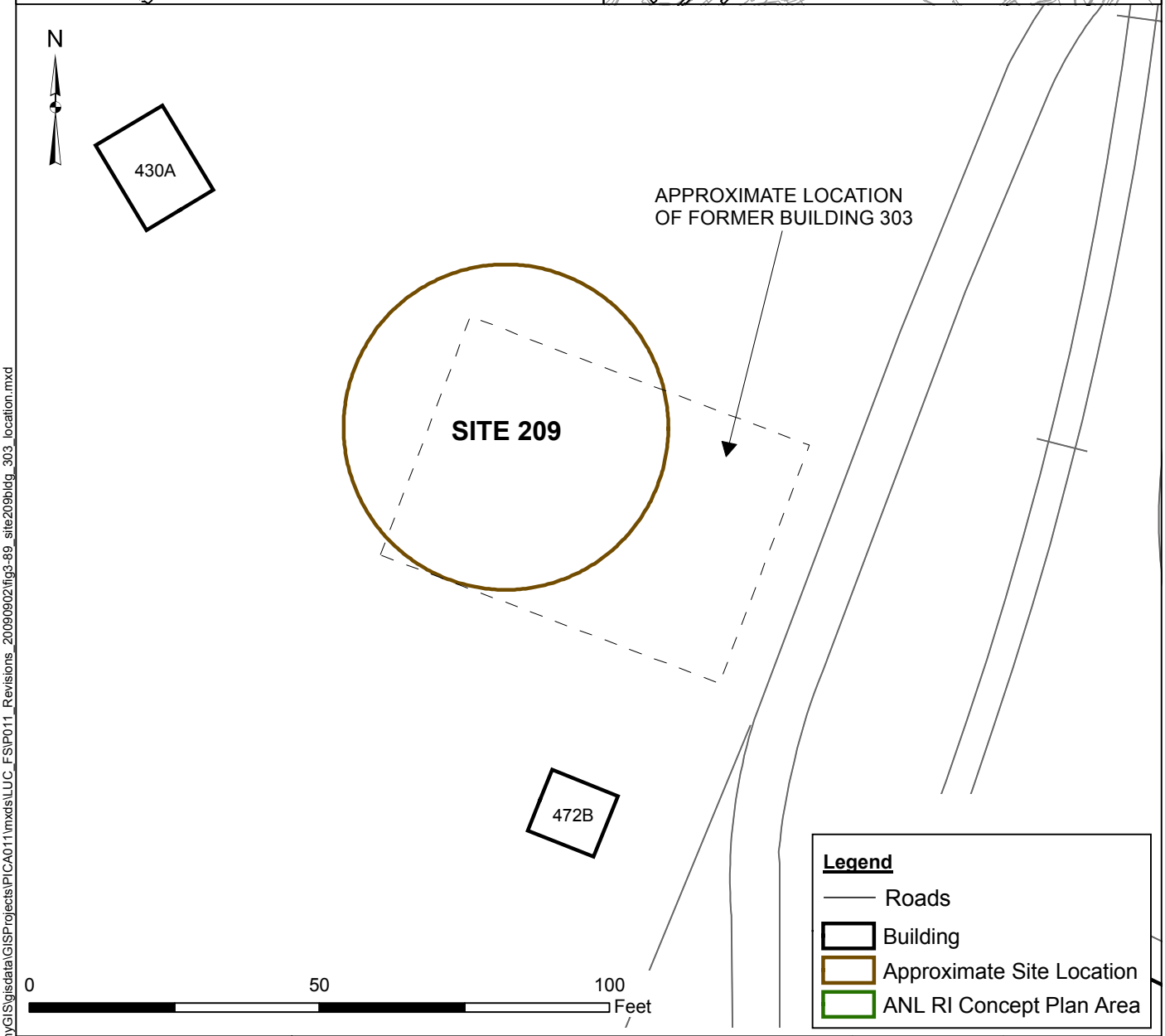
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 209/RI SITE 209 BUILDING 167 EXPLOSIVES/RADIOCHEMISTRY LAB

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-91





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LAYOUT OF PICA 209/RI SITE 209
FORMER BUILDING 303
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-92

F-PW-430A					
Date		11/04/93	04/28/94	04/28/94 (dup)	07/28/94
Compound	LOC	Conc	Conc	Conc	Conc
Iron (ug/l)	300	ND	NE	NE	634
Iron, Dissolved (ug/l)	300	ND	NA	NA	NA
Lead (ug/l)	5	ND	6.04	7.77	5.54
Lead, Dissolved (ug/l)	5	ND	NA	NA	NA
Manganese (ug/l)	50	277	110	113	100
Manganese, Dissolved (ug/l)	50	281	NA	NA	NA

F-MW430-B					
Date		05/10/94	07/28/94	07/16/99	12/27/00
Compound	LOC	Conc	Conc	Conc	Conc
Aluminum (ug/l)	200	6130	7170	ND	NE
Aluminum, Dissolved (ug/l)	200	ND	NA	NA	NA
Iron (ug/l)	300	7250	8070	ND	ND
Iron, Dissolved (ug/l)	300	ND	NA	NA	NA
Lead (ug/l)	5	5.3	ND	ND	ND
Lead, Dissolved (ug/l)	5	ND	NA	NA	NA
Manganese (ug/l)	50	147	170	NE	NE
Manganese, Dissolved (ug/l)	50	52.4	NA	NA	NA

F-303-S1-B-1		
	Date	4.5-4.5
Compound	LOC(mg/kg)	Conc (mg/kg)
Benzo(a)pyrene	0.2	0.28 J

F-FB303-SB-2				
	Date	0-2	10-12	4-6
Compound	LOC(mg/kg)	Conc (mg/kg)	Conc (mg/kg)	Conc (mg/kg)
Benzo(a)pyrene	0.2	0.37 J	ND	1.20

F-FB303HP-2		
Date		10/31/00
Compound	LOC	Conc
Aluminum (ug/l)	200	3600
bis(2-Ethylhexyl)phthalate (ug/l)	3	6.3 J
Iron (ug/l)	300	4500
Manganese (ug/l)	50	110

F-FAR-3S			
	Date	0-1	2-3
Compound	LOC(mg/kg)	Conc (mg/kg)	Conc (mg/kg)
Arsenic	19	NE	117.00
Benzo(a)pyrene	0.2	0.47	0.48
Lead	800	NE	1440.00 J

F-B303-EX2-SWW-1		
	Date	6-6
Compound	LOC(mg/kg)	Conc (mg/kg)
Benzo(a)pyrene	0.2	0.45 JD

F-FB303HP-1		
Date		10/30/00
Compound	LOC	Conc
Aluminum (ug/l)	200	7500
Iron (ug/l)	300	8900
Lead (ug/l)	5	5.2
Manganese (ug/l)	50	280

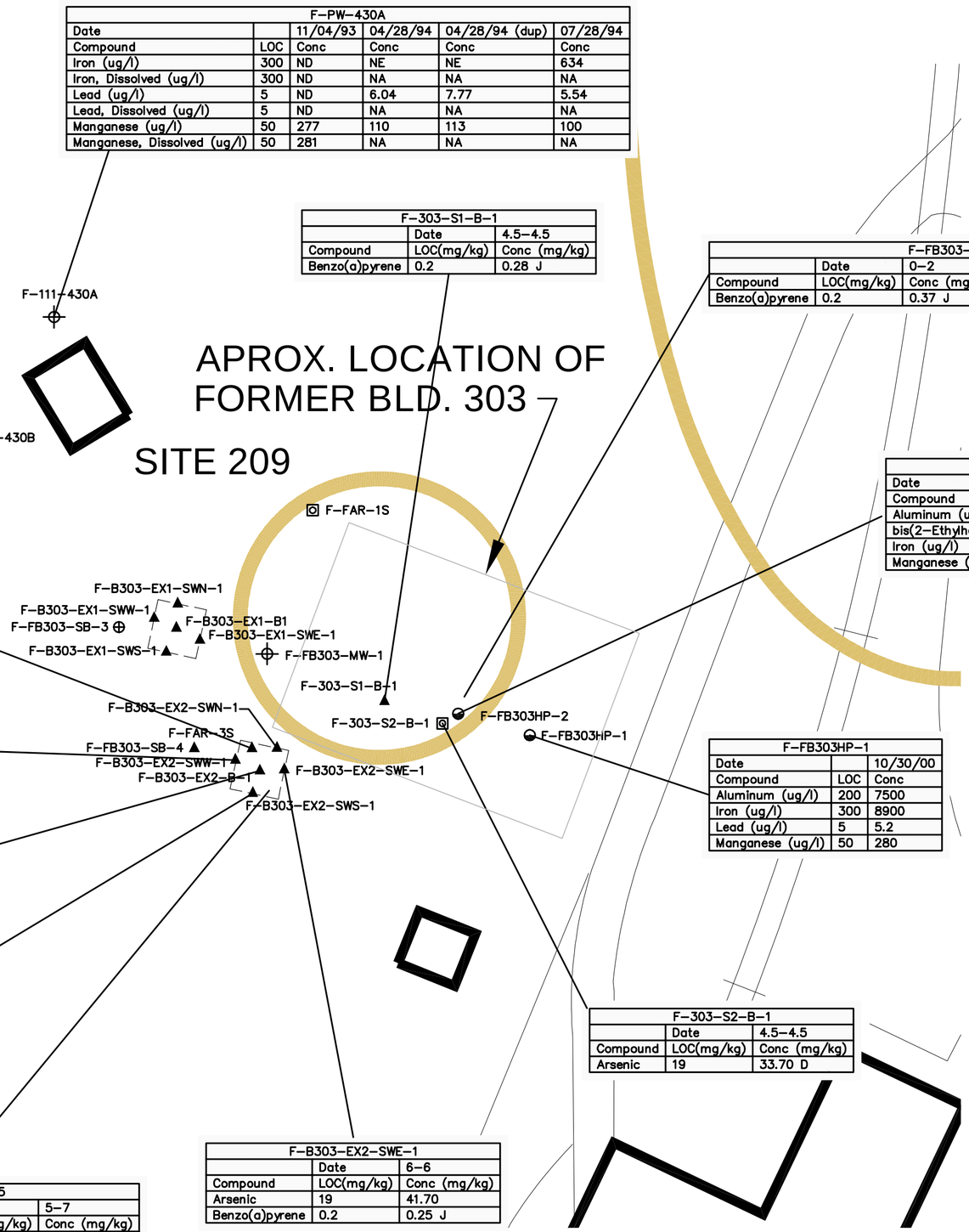
F-B303-EX2-B-1		
	Date	7-7
Compound	LOC(mg/kg)	Conc (mg/kg)
Benzo(a)pyrene	0.2	1.00 JD

F-303-S2-B-1		
	Date	4.5-4.5
Compound	LOC(mg/kg)	Conc (mg/kg)
Arsenic	19	33.70 D

F-B303-EX2-SWS-1		
	Date	6-6
Compound	LOC(mg/kg)	Conc (mg/kg)
Arsenic	19	23.10

F-B303-EX2-SWE-1		
	Date	6-6
Compound	LOC(mg/kg)	Conc (mg/kg)
Arsenic	19	41.70
Benzo(a)pyrene	0.2	0.25 J

F-FB303-SB-5			
	Date	0-2	5-7
Compound	LOC(mg/kg)	Conc (mg/kg)	Conc (mg/kg)
Arsenic	19	NE	20.40



LEGEND

- ▲ POST-EXCAVATION SOIL SAMPLE
- ◻ SURFACE SOIL
- △ SURFACE WATER AND/OR SEDIMENT
- ⊕ SOIL BORING
- ⌖ MONITORING WELL
- ◒ HYDROPUNCH
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J ESTIMATED VALUE
- NA NOT ANALYZED
- ND NOT DETECTED
- NE NO EXCEEDENCE

0 20 SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

ARCADIS
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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE

HISTORICAL LOC EXCEEDENCES DATA AT PICA 209/RI SITE 209 BUILDING 303 LOCOMOTIVE HOUSE

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-93

Acad Version : R17.1s (LMS Tech)
User Name : dfox
Date\Time : Mon, 12 Oct 2009 - 3:56pm
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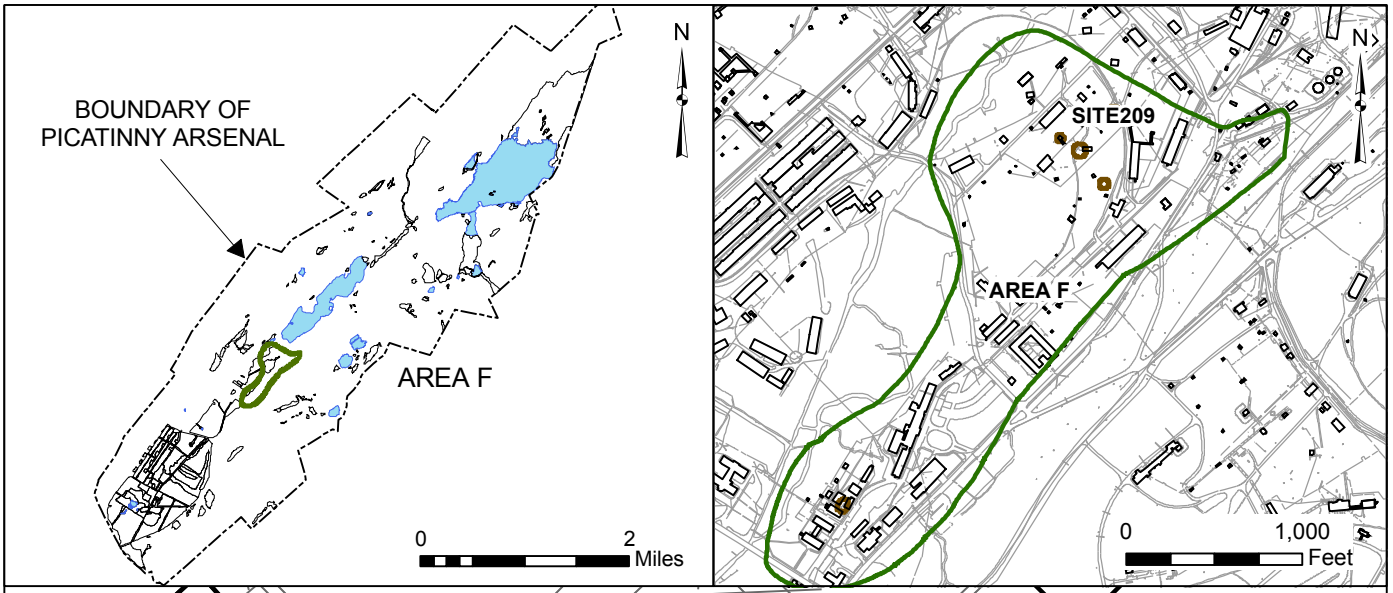

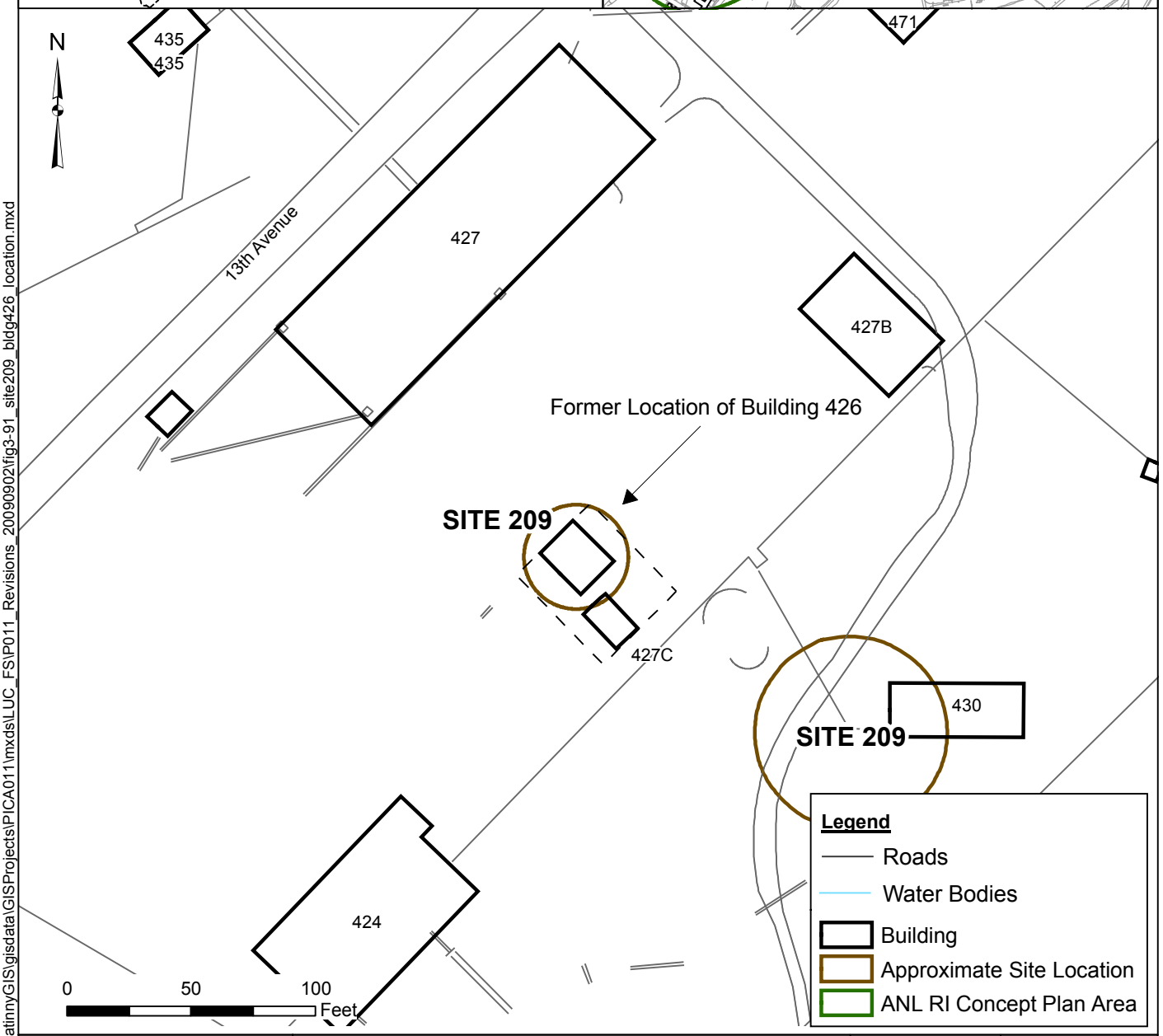

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LAYOUT OF PICA 209/RI SITE 209
BUILDING 426
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-94

LEGEND

	SURFACE SOIL
	SURFACE WATER AND/OR SEDIMENT
	SOIL BORING
	MONITORING WELL
	TEST PIT
	ROADS
	WATER BODIES
	BUILDING
	APPROXIMATE SITE LOCATION
	ANL RI CONCEPT PLAN AREA
	EXCAVATION AREA (APPROXIMATE)
D	ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
J	ESTIMATED VALUE
NA	NOT ANALYZED
ND	NOT DETECTED
NE	NO EXCEEDENCE

0 80
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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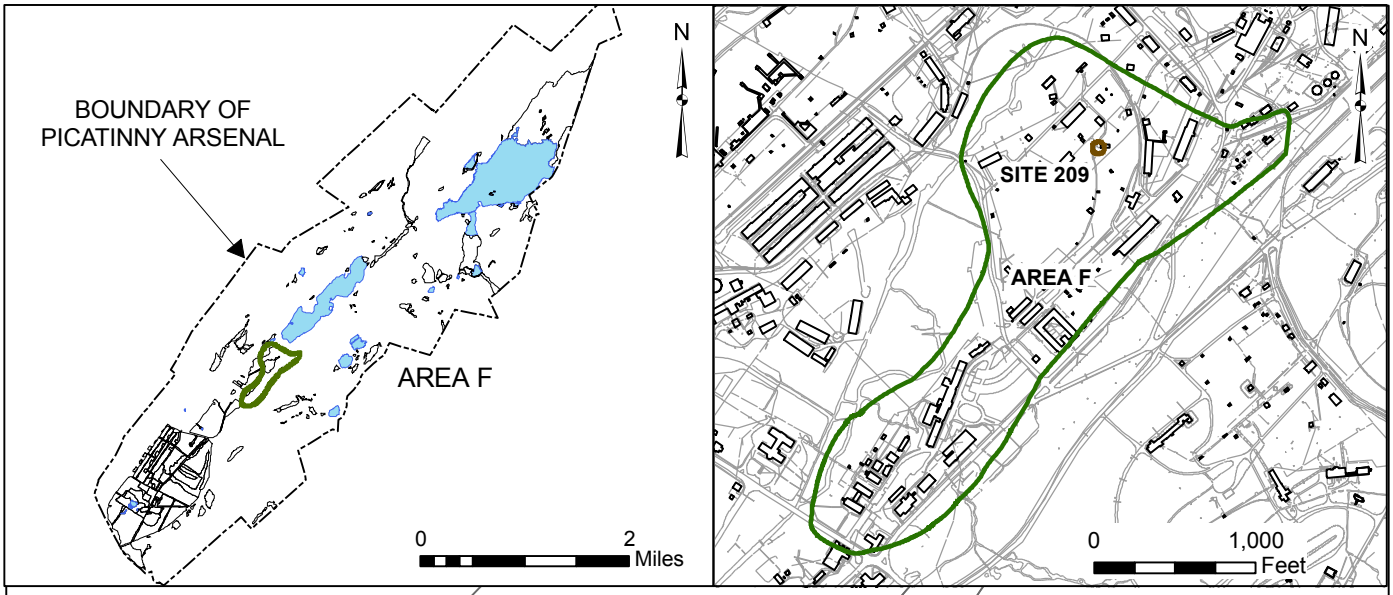
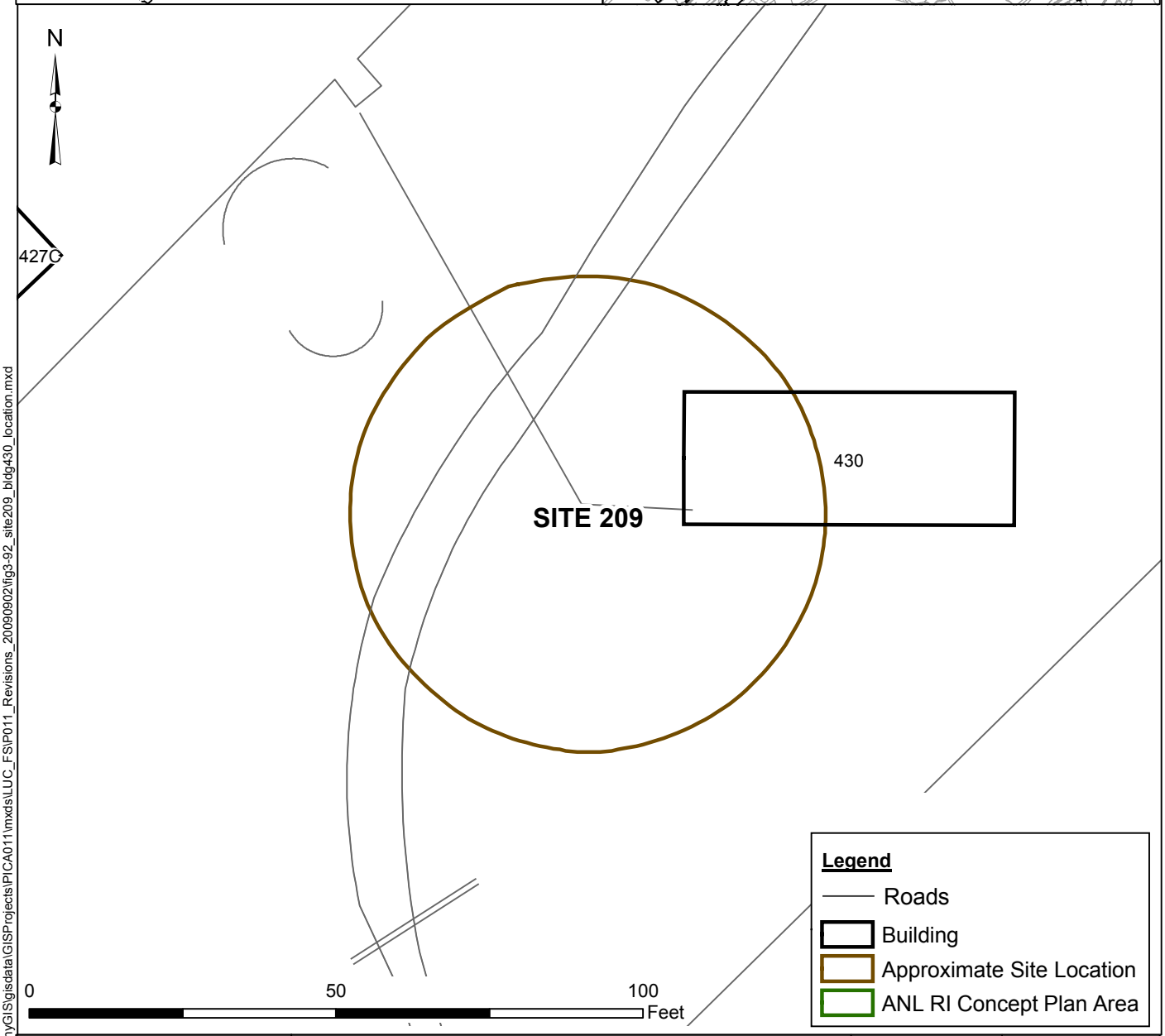
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN	DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST	CHECKED: T. LLEWELLYN
SHEET TITLE: HISTORICAL SAMPLING LOCATIONS AT PICA 209/RI SITE 209 BUILDING 426 MIXING LAB	TASK/PHASE NUMBER: EA001
	DRAWN BY: A. FOX
	PROJECT NUMBER: GP06PICA.P011
	DRAWING NUMBER: 3-95





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LAYOUT OF PICA 209/RI SITE 209
BUILDING 430
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN Y.HUANG	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-96

SITE 209
BLD. 430

F-B430TR-2		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	5.6

F-B430-SS-08			
Depth (ft)		0 – 1	2 – 3
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	19	NE	21.2 J
Lead (mg/kg)	800	889 J	NE

F-B430-SS-06		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	810 J

F-B430-PZ-1		
Date		12/04/01
Compound	LOC	Conc
Aluminum (ug/l)	200	3000
Arsenic (ug/l)	3	5.6
Iron (ug/l)	300	9000
Lead (ug/l)	5	32
Manganese (ug/l)	50	690 J

F-B430-SS-23		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1200 JD

F-B430-SD-17		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	24 D
Lead (mg/kg)	38.8	375

F-B430-SS-24		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1750 J

F-B430-SS-10		
Depth (ft)		0 – 1
Compound	LOC	Conc
Lead (mg/kg)	800	1090 J

F-B430DC-1		
Depth (ft)		0 – 2
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	7.2 D

F-B430-SD-16		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	7.6
Lead (mg/kg)	38.8	388 J

F-B430-SD-15		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	870 D
2,6–Dinitrotoluene (mg/kg)	4.2	62 D
Lead (mg/kg)	38.8	616 J

F-B430-SS-09			
Depth (ft)		0 – 1	2 – 3
Compound	LOC	Conc	Conc
Lead (mg/kg)	800	2190 JD	998 J

F-B430-SS-14		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	67 D
2,6–Dinitrotoluene (mg/kg)	4.2	5.2

F-B430-SD-12		
Depth (ft)		2 – 3
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	32 D
Lead (mg/kg)	38.8	96.3

F-B430-SS-12		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	16
Lead (mg/kg)	38.8	2330 J

F-B430-SS-13		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	65 D
2,6–Dinitrotoluene (mg/kg)	4.2	5.9
Lead (mg/kg)	38.8	266 J

F-B430-SD-13		
Depth (ft)		2 – 3
Compound	LOC	Conc
2,4–Dinitrotoluene (mg/kg)	4.2	170 D
2,6–Dinitrotoluene (mg/kg)	4.2	13 D
Lead (mg/kg)	38.8	350

F-B430TR-1
F-B430TR-2
F-B430TR-3
F-B430-EX4-SWN-1
F-B430-SS-05
F-B430-SB-03
F-B430-SS-08
F-B430-EX4-B1
F-B430-EX4-SWNE-1
F-B430-SS-06
F-B430-SS-22
F-B430-EX4-SWW-1
F-B430-EX4-SWSE-1
F-B430-EX4-SWS-1
F-B430-SS-07
F-B430-SS-21
F-B430-SS-23
F-B430-SS-11
F-B430-EX2-SWN-1
F-B430-EX2-B1
F-B430-SS-20
F-B430-PZ-1
F-B430-EX3-SWN-2
F-B430-SB-01
F-B430-SD-17
F-B430-SS-10
F-B430-EX1-SWN-1
F-B430-EX1-B1
F-B430-SS-24
F-B430-EX3-SWN-1
F-B430-SS-18
F-B430-EX3-SWE-1
F-B430-EX1-SWS-1
F-B430-EX3-SWS-1
F-B430-EX2-SWS-1
F-B430-EX3-SWW-1
F-B430-SD-16
F-B430-SB-02
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F-B430-EX3-B1
F-B430-SS-09
F-B430-SS-19
F-B430-SD-12
F-B430-EX3-SWS-2
F-B430-EX3-SWS-3
F-B430-SS-12
F-B430-SD-12
F-B430-SS-13
F-B430-SD-13
F-B430-SD-14
F-B430-SS-14
F-B430-SD-15
F-PW-430A
F-111-MW-430B

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
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- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 80
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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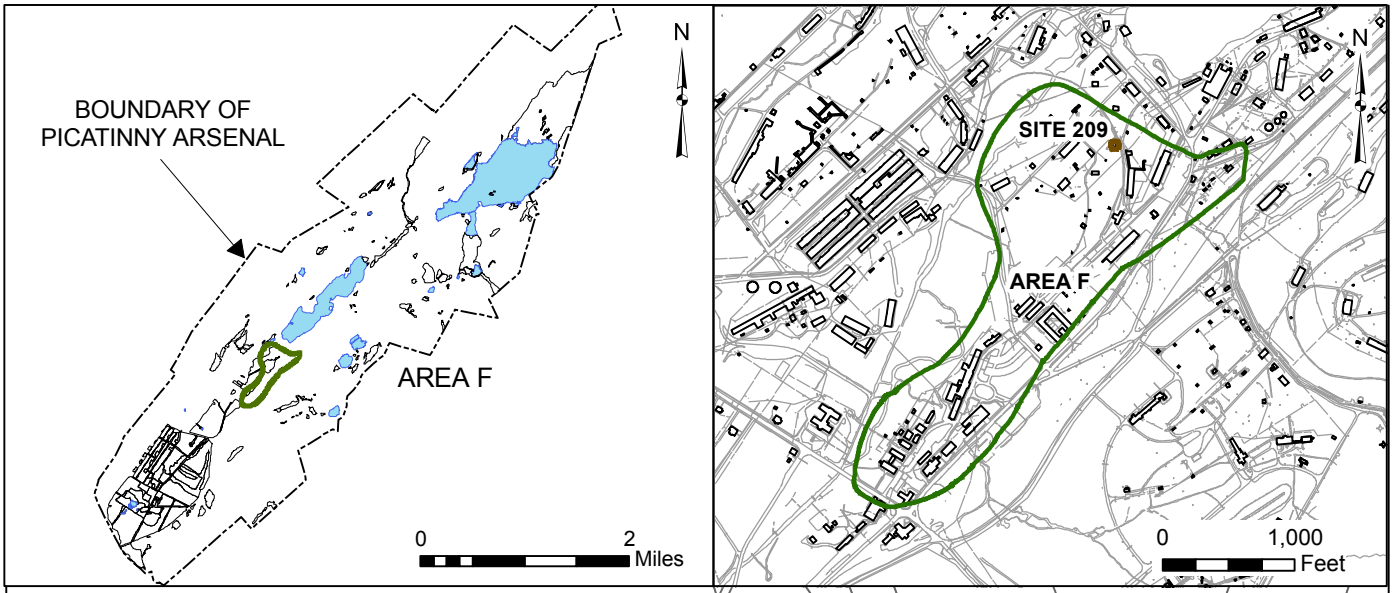
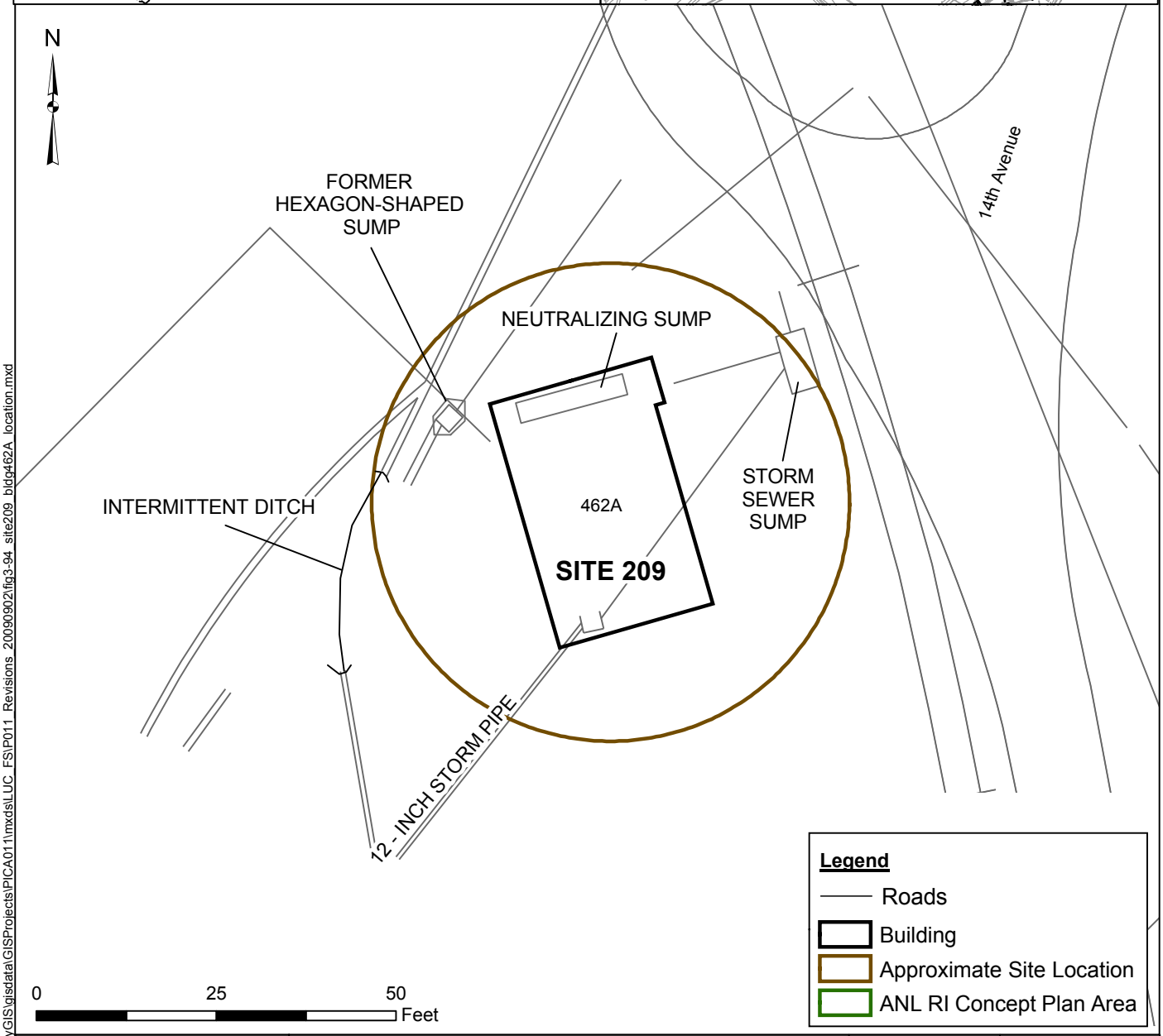
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 209/RI SITE 209 BUILDING 430 PROPELLANT SYSTEMS FACILTY

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-97





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LAYOUT OF PICA 209/RI SITE 209
BUILDING 462A
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-98

F-B462-SD-4		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4-Dinitrotoluene, 8270C (mg/kg)	4.2	34 D
2,4-Dinitrotoluene, SW8330 (mg/kg)	4.2	81
Anthracene (mg/kg)	0.03162	1.2 JD
Arsenic (mg/kg)	16.0	21.1 JD
Benz(a)anthracene (mg/kg)	0.0317	4.3 JD
Benzo(a)pyrene (mg/kg)	0.0319	3.5 JD
Benzo(b)fluoranthene (mg/kg)	0.0272	3.6 JD
Benzo(g,h,i)perylene (mg/kg)	0.29	1.8 JD
Benzo(k)fluoranthene (mg/kg)	0.0272	1.7 JD
Cadmium (mg/kg)	1.70	3.9 JD
Chromium (mg/kg)	37.3	63.4 JD
Chrysene (mg/kg)	0.0571	4.6 JD
Copper (mg/kg)	28	240 J
di-n-Butylphthalate (mg/kg)	11	130 D
Fluoranthene (mg/kg)	0.06423	8.3 JD
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	2.1 JD
Manganese (mg/kg)	1673	1920 JD
Mercury (mg/kg)	0.249	1.4 J
Phenanthrene (mg/kg)	0.0419	5.1 JD
Pyrene (mg/kg)	0.0530	6.7 JD
Zinc (mg/kg)	171	513 JD

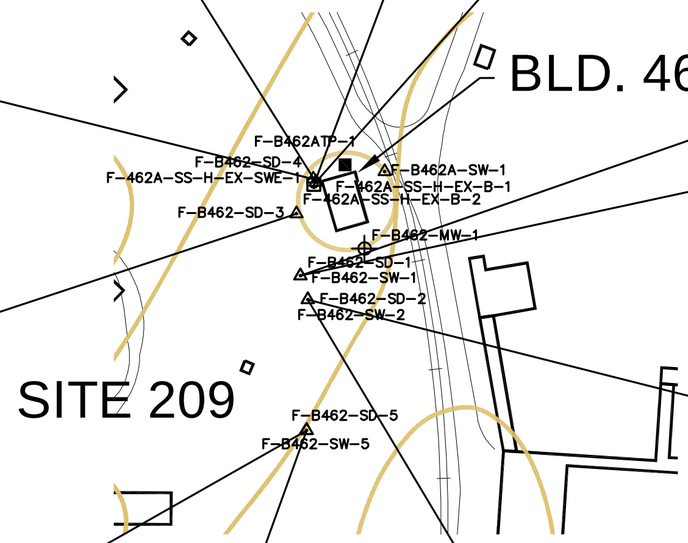
F-462A-SS-H-EX-B-1		
Depth (ft)		3 – 3
Compound	LOC	Conc
Arsenic (mg/kg)	19	28.2
Benzo(a)pyrene (mg/kg)	0.2	0.94

F-462A-SS-H-EX-B-2		
Depth (ft)		4 – 4
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.26 J

F-462A-SS-H-EX-SWE-1		
Depth (ft)		2 – 2
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.21 J

F-B462-SD-1		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4-Dinitrotoluene, 8270C (mg/kg)	4.2	13 D
2,4-Dinitrotoluene, SW8330 (mg/kg)	4.2	12
Copper (mg/kg)	28	83.2 J
di-n-Butylphthalate (mg/kg)	11	26 D
Mercury (mg/kg)	0.249	0.26 J
Nickel (mg/kg)	39.6	126 J

F-B462-SW-1		
Date		09/06/00
Compound	LOC	Conc
Aluminum (ug/l)	190	410
Arsenic (ug/l)	1.38	41
Cadmium (ug/l)	0.28	0.59 J
Copper (ug/l)	9.4	13 J
Iron (ug/l)	1790	22800
Lead (ug/l)	3.2	19
Manganese (ug/l)	383	1700
Zinc (ug/l)	122	130



F-B462-SD-3		
Depth (ft)		0 – 1
Compound	LOC	Conc
2-Methylnaphthalene (mg/kg)	0.0202	0.08 J
Anthracene (mg/kg)	0.03162	0.04 J
Benz(a)anthracene (mg/kg)	0.0317	0.19 J
Benzo(a)pyrene (mg/kg)	0.0319	0.3 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.56 J
Benzo(k)fluoranthene (mg/kg)	0.0272	0.22 J
Chrysene (mg/kg)	0.0571	0.28 J
Dibenz(a,h)anthracene (mg/kg)	0.00622	0.11 J
Fluoranthene (mg/kg)	0.06423	0.37 J
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	0.32 J
Mercury (mg/kg)	0.249	0.46 J
Phenanthrene (mg/kg)	0.0419	0.16 J
Pyrene (mg/kg)	0.0530	0.33 J
Zinc (mg/kg)	171	335 J

F-B462-SW-2		
Date		09/06/00
Compound	LOC	Conc
2,4-Dinitrotoluene, 8270C (ug/l)	0.11	3.3 J
2,4-Dinitrotoluene, SW8330 (ug/l)	0.11	ND
Aluminum (ug/l)	190	8400
Arsenic (ug/l)	1.38	6.4
Cadmium (ug/l)	0.28	1.2 J
Chromium (ug/l)	10	17
Cobalt (ug/l)	11	12 J
Copper (ug/l)	9.4	100 J
Iron (ug/l)	1790	11300
Lead (ug/l)	3.2	390
Manganese (ug/l)	383	740
Mercury (ug/l)	0.05	1.5
Nickel (ug/l)	52	57
Selenium (ug/l)	5	5.5
Zinc (ug/l)	122	250

F-B462-SD-5			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
2,4-Dinitrotoluene, 8270C (mg/kg)	4.2	6.4 D	17 D
2,4-Dinitrotoluene, 8330 (mg/kg)	4.2	67 D	48 D
2,6-Dinitrotoluene, 8270C (mg/kg)	4.2	ND	ND
2,6-Dinitrotoluene, 8330 (mg/kg)	4.2	5.8 D	NE
Arsenic (mg/kg)	16.0	NE	17.8 J
Copper (mg/kg)	28	70.9 J	69.4 J
di-n-Butylphthalate (mg/kg)	11	23 JD	94 D
Mercury (mg/kg)	0.249	1.7 J	1.8 J
Nickel (mg/kg)	39.6	63.7 J	67.9 J
Zinc (mg/kg)	171	186 J	NE

F-B462-SD-2		
Depth (ft)		0 – 1
Compound	LOC	Conc
2,4-Dinitrotoluene, 8270C (mg/kg)	4.2	14 D
2,4-Dinitrotoluene, SW8330 (mg/kg)	4.2	36 JD
2-Methylnaphthalene (mg/kg)	0.0202	0.47 J
Acenaphthene (mg/kg)	0.00671	0.06 J
Anthracene (mg/kg)	0.03162	0.24 J
Benz(a)anthracene (mg/kg)	0.0317	0.45 J
Benzo(a)pyrene (mg/kg)	0.0319	0.41 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.64
Benzo(g,h,i)perylene (mg/kg)	0.29	0.33 J
Benzo(k)fluoranthene (mg/kg)	0.0272	0.24 J
Chrysene (mg/kg)	0.0571	0.54
Copper (mg/kg)	28	72.2 J
Dibenz(a,h)anthracene (mg/kg)	0.00622	0.11 J
di-n-Butylphthalate (mg/kg)	11	30 D
Fluoranthene (mg/kg)	0.06423	1.1
Fluorene (mg/kg)	0.0212	0.11 J
Indeno(1,2,3-c,d)pyrene (mg/kg)	0.078	0.38 J
Mercury (mg/kg)	0.249	2.1 J
Naphthalene (mg/kg)	0.03275	0.18 J
Nickel (mg/kg)	39.6	40.4 J
Phenanthrene (mg/kg)	0.0419	1.3
Pyrene (mg/kg)	0.0530	0.93

F-B462-SW-5			
Date		04/25/01	04/25/01 (dup)
Compound	LOC	Conc	Conc
Aluminum (ug/l)	190	270	200
Lead (ug/l)	3.2	8.3	8.3

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)

D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR

J — ESTIMATED VALUE

NA — NOT ANALYZED

ND — NOT DETECTED

NE — NO EXCEEDENCE

0 80
SCALE IN FEET

PLOT SIZE: 17x22

REV. ISSUED DATE DESCRIPTION

SEAL

ARCADIS
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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

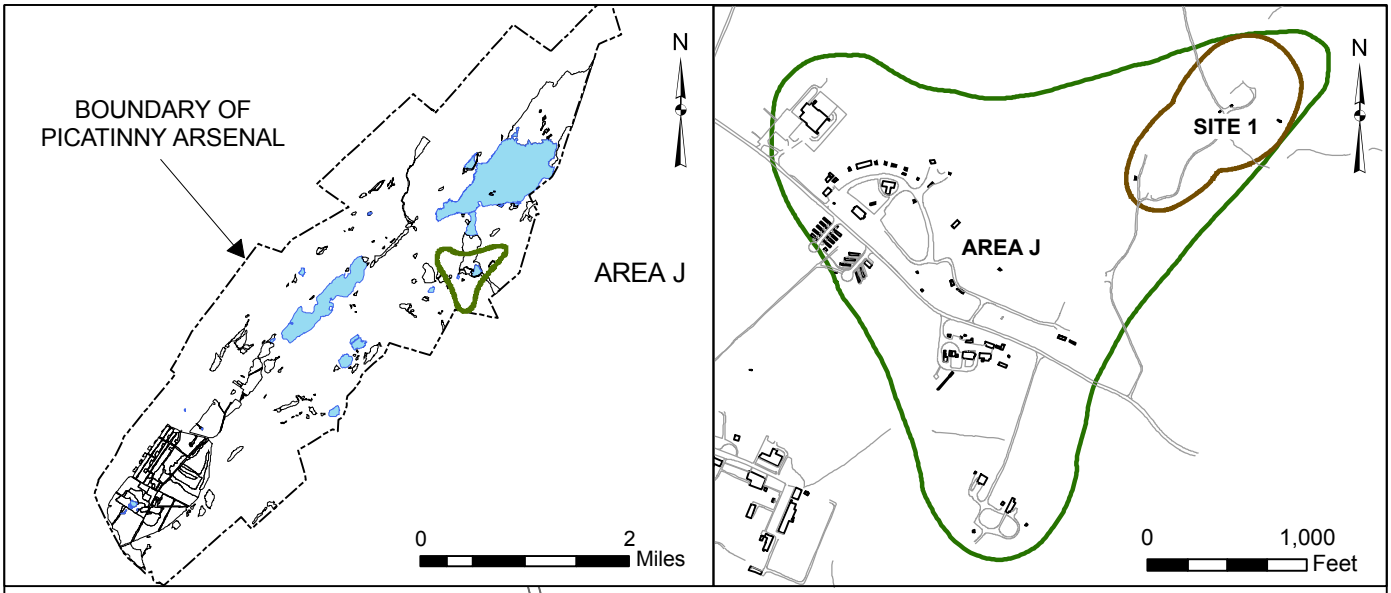
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

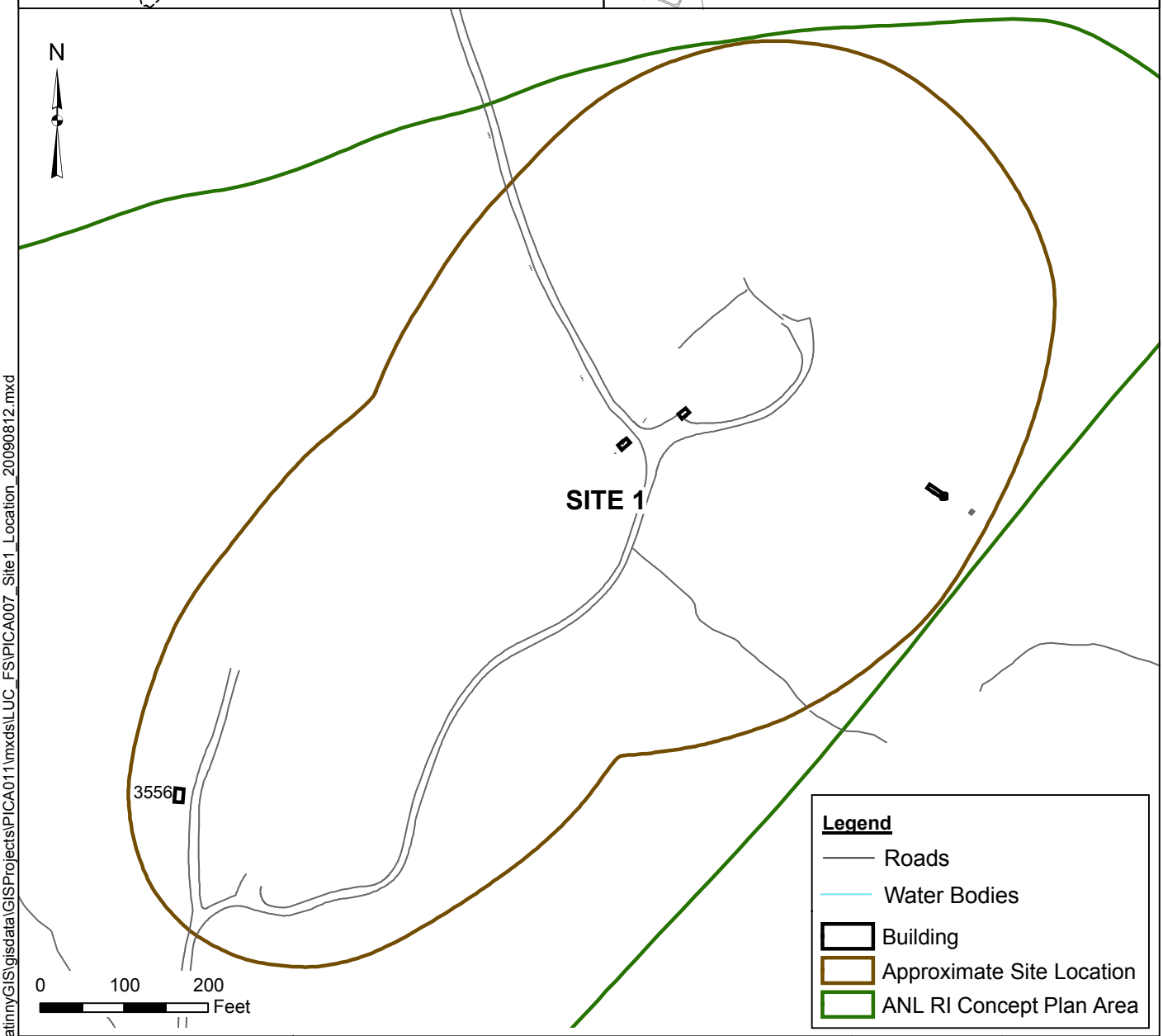
SHEET TITLE

HISTORICAL LOC EXCEEDENCES DATA AT PICA 209/RI SITE 209 BUILDING 462A GENERAL PURPOSE MAGAZINE

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-99





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LAYOUT OF PICA 007/RI SITE 1
NAVAL AIR ROCKET TEST STATION (NARTS)
TEST AREA G
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-100

J-1-TP-002				
Depth (ft)		0 – 1	2 – 2.5	3 – 4
Compound	LOC	Conc	Conc	Conc
Lead (mg/kg)	800	NE	4410	NE

J-1-SS-007A
J-1-MW-002
J-1-SS-003A
J-1-SS-006A
J-1-SS-9A/B
J-1-TP-002
J-1-SS-8A/B
J-1-MW-003
J-1-SS-001A
J-1-SS-002A
J-1-TP-003
J-1-MW-004
J-1-TP-001
BKG-SB-18B
J-1-SS-004A
J-1-SS-005A
J-1-EX1-B-1
J-1-SS-010A
J-1-EX1-SWN-1
J-1-SP-001
J-1-EX1-SWS-1
J-1-MW-001

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- POST-EXCAVATION SAMPLE
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

0 120
SCALE IN FEET

PLOT SCALE 11x17

REV. ISSUED DATE DESCRIPTION

KEYPLAN

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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 007/RI SITE 1 NAVAL AIR ROCKET TEST STATION

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX
PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-101

Date/Time : 11, 27 Sep 2009 - 11:27am
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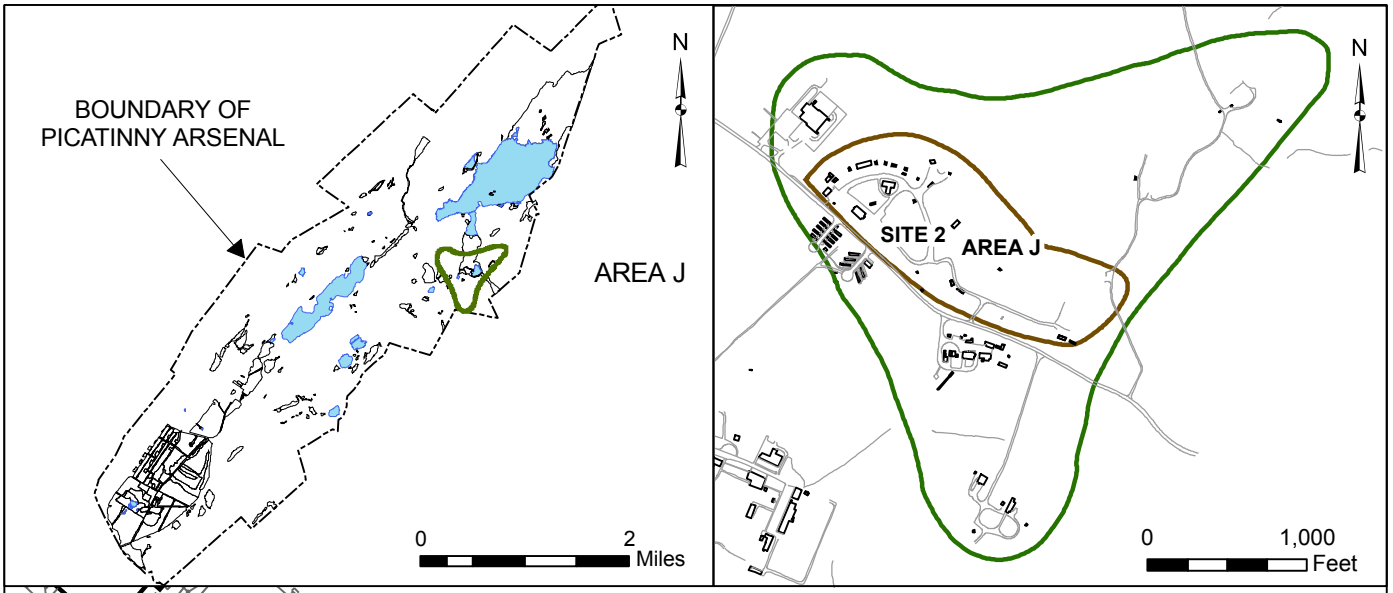
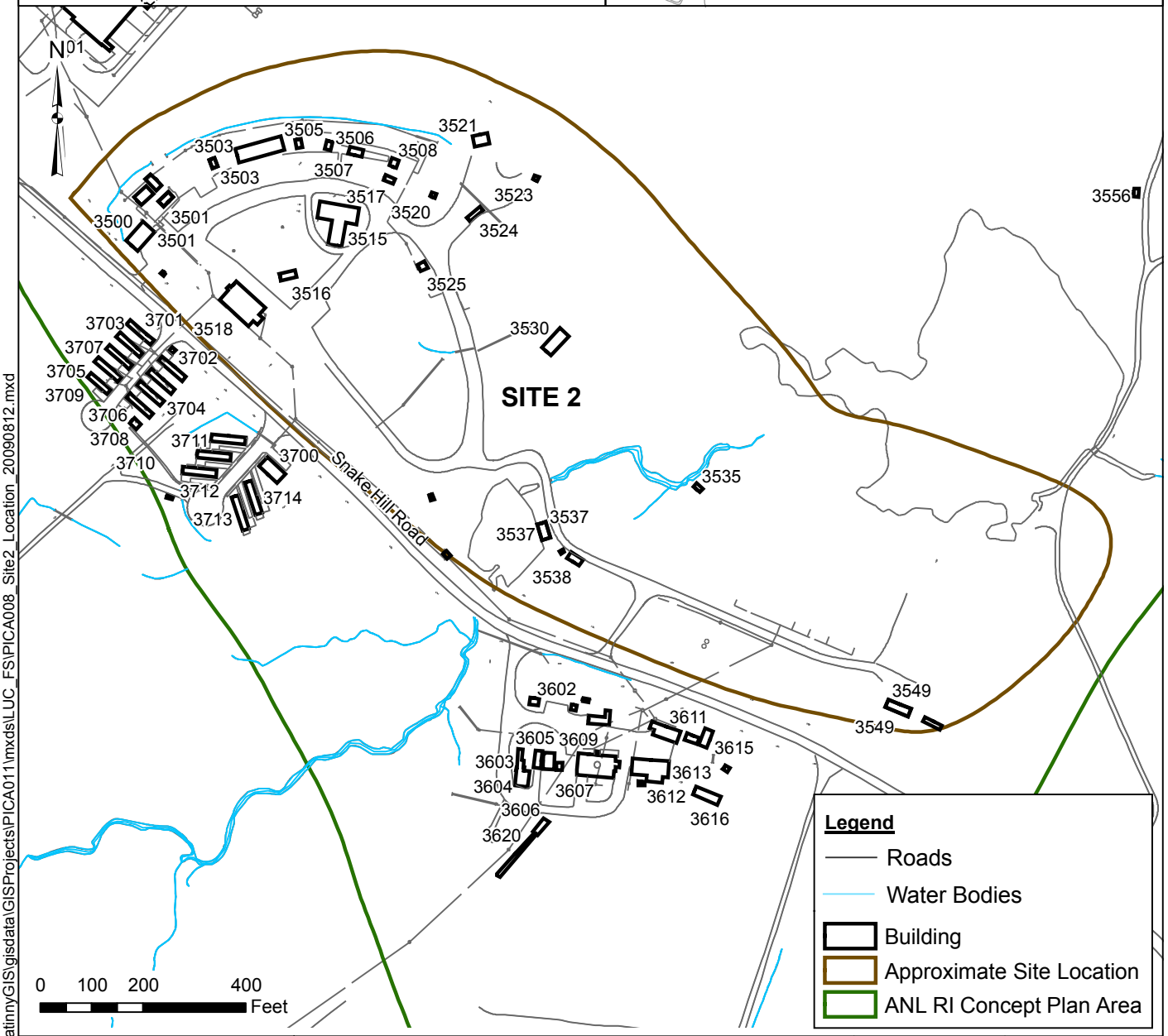
AutoCAD Version : 2010 (LMS Tech)
User Name : AFOX





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Fax: (732) 225-5067

LAYOUT OF PICA 008/RI SITE 2
BUILDINGS 3500 THROUGH 3551
REACTION MOTORS
ROCKET TEST AREA A, B, AND C
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-102

J-B3517-S-1B		
Depth (ft)		2 – 3
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	1.4 D

J-B3517-SS-20		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	10 D

J-B3517-SS-19		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	2.8 D

J-B3517-SS-5A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1260 (mg/kg)	1	2.4 D

J-B3517-SS-4A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1260 (mg/kg)	1	2.1 D

J-B3517-SS-6A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	9.5 D

J-B3517-SS-21		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	1.9 D

J-B3517-SS-3A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1260 (mg/kg)	1	1.9 D

J-B3517-SS-12		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	1.7 D

J-B3517-SS-24		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1260 (mg/kg)	1	5.5 D

J-2-SS-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Chromium (mg/kg)	200	266

J-2-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Chromium (mg/kg)	200	226

J-2-SS-001C		
Depth (ft)		0 – 1
Compound	LOC	Conc
Chromium (mg/kg)	200	2020

J-2-MW-005			
Depth (ft)		5 – 6	10 – 12
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	ND	0.67
Naphthalene (mg/kg)	17	NE	20

SEE DETAIL ON THIS SHEET

SCALE IN FEET 0 60

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- HYDROPUNCH
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

NOTE: ALL FORMER TANK LOCATIONS AND ALL SOIL BORING LOCATIONS ARE APPROXIMATE.

SCALE IN FEET 0 100

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

ARCADIS
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PROJECT TITLE

PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT
PICA 008/RI SITE 2
BUILDING 3500 THROUGH 3551

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-103

Acad Version : R17.1s (LMS Tech)
User Name : dfox

Date\Time : Fri, 09 Oct 2009 – 1:35pm
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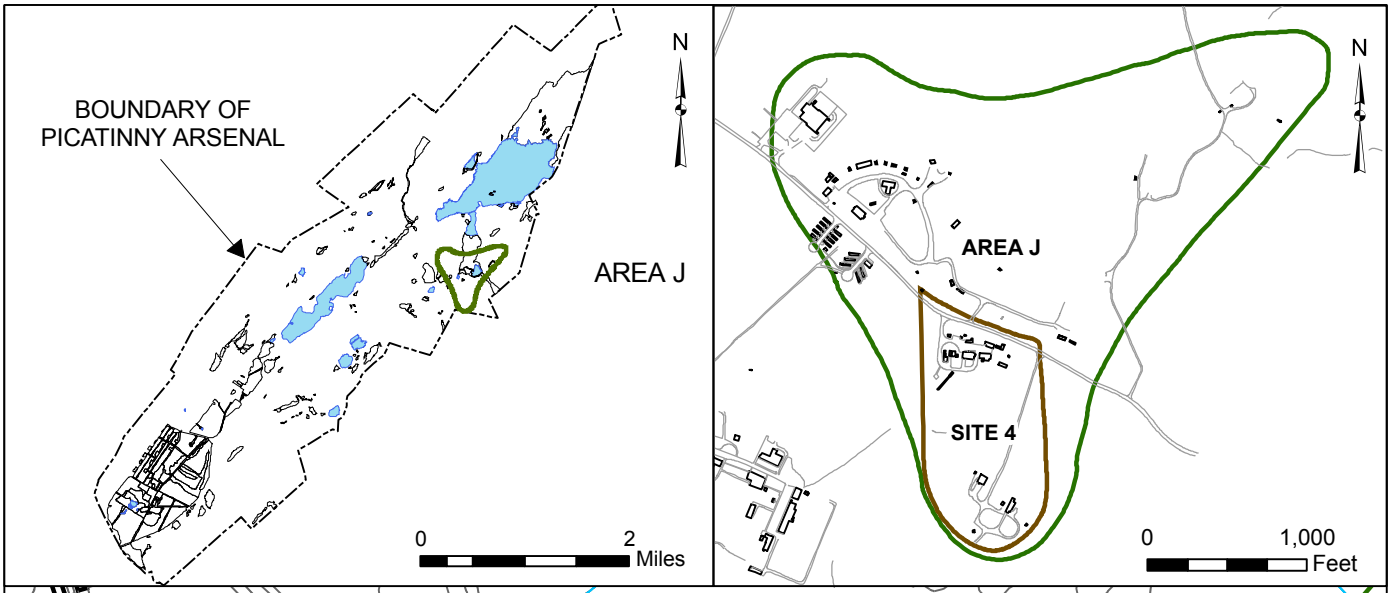

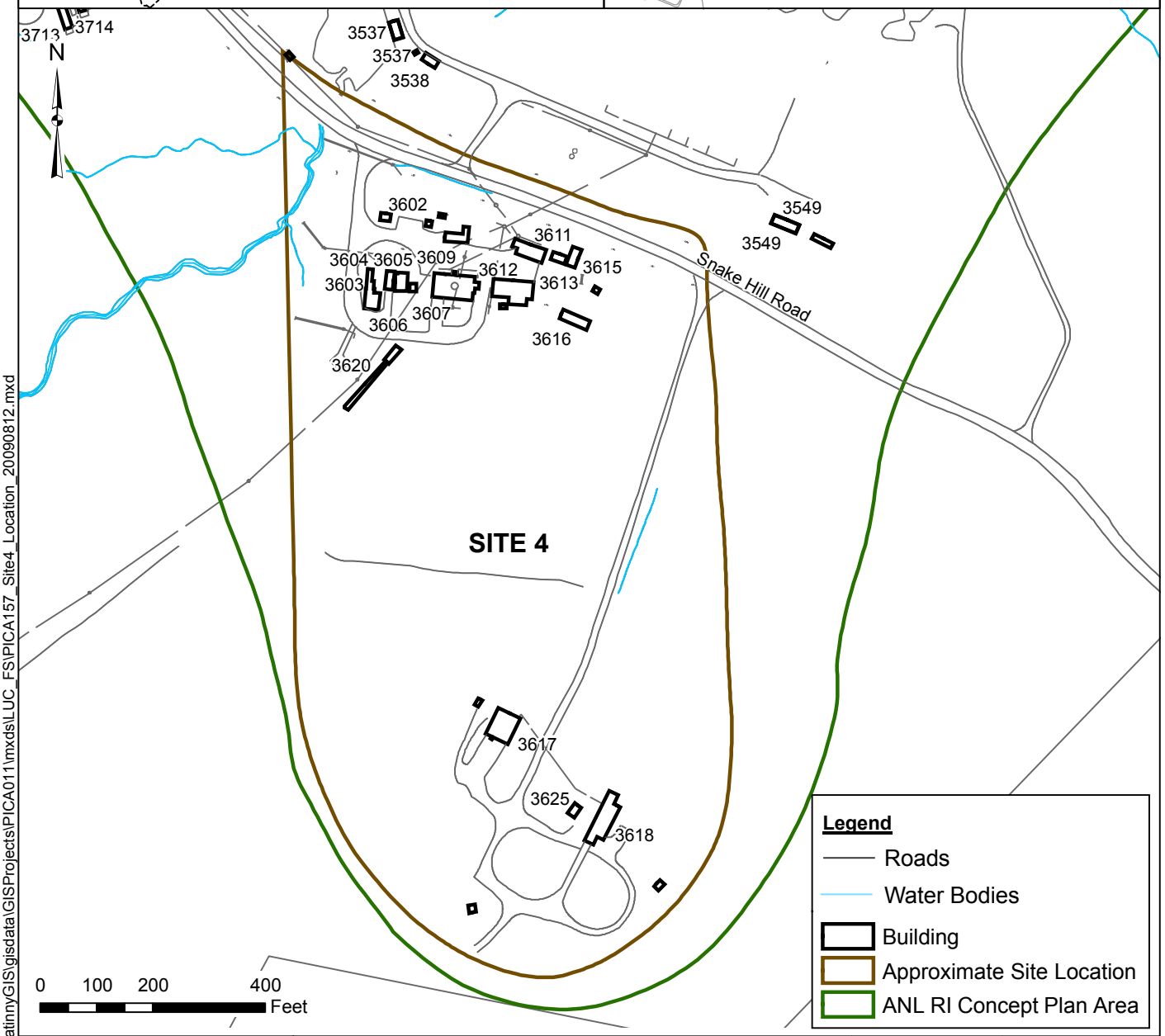

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LAYOUT OF PICA 157/RI SITE 4
3600 SERIES BUILDINGS
TEST AREAS D AND E
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-104

J-4-SS-006A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	1.6 N

J-4-SW-004
J-4-SS-005A
J-4-SS-006A
J-4-SW-003
J-MW48-103
J-4-SS-001A
J-4-SD-002
J-4-SW-002
J-4-SP-001
J-4-MW-004
J-4-MW-002
J-4-SS-002A
J-MW48-101
J-MW48-102
J-4-SS-007A
J-4-MW-001
J-4-SW-001
J-4-MW-005
J-4-SS-004A
J-4-SB-002A
J-4-SB-002
J-MW-M
J-4-SS-003A
J-4-SD-005
J-4-SW-005
J-4-SS-012A
J-4-MW-006
J-4-SS-011A
J-4-SP-002
J-4-SS-010A
J-4-SS-015A
J-4-MW-003
J-4-SW-006
J-4-TP-002
J-4-SW-007
J-4-TP-001
J-4-SS-009A
J-4-SS-014A
J-4-SS-013A
J-4-SS-008A

J-4-SS-013A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	1.4 N

J-4-SS-014A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	1	2.7 N

BKG-SS-32A

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

NOTE: ALL FORMER TANK LOCATIONS AND ALL SOIL BORING LOCATIONS ARE APPROXIMATE.

Date\Time : Fri, 09 Oct 2009 - 1:35pm
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Acad Version : R17.1s (LMS Tech)
User Name : dfox

0 100
SCALE IN FEET

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

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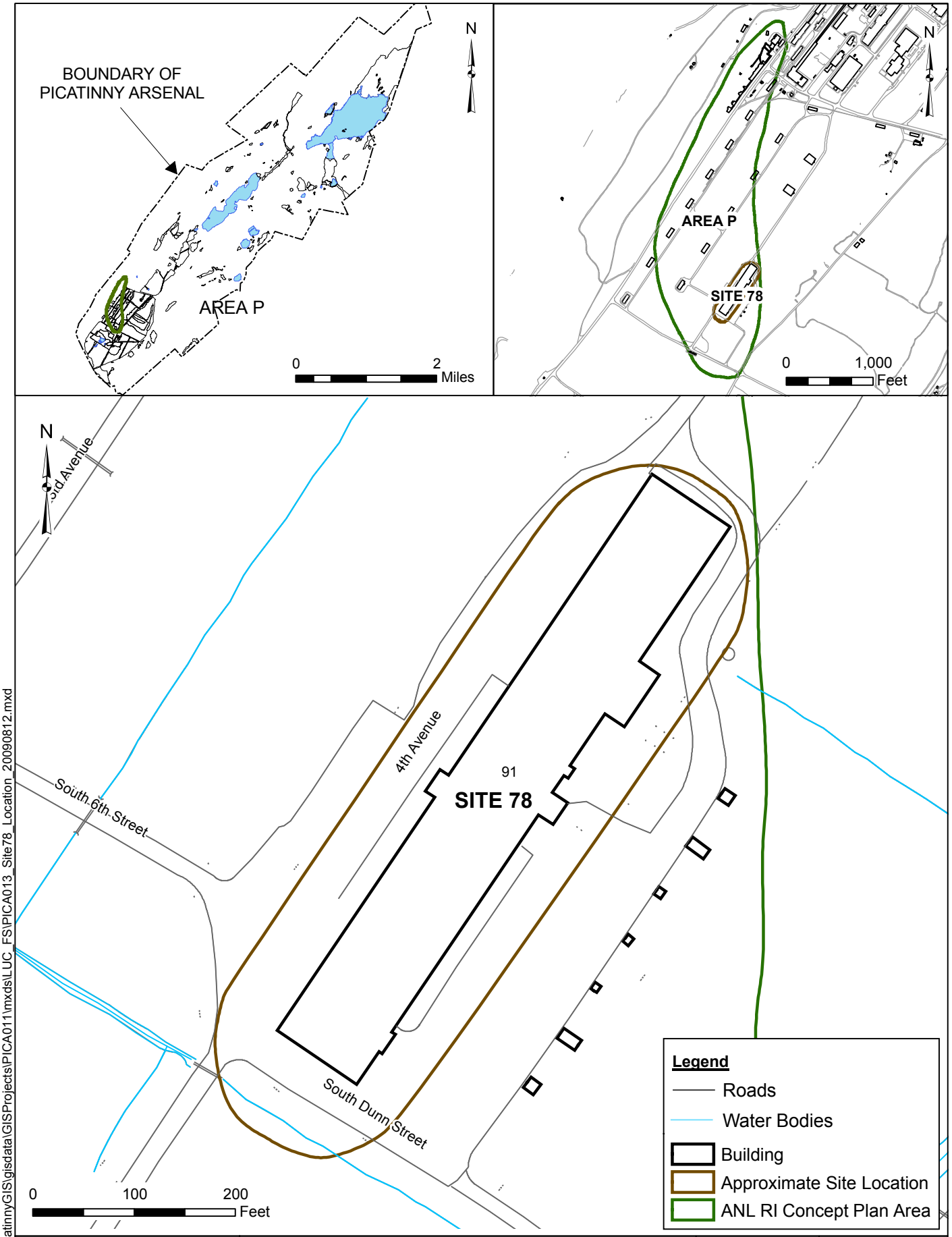
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN
SHEET TITLE		TASK/PHASE NUMBER	DRAWN BY
HISTORICAL LOC EXCEEDENCES DATA AT PICA 157/RI SITE 4 3600 BUILDINGS		EA001	A. FOX
		PROJECT NUMBER	DRAWING NUMBER
		GP06PICA.P011	3-105



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LAYOUT OF PICA 013/RI SITE 78
BUILDING 91
OPTICS PROTOTYPE FACILITY
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-106

P-78-TR-001		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.3
Benzo(a)pyrene (mg/kg)	0.2	2.1
Benzo(b)fluoranthene (mg/kg)	2	2.5
Dibenz(a,h)anthracene (mg/kg)	0.2	0.4 J

P-78-SS-016		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.86

P-78-SS-005		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	14.1 D
Benzo(a)pyrene (mg/kg)	0.2	10.7
Benzo(b)fluoranthene (mg/kg)	2	14.5 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.71
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	6.51

P-78-SS-004		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.58

P-78-SS-017		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.7 D
Benzo(a)pyrene (mg/kg)	0.2	2.3 D
Benzo(b)fluoranthene (mg/kg)	2	3 D
Dibenz(a,h)anthracene (mg/kg)	0.2	0.28 JD

P-78-SS-020		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.5
Dibenz(a,h)anthracene (mg/kg)	0.2	0.22 J

P-78-SS-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.6
Benzo(a)pyrene (mg/kg)	0.2	2.48
Benzo(b)fluoranthene (mg/kg)	2	3.16
Dibenz(a,h)anthracene (mg/kg)	0.2	0.41

P-78-SS-003		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.55

P-78-SS-007		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	11.6 D
Benzo(a)pyrene (mg/kg)	0.2	8.69
Benzo(b)fluoranthene (mg/kg)	2	11.6 D
Dibenz(a,h)anthracene (mg/kg)	0.2	1.39
Indeno(1,2,3-c,d)pyrene (mg/kg)	2	5.47

P-78-SS-018			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.59	0.7

P-78-SS-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.1

P-78-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.45
Benzo(b)fluoranthene (mg/kg)	2	2.01
Dibenz(a,h)anthracene (mg/kg)	0.2	0.26

P-78-SS-009		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	1.87
Benzo(b)fluoranthene (mg/kg)	2	2.75
Dibenz(a,h)anthracene (mg/kg)	0.2	0.33

P-78-SS-012		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.9

P-78-SS-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	2.54
Benzo(a)pyrene (mg/kg)	0.2	2.42
Benzo(b)fluoranthene (mg/kg)	2	3.34
Dibenz(a,h)anthracene (mg/kg)	0.2	0.41

P-78-SS-011			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.49	0.39

P-78-SD-001			
Depth (ft)		0 – 1	0 – 1 (dup)
Compound	LOC	Conc	Conc
Arsenic (mg/kg)	16.0	21.17	NA
Cadmium (mg/kg)	1.70	4.35	NA
Copper (mg/kg)	28	50.58 J	NA
Fluoranthene (mg/kg)	0.06423	0.31 J	NA
Lead (mg/kg)	38.8	67.64 J	NA
Mercury (mg/kg)	0.249	0.44 J	NA
Methylene chloride (mg/kg)	0.37	0.97 J	ND
Phenanthrene (mg/kg)	0.0419	0.15 J	NA
Pyrene (mg/kg)	0.0530	0.28 J	NA
Zinc (mg/kg)	171	174.7	NA

P-78-SD-002		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	0.0317	0.1 J
Benzo(a)pyrene (mg/kg)	0.0319	0.11 J
Benzo(b)fluoranthene (mg/kg)	0.0272	0.12 J
Benzo(k)fluoranthene (mg/kg)	0.0272	0.08 J
Cadmium (mg/kg)	1.70	2.13
Chrysene (mg/kg)	0.0571	0.12 J
Copper (mg/kg)	28	49.34 J
Fluoranthene (mg/kg)	0.06423	0.19 J
Lead (mg/kg)	38.8	78.62 J
Phenanthrene (mg/kg)	0.0419	0.13 J
Pyrene (mg/kg)	0.0530	0.17 J
Zinc (mg/kg)	171	300.79

P-78-SD-006		
Depth (ft)		0 – 1
Compound	LOC	Conc
Acetone (mg/kg)	0.0087	0.06 J

P-MW-E
P-MW-13
P-78-SS-003
P-78-SS-004
P-78-SS-016
P-78-SS-002
P-78-GP-001
P-78-SS-006
P-78-SS-001
P-78-SS-007
P-78-SS-005
P-78-SS-017
P-78-SS-018
P-78-SS-019
P-78-SS-020
P-78-GP-006
P-78-GP-007
P-78-MW-001
P-78-SW-001
P-78-SD-001
P-78-GP-008
P-78-SS-010A
P-78-GP-002
P-78-SS-009
P-78-SS-013
P-78-GP-003
P-78-SW-003
P-78-SS-008
P-78-TR-001
P-78-SS-012
P-78-GP-009
P-78-SS-011
P-T19-MW2
P-T19-MW1
P-78-GP-004
P-78-GP-022
P-78-GP-010A
P-78-SS-015
P-78-GP-005
P-78-SS-021
P-78-GP-021
P-78-SS-022
P-78-GP-020
P-78-SS-023
P-78-GP-011
P-78-MW-004
P-78-MW-002
P-78-PZ-003
P-78-SD-006
P-78-SW-006
P-78-GP-012
P-78-GP-017
P-78-GP-019
P-78-MW-003
P-78-MW-005
P-78-GP-016
P-78-MW-006
P-78-SS-014
P-78-GP-013
P-78-GP-018
P-78-GP-014
P-78-GP-015
P-78-SW-005
P-78-SD-005
P-78-PZ-002
P-78-SD-004
P-78-PZ-001
P-78-SW-004
P-78-GP-023
P-78-SD-002
P-SW-10

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- PIEZOMETER
- GEOPROBE
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- ANL RI CONCEPT PLAN AREA
- EXCAVATION AREA (APPROXIMATE)
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

NOTE: ALL FORMER TANK LOCATIONS AND ALL SOIL BORING LOCATIONS ARE APPROXIMATE.

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Acad Version : R17.1s (LMS Tech)
User Name : dfox

0 100
SCALE IN FEET

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

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PROJECT TITLE

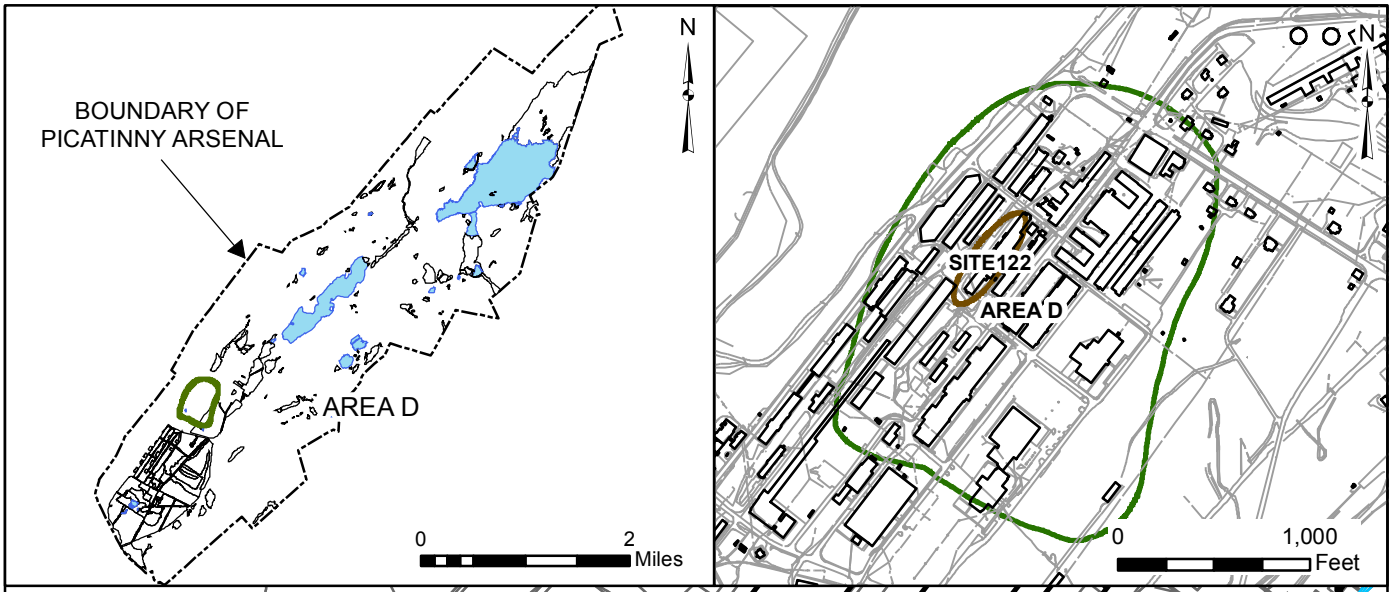
PICATINNY ARSENAL
NEW JERSEY

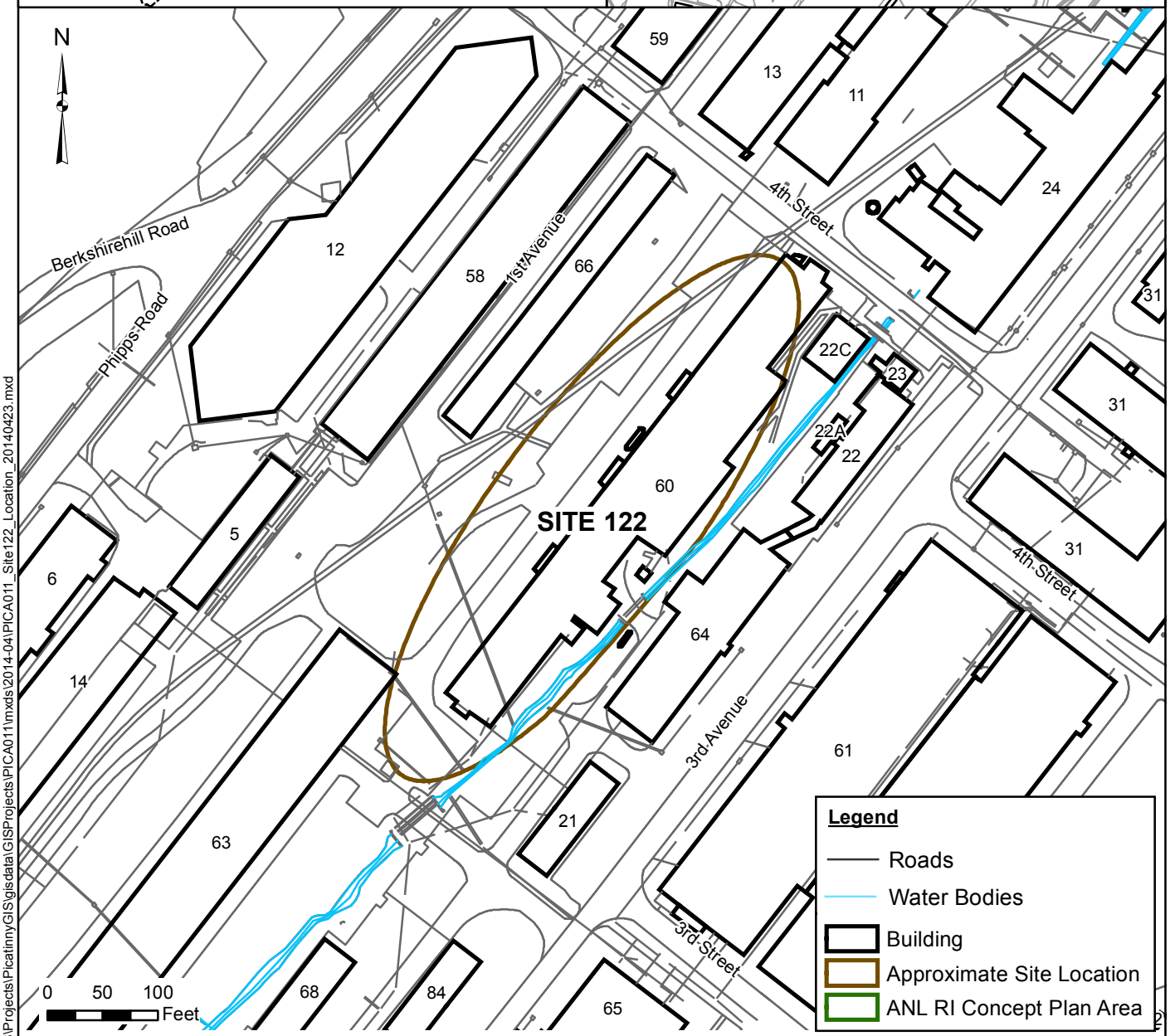
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA AT PICA 013/RI SITE 78 BUILDING 91

TASK/PHASE NUMBER	DRAWN BY
EA001	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P011	3-107





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LAYOUT OF PICA 011/SITE 122
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M. GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-108

D-122-SS-010A		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	4.83
Benzo(b)fluoranthene (mg/kg)	2	6.38

D-122-2D9		
Depth (ft)		2 – 2.5
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	1	64 D

D-SS122-2		
Depth (ft)		0 – .5
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	50 D
Benzo(b)fluoranthene (mg/kg)	2	100 D
Dibenz(a,h)anthracene (mg/kg)	0.2	2.1
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	25 J

D-122-SS-013		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	7.23
Benzo(a)pyrene (mg/kg)	0.2	6.63
Benzo(b)fluoranthene (mg/kg)	2	6.13
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	5.39

D-SB122-2					
Depth (ft)		0 – 2	2 – 4	2 – 4 (dup)	4 – 6
Compound	LOC	Conc	Conc	Conc	Conc
Arsenic (mg/kg)	19	21	NE	NE	NE
Benz(a)anthracene (mg/kg)	2	8.8	3.8	11	2.7
Benzo(a)pyrene (mg/kg)	0.2	7.3	2.8	8.6	ND
Benzo(b)fluoranthene (mg/kg)	2	7	7.7	10	2.3
Dibenz(a,h)anthracene (mg/kg)	0.2	1.2	0.72	1.9	ND
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	ND	ND	4.8	ND

D-SB122-1			
Depth (ft)		2 – 4	4 – 6
Compound	LOC	Conc	Conc
Benz(a)anthracene (mg/kg)	2	12	2.4
Benzo(a)pyrene (mg/kg)	0.2	13	ND
Benzo(b)fluoranthene (mg/kg)	2	15	2.4
Dibenz(a,h)anthracene (mg/kg)	0.2	2.5	ND
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	9.4	ND

D-122-E1B-SW-WA		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	0.0341	27 D

D-122-E1B-EB-1		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	0.0341	7.4 D

D-122-SS-016		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	5.78
Benzo(a)pyrene (mg/kg)	0.2	5.18
Benzo(b)fluoranthene (mg/kg)	2	7.81

D-122-E1B-SW-EA		
Depth (ft)		0 – 1
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	0.0341	1.3 D
Aroclor 1260 (mg/kg)	0.0341	0.52 D

D-122-SS-009		
Depth (ft)		0 – 1
Compound	LOC	Conc
Manganese (mg/kg)	5900	7610

D-SS122-6		
Depth (ft)		0 – .5
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	50 D
Benzo(b)fluoranthene (mg/kg)	2	200 D
Benzo(k)fluoranthene (mg/kg)	2.3	24
Dibenz(a,h)anthracene (mg/kg)	0.2	4.2
Indeno(1,2,3–c,d)pyrene (mg/kg)	2	100 D
Manganese (mg/kg)	5900	15000 D

D-122-SS-008		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benz(a)anthracene (mg/kg)	2	3.13
Benzo(b)fluoranthene (mg/kg)	2	3.06
Manganese (mg/kg)	5900	9530

D-B-SB-SD-33		
Depth (ft)		0 – 1
Compound	LOC	Conc
4,4'–DDD (mg/kg)	0.00354	0.2 DNJ
4,4'–DDE (mg/kg)	0.00142	0.11 DNJ
Aroclor 1248 (mg/kg)	0.0341	4.45 D
Aroclor 1254 (mg/kg)	0.060	3.37 D
Cadmium (mg/kg)	1.70	57.7 J
Chromium (mg/kg)	37.3	953 J
Copper (mg/kg)	28	349 J
Dieldrin (mg/kg)	0.00285	0.06 DNJ
Endrin (mg/kg)	0.00267	0.04 DNJ
gamma–Chlordane (mg/kg)	0.0003	0.05 DNJ
Heptachlor (mg/kg)	0.00060	0.01 DNJ
Lead (mg/kg)	38.8	168 J
Mercury (mg/kg)	0.249	2.16 J
Octachlorodibenzodioxin (mg/kg)	0.0085	0.12 J
Silver (mg/kg)	1.0	2.43
Zinc (mg/kg)	171	349 J

D-122-E1A-SW-WA		
Depth (ft)		0 – .5
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	0.060	1.6

D-122-E1A-EB-1		
Depth (ft)		0 – .5
Compound	LOC	Conc
Aroclor 1248 (mg/kg)	0.0341	2.3 D

D-122-E1A-SW-EA		
Depth (ft)		0 – .5
Compound	LOC	Conc
Aroclor 1254 (mg/kg)	0.060	1.6

D-122-GW-001		
Date		07/24/97
Compound	LOC	Conc
Aroclor 1248 (ug/L)	0.5	17.7

D-122-SS-015		
Depth (ft)		0 – 1
Compound	LOC	Conc
Benzo(a)pyrene (mg/kg)	0.2	0.52

SITE 122

D-122-SS-013 D-SS122-3 D-122-W3-SW-N(I) D-122-W3-SW-SUB-E D-SS122-4 D-122-W3-SW-W(D) D-SS122-2 D-122-W3-SW-W(A) D-122-W3-SW-N(C)-E D-122-W3-EB-2 D-122-TP-1 D-122-W3-EB-5B D-122-W3-SW-W(5) D-122-W3-SS-E D-122-2D9

D-122-W2-SW-WC D-122-W2-SW-NA D-122-W2-EB-2 D-122-W2-SW-SA D-122-W2-SW-EA D-122-SS-011 D-122-SS-012 D-122-W1-SW-WA D-122-W1-SW-NA D-122-W1-SW-SA D-122-SS-1-2 D-122-W1-SW-EA D-122-SS-010A

D-122-GW-001 D-122-E1D-SW-NA D-122-SS-017 D-122-E1D-EB-1 D-SB122-2 D-122-GR-020 D-122-E1E-SW-NA D-122-E1E-SW-NC D-122-GR-019 D-122-E1B-SW-WA D-122-E1D-SW-WB D-122-E1B-EB-1 D-122-E1B-SW-EA D-122-E1D-SW-SA D-122-E1B-EB-2 D-122-E1B-SW-SA D-122-GR-026 D-122-E1B-SW-EB D-122-E1A-SW-WB(C) D-122-ESA-EB-1 D-122-E1A-SW-EB(B) D-122-E1A-EB-2 D-122-SS-015 D-122-E1A-SW-WA D-122-ESA-EB-1 D-122-E1A-SW-EA D-122-SS-016 D-SB122-1 D-122-SS-009 D-SS122-6 D-122-SS-008 D-B-SB-SD-33

N

LEGEND

- SURFACE SOIL
- SURFACE WATER AND/OR SEDIMENT
- SOIL BORING
- MONITORING WELL
- TEST PIT
- POST EXCAVATION
- ROADS
- WATER BODIES
- BUILDING
- APPROXIMATE SITE LOCATION
- D — ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT THE SECONDARY DILUTION FACTOR
- J — ESTIMATED VALUE
- NA — NOT ANALYZED
- ND — NOT DETECTED
- NE — NO EXCEEDENCE

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0 50 SCALE IN FEET

PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

KEYPLAN

SEAL

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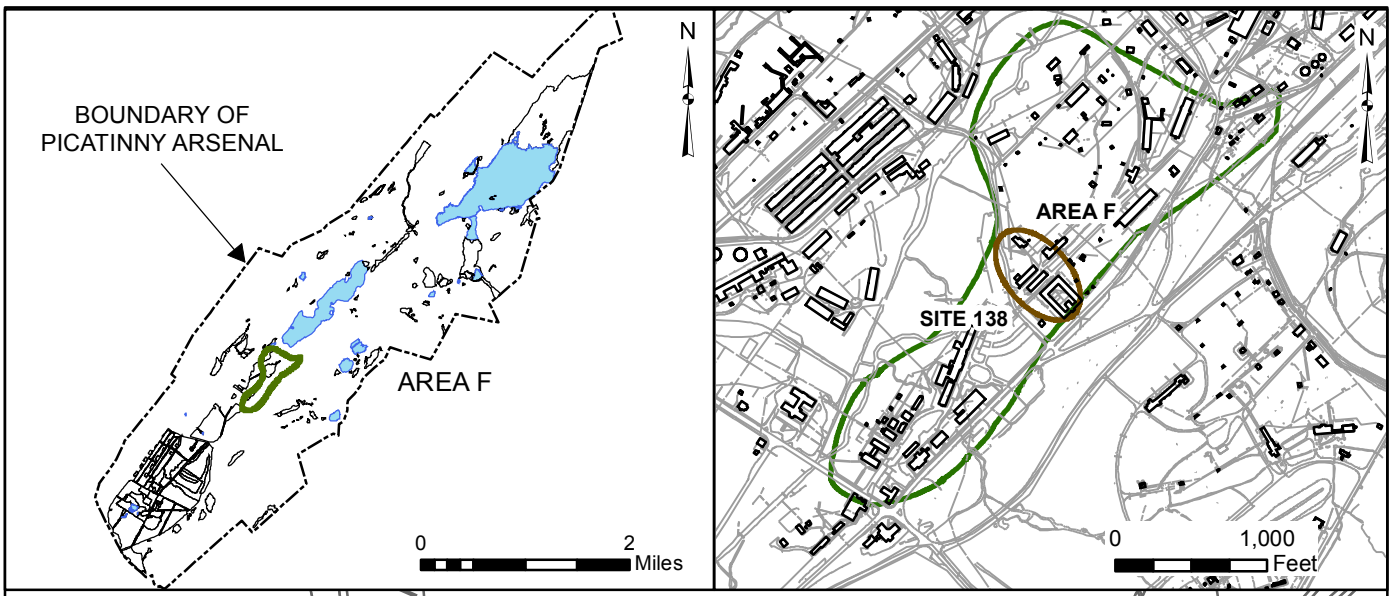
PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

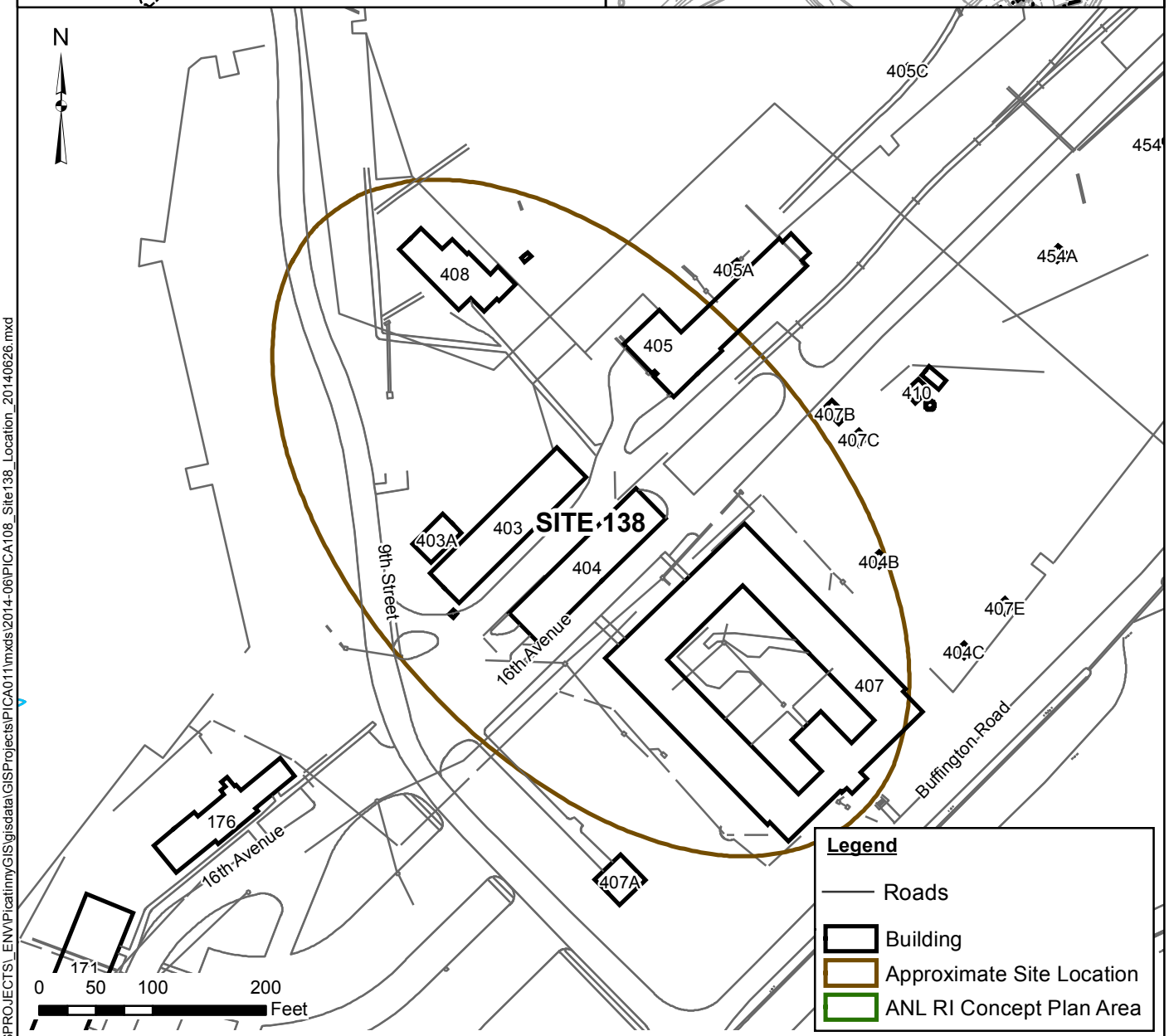
PROJECT MANAGER	DEPARTMENT MANAGER	LEAD DESIGN PROF.	CHECKED BY
T. LLEWELLYN	M. MOHIUDDIN	K. PANHORST	T. LLEWELLYN

SHEET TITLE
HISTORICAL LOC EXCEEDENCES DATA
PICA 011/SITE 122

TASK/PHASE NUMBER	DRAWN BY
EA002	A. FOX

PROJECT NUMBER	DRAWING NUMBER
GP06PICA.P001	3-109





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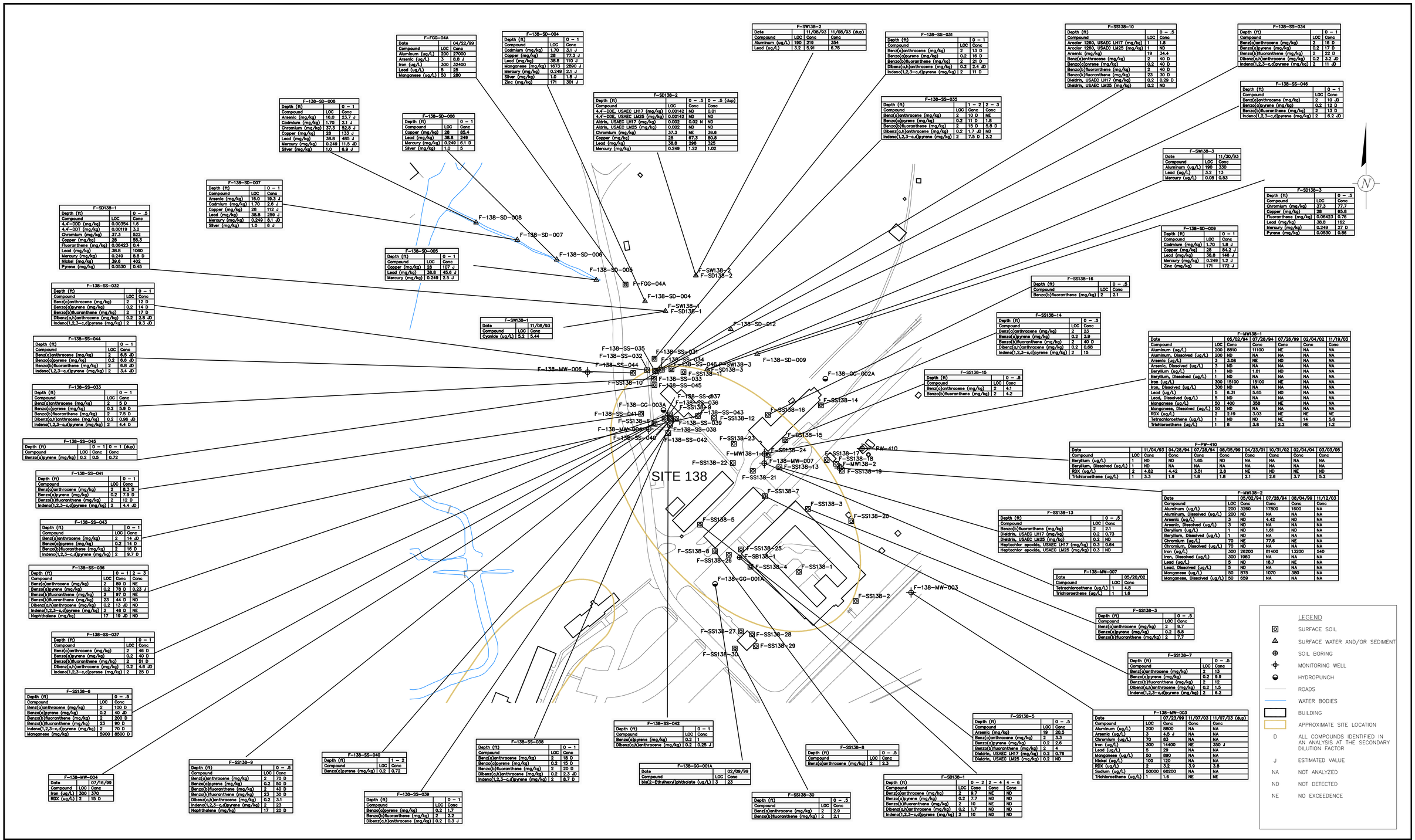
LAYOUT OF PICA 107/SITE 138
BUILDINGS 404, 407, 408
PICATINNY ARSENAL, NEW JERSEY

PROJECT MANAGER T. LLEWELLYN	DEPARTMENT MANAGER M. MOHIUDDIN
DRAWN M.GRESS	CHECKED K. TIPTON
PROJECT NUMBER GP06PICA.P011.NJ001	DRAWING NUMBER 3-110



PLOT SIZE: 22x34

REV. ISSUED DATE DESCRIPTION

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PROJECT TITLE
PICATINNY ARSENAL
NEW JERSEY

PROJECT MANAGER: T. LLEWELLYN	DEPARTMENT MANAGER: M. MOHIUDDIN
LEAD DESIGN PROF.: K. PANHORST	CHECKED BY: T. LLEWELLYN
SHEET TITLE: HISTORICAL LOC EXCEEDENCES DATA AT PICA 107/SITE 138	DRAWN BY: A. FOX
TASK/PHASE NUMBER: EA002	
PROJECT NUMBER: GP06PICA.P001	DRAWING NUMBER: 3-111

Appendix A

Historical Data Analytical Summaries

Historic Analytical Results for Groundwater Samples at PICA 091/Site 100

		Site Name	100	100	100
		Location ID	H-100-MW-001	H-100-MW-002	H-100-MW-003
		Sample Date	10/14/1996	10/10/1996	12/20/2000
		Depth Interval	27.56 - 37.56	9 - 19	10 - 20
		Sample ID	100MW-1(19961014)	100MW-2(19961010)	100MW-3(20001220)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U	
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U	
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U	
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 U	< 10 U
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U	
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U	
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U	
PETN	78-11-5	ug/L	< 20 U	< 20 U	
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U	
RDX	121-82-4	ug/L	< 1.17 U	1.41	
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U	
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U	
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U	< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U	< 10 U
Metals					
Aluminum	7429-90-5	ug/L	25.1	32.6	
Antimony	7440-36-0	ug/L	< 1 U	< 1 U	
Arsenic	7440-38-2	ug/L	< 1 U	< 1 U	
Barium	7440-39-3	ug/L	50.2	13.4	
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U	
Boron	7440-42-8	ug/L	< 50 U	< 50 U	
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U	
Calcium	7440-70-2	ug/L	26200	3750	
Chromium	7440-47-3	ug/L	< 6.96 U	< 6.96 U	
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U	
Copper	7440-50-8	ug/L	< 5 U	< 5 U	
Iron	7439-89-6	ug/L	6650	54.8	
Lead	7439-92-1	ug/L	1.08	< 1 U	
Magnesium	7439-95-4	ug/L	12800	7540	
Manganese	7439-96-5	ug/L	972	10.2	
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U	
Nickel	7440-02-0	ug/L	< 7.11 U	10.2	
Potassium	7440-09-7	ug/L	2140	1350	
Selenium	7782-49-2	ug/L	< 2 U	< 2 U	
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U	
Sodium	7440-23-5	ug/L	10300	21700	
Strontium	7440-24-6	ug/L	130	23	
Thallium	7440-28-0	ug/L	< 1 U	< 1 U	
Titanium	7440-32-6	ug/L	< 2 U	2.75	
Vanadium	7440-62-2	ug/L	< 4.69 U	< 4.69 U	
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U	
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U	
PCBs					
Aroclor 1016	12674-11-2	ug/L	< 0.16 U	< 0.16 U	< 1 U
Aroclor 1221	11104-28-2	ug/L	< 0.16 UT	< 0.16 UT	< 1 U
Aroclor 1232	11141-16-5	ug/L	< 0.16 UT	< 0.16 UT	< 1 U
Aroclor 1242	53469-21-9	ug/L	< 0.19 UT	< 0.19 UT	< 1 U
Aroclor 1248	12672-29-6	ug/L	< 0.19 UT	< 0.19 UT	< 1 U
Aroclor 1254	11097-69-1	ug/L	< 0.19 UT	< 0.19 UT	< 1 U
Aroclor 1260	11096-82-5	ug/L	< 0.19 U	< 0.19 U	< 1 U
Pesticides					
4,4'-DDD	72-54-8	ug/L	< 0.0233 U	< 0.0233 U	
4,4'-DDE	72-55-9	ug/L	< 0.027 U	< 0.027 U	
4,4'-DDT	50-29-3	ug/L	< 0.034 U	< 0.034 U	

		Site Name	100	100	100
		Location ID	H-100-MW-001	H-100-MW-002	H-100-MW-003
		Sample Date	10/14/1996	10/10/1996	12/20/2000
		Depth Interval	27.56 - 37.56	9 - 19	10 - 20
		Sample ID	100MW-1(19961014)	100MW-2(19961010)	100MW-3(20001220)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Aldrin	309-00-2	ug/L	< 0.0918 U	< 0.0918 U	
alpha-BHC	319-84-6	ug/L	< 0.0385 U	< 0.0385 U	
alpha-Chlordane	5103-71-9	ug/L	< 0.075 UT	< 0.075 UT	
beta-BHC	319-85-7	ug/L	< 0.024 U	< 0.024 U	
delta-BHC	319-86-8	ug/L	< 0.0293 U	< 0.0293 U	
Diazinon	333-41-5	ug/L	< 0.188 UT	< 0.188 UT	
Dieldrin	60-57-1	ug/L	< 0.024 U	< 0.024 U	
Endosulfan I	959-98-8	ug/L	< 0.023 U	< 0.023 U	
Endosulfan II	33213-65-9	ug/L	< 0.023 U	< 0.023 U	
Endosulfan sulfate	1031-07-8	ug/L	< 0.0786 U	< 0.0786 U	
Endrin	72-20-8	ug/L	< 0.0238 U	< 0.0238 U	
Endrin aldehyde	7421-93-4	ug/L	< 0.0285 U	< 0.0285 U	
Endrin ketone	53494-70-5	ug/L	< 0.0285 UT	< 0.0285 UT	
gamma-BHC (Lindane)	58-89-9	ug/L	< 0.0507 U	< 0.0507 U	
gamma-Chlordane	5103-74-2	ug/L	< 0.075 UT	< 0.075 UT	
Heptachlor	76-44-8	ug/L	< 0.0423 U	< 0.0423 U	
Heptachlor epoxide	1024-57-3	ug/L	< 0.0245 U	< 0.0245 U	
Isodrin	465-73-6	ug/L	< 0.0562 U	< 0.0562 U	
Malathion	121-75-5	ug/L	< 0.188 UT	0.18 N	
Methoxychlor	72-43-5	ug/L	< 0.057 U	< 0.057 U	
Mirex	2385-85-5	ug/L	< 0.025 U	< 0.025 U	
Toxaphene	8001-35-2	ug/L	< 1.35 U	< 1.35 U	
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U	< 1.8 U	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U	< 1.7 U	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U	< 1.7 U	< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U	< 1.7 U	< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U	< 5.2 U	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U	< 4.2 U	< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U	< 2.9 U	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U	< 5.8 U	< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U	< 21 U	< 50 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U	< 0.5 U	< 10 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U	< 0.99 U	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U	< 1.7 U	< 10 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U	< 3.9 U	< 10 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U	< 4.3 U	< 50 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U	< 3.7 U	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U	< 12 U	< 50 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U	< 4.9 U	< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U	< 17 U	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U	< 4.2 U	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U	< 4 U	< 10 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U	< 7.3 U	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U	< 5.1 U	< 10 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#	< 0.52 U#	< 10 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U	< 5.2 U	< 50 U
4-Nitrophenol	100-02-7	ug/L	< 12 U	< 12 U	< 50 U
Acenaphthene	83-32-9	ug/L	< 1.7 U	< 1.7 U	< 10 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U	< 0.5 U	< 10 U
Aniline	62-53-3	ug/L	< 4.4 U	< 4.4 U	< 10 U
Anthracene	120-12-7	ug/L	< 0.5 U	< 0.5 U	< 10 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U	< 1.6 U	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U	< 4.7 U	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U	< 5.4 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U	< 6.1 U	< 10 U

		Site Name	100	100	100
		Location ID	H-100-MW-001	H-100-MW-002	H-100-MW-003
		Sample Date	10/14/1996	10/10/1996	12/20/2000
		Depth Interval	27.56 - 37.56	9 - 19	10 - 20
		Sample ID	100MW-1(19961014)	100MW-2(19961010)	100MW-3(20001220)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U	< 0.87 U	< 10 U
Benzoic Acid	65-85-0	ug/L	< 13 U	< 13 U	
Benzyl alcohol	100-51-6	ug/L	< 0.72 U	< 0.72 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U	< 1.5 U	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U	< 1.9 U	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U	< 5.3 U	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U	< 4.8 U	< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U	< 3.4 U	< 10 U
Carbazole	86-74-8	ug/L	< 2 U	< 2 U	< 10 U
Chrysene	218-01-9	ug/L	< 2.4 U	< 2.4 U	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U	< 6.5 U	< 10 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U	< 1.7 U	< 10 U
Diethylphthalate	84-66-2	ug/L	< 2 U	< 2 U	< 10 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U	< 1.5 U	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U	< 3.7 U	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U	< 15 U	< 10 U
Diphenylamine	122-39-4	ug/L	< 2.5 U	< 2.5 U	< 10 U
Fluoranthene	206-44-0	ug/L	< 3.3 U	< 3.3 U	< 10 U
Fluorene	86-73-7	ug/L	< 3.7 U	< 3.7 U	< 10 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U	< 1.6 U	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U	< 3.4 U	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U	< 8.6 U	< 50 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U	< 1.5 U	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U	< 8.6 U	< 10 U
Isophorone	78-59-1	ug/L	< 4.8 U	< 4.8 U	< 10 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U	< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U	< 4.4 U	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U	< 3 U	< 10 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U		< 10 U
Phenanthrene	85-01-8	ug/L	< 0.5 U	< 0.5 U	< 10 U
Phenol	108-95-2	ug/L	< 9.2 U	< 9.2 U	< 10 U
Pyrene	129-00-0	ug/L	< 2.8 U	< 2.8 U	< 10 U
TPH					
Diesel Range Organics	DRO	ug/L	< 340 U	< 340 U	
Gasoline range organics	GRO	ug/L	< 340 U	< 340 U	
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U	< 340 U	
TRPH	TRPH	ug/L	< 184 U	< 173 U	
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U	
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U	< 1 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U	< 10 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U	< 5 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U	< 10 (U)
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U	< 20 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U	< 1 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U	< 1 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U	< 2 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U	< 1 U

		Site Name	100	100	100
		Location ID	H-100-MW-001	H-100-MW-002	H-100-MW-003
		Sample Date	10/14/1996	10/10/1996	12/20/2000
		Depth Interval	27.56 - 37.56	9 - 19	10 - 20
		Sample ID	100MW-1(19961014)	100MW-2(19961010)	100MW-3(20001220)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U	< 1 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U	< 2 U
Chloroform	67-66-3	ug/L	< 0.5 U	1.4	< 1 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L			< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U	< 2 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U	
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 0.5 U	< 1 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U	
Methylene chloride	75-09-2	ug/L	< 2.3 U	< 2.3 U	< 1 U
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U	
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U	< 1 U
Toluene	108-88-3	ug/L	< 0.5 U	< 0.5 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L			< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U	< 1 U
Trichloroethene	79-01-6	ug/L	< 0.5 U	< 0.5 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U	< 2 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U	
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U	< 2 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U	< 1 U
WetChem					
Ammonia	7664-41-7	ug/L	< 60 U	< 60 U	
Chloride	16887-00-6	ug/L	69000	46000	
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U	
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	< 10 U	78.6	
Phosphate	14265-44-2	ug/L	< 13.3 U	< 13.3 U	
Sulfate	14808-79-8	ug/L	24000	10000	
Sulfide	18496-25-8	ug/L	< 50 U	< 50 U	

Historic Analytical Results for Sediment Samples at PICA 091/Site 100

		Site Name	100	100
		Location ID	H-100-SD-001	H-100-SD-002
		Sample Date	7/10/1996	7/10/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	100SD-1(0-1)	100SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U	< 1.19 U
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U
Metals				
Aluminum	7429-90-5	mg/kg	13200	7550
Antimony	7440-36-0	mg/kg	< 0.1 U	0.41
Arsenic	7440-38-2	mg/kg	5.81	4.84
Barium	7440-39-3	mg/kg	53.4	160
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	11.4	17.1
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	322	16200
Chromium	7440-47-3	mg/kg	29.5	< 4.05 U
Cobalt	7440-48-4	mg/kg	4.23	< 1.42 U
Copper	7440-50-8	mg/kg	34.7	22.1
Iron	7439-89-6	mg/kg	18800	9140
Lead	7439-92-1	mg/kg	37.1	65.5
Magnesium	7439-95-4	mg/kg	2870	1780
Manganese	7439-96-5	mg/kg	64.8	59.1
Mercury	7439-97-6	mg/kg	0.35	0.52
Nickel	7440-02-0	mg/kg	13.5	15.7
Potassium	7440-09-7	mg/kg	1180	438
Selenium	7782-49-2	mg/kg	1.4	2.85
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	460	973
Strontium	7440-24-6	mg/kg	7.93 J	73 J
Thallium	7440-28-0	mg/kg	0.24	0.24
Titanium	7440-32-6	mg/kg	292	160
Vanadium	7440-62-2	mg/kg	42.2	17.7
Zinc	7440-66-6	mg/kg	46.1	90.6
Zirconium	7440-67-7	mg/kg	4	< 2.5 U
PCBs				
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	< 0.082 UT	< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg	< 0.0804 U	< 0.0804 U
Pesticides				
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-SD-001 / 7/10/1996 / 0 - 1 / 100SD-1(0-1) / SE	100 / H-100-SD-002 / 7/10/1996 / 0 - 1 / 100SD-2(0-1) / SE
SVOC (continued)				
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	0.13	0.24
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.05	0.13
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	0.08	0.22

		Site Name	100	100
		Location ID	H-100-SD-001	H-100-SD-002
		Sample Date	7/10/1996	7/10/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	100SD-1(0-1)	100SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
TPH				
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U
TRPH	TRPH	mg/kg	55.2	96
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U
WetChem				
Ammonia	7664-41-7	mg/kg	134	568
Chloride	16887-00-6	mg/kg	< 6.05 U	37.4
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U
Phosphate	14265-44-2	mg/kg	200	300
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U
Total organic carbon	TOC	mg/kg	37100	237000

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-MW-001 / 5/29/1996 / 0 - 2 / 100MW-1A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 0 - 2 / 100MW-2A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 4 - 6 / 100MW-2B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 0 - 2 / 100SB-1A(0-2) / SO	100 / H-100-SB-001 / 5/16/1996 / 4 - 6 / 100SB-1B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 14 - 16 / 100SB-1D(14-16) / SO	100 / H-100-SB-002 / 5/17/1996 / 0 - 2 / 100SB-2A(0-2) / SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 UJ	< 0.488 UJ	< 0.488 UJ	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	2.58	0.54	1.07	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals									
Aluminum	7429-90-5	mg/kg	11400	8450	5830	10100	11300	10100	9290
Antimony	7440-36-0	mg/kg	0.26	0.48	< 0.1 U	0.48	1.3	< 0.1 U	0.83
Arsenic	7440-38-2	mg/kg	9.58	18.8	4.6	6.55	5.39	1.76	7.16
Barium	7440-39-3	mg/kg	46.6	201	45.8	103	113	65.1	73.3
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.65	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	8.15	8.26	< 5.91 U	9.46	13.1	< 5.91 U	8.31
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	1.09	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	3180	12700	2530	25600	36300	4290	14300
Chromium	7440-47-3	mg/kg	15.4	22	13.8	26.2	22.5	15.1	22.9
Cobalt	7440-48-4	mg/kg	6.68	10.5	5.2	8.39	8.64	5.28	11.2
Copper	7440-50-8	mg/kg	19.2	107	15.8	229	59.2	23.8	43.3
Iron	7439-89-6	mg/kg	15500	14200	12100	17900	16300	13000	19900
Lead	7439-92-1	mg/kg	41.8	112	18.1	62.8	70.3	12.4	75.6
Magnesium	7439-95-4	mg/kg	1950	3160	2650	5460	6450	1850	3990
Manganese	7439-96-5	mg/kg	209	224	257	407	421	73.8	208
Mercury	7439-97-6	mg/kg	0.21	0.14	< 0.05 U	0.62	0.42	< 0.05 U	0.3 J
Nickel	7440-02-0	mg/kg	11.6	13.7	9.96	17.7	15.1	13.6	23.4
Potassium	7440-09-7	mg/kg	649	1310	603	968	1020	394	1220
Selenium	7782-49-2	mg/kg	2.45	1.25	0.67	1.79	1.07	0.8	1.28
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	387	418	300	537	650	457	374
Strontium	7440-24-6	mg/kg	100	20.7	25.3	140	160	15.7	110
Thallium	7440-28-0	mg/kg	0.28	0.17	< 0.1 U	0.15	< 0.1 U	0.13	0.15
Titanium	7440-32-6	mg/kg	888	363	343	781	704	169	563
Vanadium	7440-62-2	mg/kg	23.3	25.9	13.5	24.2	26.7	20.4	25.9
Zinc	7440-66-6	mg/kg	80.9	223	43.5	402	137	32.2	183
Zirconium	7440-67-7	mg/kg	6.81	4.96	7.54	13.9	13.7	4.58	6.14

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-MW-001 / 5/29/1996 / 0 - 2 / 100MW-1A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 0 - 2 / 100MW-2A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 4 - 6 / 100MW-2B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 0 - 2 / 100SB-1A(0-2) / SO	100 / H-100-SB-001 / 5/16/1996 / 4 - 6 / 100SB-1B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 14 - 16 / 100SB-1D(14-16) / SO	100 / H-100-SB-002 / 5/17/1996 / 0 - 2 / 100SB-2A(0-2) / SO
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg	0.29	0.14	< 0.0804 U	< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	10
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	0.19	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	0.05	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	0.06	0.07	< 0.033 U	0.3	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	0.33	< 0.17 U	0.2	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	0.63	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	1.5	< 0.21 U	0.58	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.38	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.34	< 0.066 U	0.16	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-MW-001 / 5/29/1996 / 0 - 2 / 100MW-1A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 0 - 2 / 100MW-2A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 4 - 6 / 100MW-2B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 0 - 2 / 100SB-1A(0-2) / SO	100 / H-100-SB-001 / 5/16/1996 / 4 - 6 / 100SB-1B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 14 - 16 / 100SB-1D(14-16) / SO	100 / H-100-SB-002 / 5/17/1996 / 0 - 2 / 100SB-2A(0-2) / SO
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	0.76	0.16	0.35	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	0.18	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	0.73	0.46	0.27	2	2	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.46	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	0.26	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.13	0.51	0.06	2	1	< 0.033 U	0.2
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	0.61	0.23	0.49	2	2	< 0.033 U	0.3
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	18.8	< 8.24 U	< 8.24 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	0.01	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-MW-001 / 5/29/1996 / 0 - 2 / 100MW-1A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 0 - 2 / 100MW-2A(0-2) / SO	100 / H-100-MW-002 / 5/29/1996 / 4 - 6 / 100MW-2B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 0 - 2 / 100SB-1A(0-2) / SO	100 / H-100-SB-001 / 5/16/1996 / 4 - 6 / 100SB-1B(4-6) / SO	100 / H-100-SB-001 / 5/16/1996 / 14 - 16 / 100SB-1D(14-16) / SO	100 / H-100-SB-002 / 5/17/1996 / 0 - 2 / 100SB-2A(0-2) / SO
VOC (continued)									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg							
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	0.01	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	0.06	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.94	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Ammonia	7664-41-7	mg/kg	93.7	35.9	< 12.5 U	23.4	23.3	31.8	21.8
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	30.1	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	20.6	< 3.62 U	7.25	< 3.62 U	< 3.62 U	14.2	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	1.99	< 0.6 U	< 0.6 U	< 0.6 U	0.82	0.74	0.8
Phosphate	14265-44-2	mg/kg	300	300	1500	670	560	450	1000
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	255	< 90.4 U	313
Sulfide	18496-25-8	mg/kg	19.7	< 6 U	10.7	29.9	190	< 6 U	< 6 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-SB-002 / 5/17/1996 / 5 - 7 / 100SB-2B(5-7) / SO	100 / H-100-SB-002 / 5/30/1996 / 10 - 12 / 100SB-2C(10-12) / SO	100 / H-100-SB-003 / 5/30/1996 / 0 - 2 / 100SB-3A(0-2) / SO	100 / H-100-SB-003 / 5/30/1996 / 10 - 12 / 100SB-3C(10-12) / SO	100 / H-100-SB-004 / 11/8/2000 / 5 - 7 / 100SB-4B(5-7) / SO	100 / H-100-SS-001B / 3/25/1996 / 0 - 1 / 100SS-1B(0-1) / SO	100 / H-100-SS-002C / 12/12/1995 / 0 - 1 / 100SS-2C(0-1) / SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U		< 0.488 U	1.73			< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U		< 0.496 U	< 0.496 U			< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	0.47		< 0.456 U	0.51			< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U		< 0.666 U	< 0.666 U			< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U		< 2.41 U	< 2.41 U			< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U		< 10.4 U	< 10.4 U			< 10.4 UJ
Nitroglycerin	55-63-0	mg/kg	< 4 U		< 4 U	< 4 U			< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U		< 0.475 U	< 0.475 U			< 0.475 U
PETN	78-11-5	mg/kg	< 4 U		< 4 U	< 4 U			< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U		< 0.108 U	0.68			< 0.108 R
RDX	121-82-4	mg/kg	< 0.587 U		< 0.587 U	< 0.587 U			< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R		< 1.19 R	< 1.19 R			< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U		< 0.731 U	< 0.731 U			< 0.731 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U		< 0.424 U	< 0.424 U			< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U		< 0.524 U	< 0.524 U			< 0.524 U
Metals									
Aluminum	7429-90-5	mg/kg	14900		11900	22600			9990
Antimony	7440-36-0	mg/kg	< 0.1 U		< 0.1 U	< 0.1 U			0.86
Arsenic	7440-38-2	mg/kg	2.21		10.8	1.26			10.8
Barium	7440-39-3	mg/kg	144		37.9	82.3			61.3
Beryllium	7440-41-7	mg/kg	< 0.5 U		< 0.5 U	1.6			< 0.5 U
Boron	7440-42-8	mg/kg	8.62		9.04	< 5.91 U			< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U		< 0.7 U	< 0.7 U			< 0.7 U
Calcium	7440-70-2	mg/kg	1450		409	3640			12200
Chromium	7440-47-3	mg/kg	59.4		20.5	122			20.1
Cobalt	7440-48-4	mg/kg	65.9		5.54	19			9.97
Copper	7440-50-8	mg/kg	70.8		12.1	67.9			56.6
Iron	7439-89-6	mg/kg	27700		16200	46100			19200
Lead	7439-92-1	mg/kg	33		21	6.58			182
Magnesium	7439-95-4	mg/kg	2310		1440	10600			8340
Manganese	7439-96-5	mg/kg	2970		74.8	277			432
Mercury	7439-97-6	mg/kg	0.08 J		0.13	< 0.05 U			0.12
Nickel	7440-02-0	mg/kg	93		12.6	45.2			16.6
Potassium	7440-09-7	mg/kg	1080		425	4350			1810
Selenium	7782-49-2	mg/kg	1.63		1.09	1.38			0.33
Silver	7440-22-4	mg/kg	< 0.589 U		< 0.589 U	< 0.589 U			< 0.589 UJ
Sodium	7440-23-5	mg/kg	429		393	425			225
Strontium	7440-24-6	mg/kg	10.7		13	10.6			29
Thallium	7440-28-0	mg/kg	0.51		0.29	0.51			0.17
Titanium	7440-32-6	mg/kg	96		461	2400			790
Vanadium	7440-62-2	mg/kg	33.8		23.4	114			29.5
Zinc	7440-66-6	mg/kg	134		46.1	105			214
Zirconium	7440-67-7	mg/kg	< 2.5 U		8.51	< 2.5 U			4.48

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-SB-002 / 5/17/1996 / 5 - 7 / 100SB-2B(5-7) / SO	100 / H-100-SB-002 / 5/30/1996 / 10 - 12 / 100SB-2C(10-12) / SO	100 / H-100-SB-003 / 5/30/1996 / 0 - 2 / 100SB-3A(0-2) / SO	100 / H-100-SB-003 / 5/30/1996 / 10 - 12 / 100SB-3C(10-12) / SO	100 / H-100-SB-004 / 11/8/2000 / 5 - 7 / 100SB-4B(5-7) / SO	100 / H-100-SS-001B / 3/25/1996 / 0 - 1 / 100SS-1B(0-1) / SO	100 / H-100-SS-002C / 12/12/1995 / 0 - 1 / 100SS-2C(0-1) / SO
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U		< 0.0666 U	< 0.0666 U		< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT		< 0.082 UT	< 0.082 UT		< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT		< 0.082 UT	< 0.082 UT		< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT		< 0.082 UT	< 0.082 UT		< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT		< 0.082 UT	< 0.082 UT		< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	< 0.082 UT		< 0.082 UT	< 0.082 UT		< 0.082 UT	< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg	< 0.0804 U		< 0.0804 U	< 0.0804 U		< 0.0804 U	< 0.0804 U
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U		< 0.25 U	< 0.25 U			< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U			< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U		< 0.04 U	< 0.04 U			< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U		< 0.11 U	< 0.11 U			< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U		< 0.13 U	< 0.13 U			< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U		< 0.098 U	< 0.098 U			< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U		< 0.1 U	< 0.1 U			< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U		< 0.17 U	< 0.17 U			< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U		< 0.18 U	< 0.18 U			< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U		< 0.69 U	< 0.69 U			< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U		< 1.2 U	< 1.2 U			< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U		< 0.036 U	< 0.036 U			< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U		< 0.06 U	< 0.06 U			< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U		< 0.049 U	< 0.049 U			< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U		< 0.029 U	< 0.029 U			< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U		< 0.062 U	< 0.062 U			< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U		< 0.14 U	< 0.14 U			< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U		< 6.3 U	< 6.3 U			< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U		< 0.45 U	< 0.45 U			< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U		< 0.55 U	< 0.55 U			< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U		< 0.095 U	< 0.095 U			< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U		< 0.81 U	< 0.81 U			< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	< 0.24 U#			< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U		< 0.41 U	< 0.41 U			< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U		< 1.4 U	< 1.4 U			< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U		< 0.036 U	< 0.036 U	0.06 J		< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U	0.07 J		< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U		< 0.65 U	< 0.65 U			< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U		0.07	< 0.033 U	0.24 J		< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U		0.21	< 0.17 U	0.99		< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U		< 0.25 U	< 0.25 U	0.98		< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U		0.32	< 0.21 U	1.4		< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U		< 0.25 U	< 0.25 U	0.61		< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U		0.09	< 0.066 U	0.4		< 0.066 U

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SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U		< 0.19 U	< 0.19 U			< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U		< 0.059 U	< 0.059 U			< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U		< 0.2 U	< 0.2 U			< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U		< 0.62 U	< 0.62 U			< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U		< 0.17 U	< 0.17 U			< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U		< 0.14 U	< 0.14 U			< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U		0.23	< 0.12 U	0.87		< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U		< 0.21 U	< 0.21 U	0.13 J		< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U		< 0.035 U	< 0.035 U			< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	< 0.24 U			< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U		< 0.17 U	< 0.17 U			< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U		< 0.061 U	< 0.061 U			< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U		< 0.19 U	< 0.19 U			< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U		< 0.13 U	< 0.13 U			< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U		0.55	< 0.068 U	1.7		< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U	0.14 J		< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U		< 0.23 U	< 0.23 U			< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U		< 6.2 U	< 6.2 U			< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U		< 0.15 U	< 0.15 U			< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U		< 0.29 U	< 0.29 U	0.7		< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U		< 0.037 U	< 0.037 U	0.07 J		< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U		< 0.2 U	< 0.2 U			< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U		< 0.19 U	< 0.19 U			< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U		< 1.3 U	< 1.3 U			< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U		0.26	< 0.033 U	0.88		< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U		< 0.11 U	< 0.11 U			< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U		0.41	< 0.033 U	1.6		< 0.033 U
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U		< 8.24 U	< 8.24 U			20.5
Gasoline range organics	GRO	mg/kg	< 8.3 U		< 8.3 U	< 8.3 U			< 8 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U		< 8 U	< 8 U			< 8 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U			< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		< 0.82 U	< 0.82 U	< 0.82 U			< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.54 U	< 0.54 U	< 0.54 U			< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.39 U	< 0.39 U	< 0.39 U			< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.3 U	< 0.3 U	< 0.3 U			< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
2-Butanone	78-93-3	mg/kg		< 0.07 U	< 0.07 U	< 0.07 U			< 0.07 U
2-Hexanone	591-78-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U			< 0.032 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 H-100-SB-002 5/17/1996 5 - 7 100SB-2B(5-7) SO	100 H-100-SB-002 5/30/1996 10 - 12 100SB-2C(10-12) SO	100 H-100-SB-003 5/30/1996 0 - 2 100SB-3A(0-2) SO	100 H-100-SB-003 5/30/1996 10 - 12 100SB-3C(10-12) SO	100 H-100-SB-004 11/8/2000 5 - 7 100SB-4B(5-7) SO	100 H-100-SS-001B 3/25/1996 0 - 1 100SS-1B(0-1) SO	100 H-100-SS-002C 12/12/1995 0 - 1 100SS-2C(0-1) SO
VOC (continued)									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.027 U	< 0.027 U	< 0.027 U			< 0.027 U
Acetone	67-64-1	mg/kg		< 0.017 U	< 0.017 U	< 0.017 U			< 0.017 U
Acetonitrile	75-05-8	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
Benzene	71-43-2	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
Bromodichloromethane	75-27-4	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
Bromoform	75-25-2	mg/kg		< 0.69 U	< 0.69 U	< 0.69 U			< 0.69 U
Bromomethane	74-83-9	mg/kg		< 0.57 U	< 0.57 U	< 0.57 U			< 0.57 U
Carbon disulfide	75-15-0	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U			< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.7 U	< 0.7 U	< 0.7 U			< 0.7 U
Chlorobenzene	108-90-7	mg/kg		< 0.086 U	< 0.086 U	< 0.086 U			< 0.086 U
Chloroethane	75-00-3	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U			< 0.012 U
Chloroform	67-66-3	mg/kg		< 0.087 U	< 0.087 U	< 0.087 U			< 0.087 U
Chloromethane	74-87-3	mg/kg		< 0.88 U	< 0.88 U	< 0.88 U			< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U			< 0.32 U
Dibromochloromethane	124-48-1	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U			< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg		< 0.014 U	< 0.014 U	< 0.014 U			< 0.014 U
Ethanol	64-17-5	mg/kg		< 3.7 U	< 3.7 U	< 3.7 U			< 3.7 U
Ethyl benzene	100-41-4	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
Ethylene Oxide	75-21-8	mg/kg							< 0.3 U
Isopropanol	67-63-0	mg/kg		< 0.79 U	< 0.79 U	< 0.79 U			< 0.79 U
Methylene chloride	75-09-2	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U			< 0.012 U
Styrene	100-42-5	mg/kg		< 0.26 U	< 0.26 U	< 0.26 U			< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg		< 0.5 U	< 0.5 U	< 0.5 U			< 1 U
Tetrachloroethene	127-18-4	mg/kg		< 0.081 U	< 0.081 U	< 0.081 U			< 0.081 U
Toluene	108-88-3	mg/kg		< 0.078 U	< 0.078 U	< 0.078 U			< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U			< 0.28 U
Trichloroethene	79-01-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U			< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.59 U	< 0.59 U	< 0.59 U			< 0.59 U
Vinyl acetate	108-05-4	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U			< 0.032 U
Vinyl chloride	75-01-4	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U			< 0.62 U
Xylenes	1330-20-7	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
WetChem									
% Solids	%Solid	%					90.7		
Ammonia	7664-41-7	mg/kg	< 12.5 U		72.2	22.1			57.1
Chloride	16887-00-6	mg/kg	< 6.05 U		< 6.05 U	< 6.05 U			< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U		< 0.92 U	< 0.92 U			< 0.92 U
Fluoride	16984-48-8	mg/kg	6.6		< 3.62 U	7.25			< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	0.73		< 0.6 U	< 0.6 U			< 0.6 U
Phosphate	14265-44-2	mg/kg	77		260	660			1800
Sulfate	14808-79-8	mg/kg	< 90.4 U		< 90.4 U	< 90.4 U			< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U		< 6 U	< 6 U			8.81

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-SS-003 / 12/11/2000 / 0 - 1 / 100SS-3A(0-1) / SO	100 / H-100-SS-004 / 12/11/2000 / 0 - 1 / 100SS-4A(0-1) / SO	100 / H-100-SS-005 / 12/11/2000 / 0 - 1 / 100SS-5A(0-1) / SO	100 / H-100-SS-006 / 12/11/2000 / 0 - 1 / 100SS-6A(0-1) / SO	100 / H-100-SS-007 / 12/11/2000 / 0 - 1 / 100SS-7A(0-1) / SO	100 / H-100-SS-008 / 12/11/2000 / 0 - 1 / 100SS-8A(0-1) / SO	100 / H-100-TP-001 / 11/21/1996 / 0 - .5 / 100TP-1A(0-0.5) / SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg							
1,3-Dinitrobenzene	99-65-0	mg/kg							
2,4,6-Trinitrotoluene	118-96-7	mg/kg							
HMX	2691-41-0	mg/kg							
Nitrobenzene	98-95-3	mg/kg							
Nitrocellulose	9004-70-0	mg/kg							
Nitroglycerin	55-63-0	mg/kg							
Nitroguanidine	556-88-7	mg/kg							
PETN	78-11-5	mg/kg							
Picric Acid	88-89-1	mg/kg							
RDX	121-82-4	mg/kg							
Tetrazene	14097-21-3	mg/kg							
Tetryl	479-45-8	mg/kg							
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg							
Metals									
Aluminum	7429-90-5	mg/kg							10500
Antimony	7440-36-0	mg/kg							1.74
Arsenic	7440-38-2	mg/kg							6.37
Barium	7440-39-3	mg/kg							85.4
Beryllium	7440-41-7	mg/kg							< 0.5 U
Boron	7440-42-8	mg/kg							16.9
Cadmium	7440-43-9	mg/kg							1.18
Calcium	7440-70-2	mg/kg							4240
Chromium	7440-47-3	mg/kg							28.4
Cobalt	7440-48-4	mg/kg							14
Copper	7440-50-8	mg/kg							68.3
Iron	7439-89-6	mg/kg							24000
Lead	7439-92-1	mg/kg							416
Magnesium	7439-95-4	mg/kg							4930
Manganese	7439-96-5	mg/kg							291
Mercury	7439-97-6	mg/kg							0.41
Nickel	7440-02-0	mg/kg							21.5
Potassium	7440-09-7	mg/kg							1320
Selenium	7782-49-2	mg/kg							0.55
Silver	7440-22-4	mg/kg							< 0.589 U
Sodium	7440-23-5	mg/kg							311
Strontium	7440-24-6	mg/kg							37
Thallium	7440-28-0	mg/kg							0.29
Titanium	7440-32-6	mg/kg							736 J
Vanadium	7440-62-2	mg/kg							43.7
Zinc	7440-66-6	mg/kg							393
Zirconium	7440-67-7	mg/kg							6.75

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 H-100-SS-003 12/11/2000 0 - 1 100SS-3A(0-1) SO	100 H-100-SS-004 12/11/2000 0 - 1 100SS-4A(0-1) SO	100 H-100-SS-005 12/11/2000 0 - 1 100SS-5A(0-1) SO	100 H-100-SS-006 12/11/2000 0 - 1 100SS-6A(0-1) SO	100 H-100-SS-007 12/11/2000 0 - 1 100SS-7A(0-1) SO	100 H-100-SS-008 12/11/2000 0 - 1 100SS-8A(0-1) SO	100 H-100-TP-001 11/21/1996 0 - .5 100TP-1A(0-0.5) SO
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.76 UD	< 0.2 UD	< 0.4 UD	< 0.38 UD			
Aroclor 1221	11104-28-2	mg/kg	< 0.76 UD	< 0.2 UD	< 0.4 UD	< 0.38 UD			
Aroclor 1232	11141-16-5	mg/kg	< 0.76 UD	< 0.2 UD	< 0.4 UD	< 0.38 UD			
Aroclor 1242	53469-21-9	mg/kg	< 0.76 UD	< 0.2 UD	< 0.4 UD	< 0.38 UD			
Aroclor 1248	12672-29-6	mg/kg	4.4 D	0.82 D	2.1 D	3.1 D			
Aroclor 1254	11097-69-1	mg/kg	< 0.76 UD	< 0.2 UD	< 0.4 UD	< 0.38 UD			
Aroclor 1260	11096-82-5	mg/kg	8 D	0.82 JD	1.4 JD	4 JD			
Pesticides									
Mirex	2385-85-5	mg/kg							
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							
1,2,4-Trichlorobenzene	120-82-1	mg/kg							
1,2-Dichlorobenzene	95-50-1	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg							
2,4,5-Trichlorophenol	95-95-4	mg/kg							
2,4,6-Trichlorophenol	88-06-2	mg/kg							
2,4-Dichlorophenol	120-83-2	mg/kg							
2,4-Dimethylphenol	105-67-9	mg/kg							
2,4-Dinitrophenol	51-28-5	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg							
2-Chlorophenol	95-57-8	mg/kg							
2-Methylnaphthalene	91-57-6	mg/kg							
2-Methylphenol	95-48-7	mg/kg							
2-Nitroaniline	88-74-4	mg/kg							
2-Nitrophenol	88-75-5	mg/kg							
3,3'-Dichlorobenzidine	91-94-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							
4-Bromophenyl phenyl ether	101-55-3	mg/kg							
4-Chloro-3-methylphenol	59-50-7	mg/kg							
4-Chloroaniline	106-47-8	mg/kg							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg					0.14 JD	0.14 JD	
Acenaphthylene	208-96-8	mg/kg					0.6 JD	0.35 JD	
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg					1.1 D	0.62 JD	
Benz(a)anthracene	56-55-3	mg/kg					6.3 D	3.8 D	
Benzo(a)pyrene	50-32-8	mg/kg					6.2 D	4.3 D	
Benzo(b)fluoranthene	205-99-2	mg/kg					7.8 D	5.3 D	
Benzo(g,h,i)perylene	191-24-2	mg/kg					3.1 D	2.4 D	
Benzo(k)fluoranthene	207-08-9	mg/kg					3.6 D	2.6 D	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 H-100-SS-003 12/11/2000 0 - 1 100SS-3A(0-1) SO	100 H-100-SS-004 12/11/2000 0 - 1 100SS-4A(0-1) SO	100 H-100-SS-005 12/11/2000 0 - 1 100SS-5A(0-1) SO	100 H-100-SS-006 12/11/2000 0 - 1 100SS-6A(0-1) SO	100 H-100-SS-007 12/11/2000 0 - 1 100SS-7A(0-1) SO	100 H-100-SS-008 12/11/2000 0 - 1 100SS-8A(0-1) SO	100 H-100-TP-001 11/21/1996 0 - .5 100TP-1A(0-0.5) SO
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg					6.4 D	3.9 D	
Dibenz(a,h)anthracene	53-70-3	mg/kg					1.2 D	0.79 JD	
Dibenzofuran	132-64-9	mg/kg							
Diethylphthalate	84-66-2	mg/kg							
Dimethylphthalate	131-11-3	mg/kg							
di-n-Butylphthalate	84-74-2	mg/kg							
di-n-Octylphthalate	117-84-0	mg/kg							
Diphenylamine	122-39-4	mg/kg							
Fluoranthene	206-44-0	mg/kg					8.5 D	5.4 D	
Fluorene	86-73-7	mg/kg					0.38 JD	0.2 JD	
Hexachlorobenzene	118-74-1	mg/kg							
Hexachlorobutadiene	87-68-3	mg/kg							
Hexachlorocyclopentadiene	77-47-4	mg/kg							
Hexachloroethane	67-72-1	mg/kg							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg					4 D	2.9 D	
Isophorone	78-59-1	mg/kg							
Naphthalene	91-20-3	mg/kg					0.13 JD	< 0.8 UD	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							
n-Nitrosodiphenylamine	86-30-6	mg/kg							
Pentachlorophenol	87-86-5	mg/kg							
Phenanthrene	85-01-8	mg/kg					4.4 D	1.9 D	
Phenol	108-95-2	mg/kg							
Pyrene	129-00-0	mg/kg					9.1 D	4.6 D	
TPH									
Diesel Fuel	68334-30-5	mg/kg							
Gasoline range organics	GRO	mg/kg							
TPH, aviation gas fraction	50815-00-4	mg/kg							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg							
1,1,2-Trichloroethane	79-00-5	mg/kg							
1,1-Dichloroethane	75-34-3	mg/kg							
1,1-Dichloroethene	75-35-4	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg							
1,2-Dichloroethene (total)	540-59-0	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg							
2-Butanone	78-93-3	mg/kg							
2-Hexanone	591-78-6	mg/kg							

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-SS-003 / 12/11/2000 / 0 - 1 / 100SS-3A(0-1) / SO	100 / H-100-SS-004 / 12/11/2000 / 0 - 1 / 100SS-4A(0-1) / SO	100 / H-100-SS-005 / 12/11/2000 / 0 - 1 / 100SS-5A(0-1) / SO	100 / H-100-SS-006 / 12/11/2000 / 0 - 1 / 100SS-6A(0-1) / SO	100 / H-100-SS-007 / 12/11/2000 / 0 - 1 / 100SS-7A(0-1) / SO	100 / H-100-SS-008 / 12/11/2000 / 0 - 1 / 100SS-8A(0-1) / SO	100 / H-100-TP-001 / 11/21/1996 / 0 - .5 / 100TP-1A(0-0.5) / SO
VOC (continued)									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							
Acetone	67-64-1	mg/kg							
Acetonitrile	75-05-8	mg/kg							
Benzene	71-43-2	mg/kg							
Bromodichloromethane	75-27-4	mg/kg							
Bromoform	75-25-2	mg/kg							
Bromomethane	74-83-9	mg/kg							
Carbon disulfide	75-15-0	mg/kg							
Carbon tetrachloride	56-23-5	mg/kg							
Chlorobenzene	108-90-7	mg/kg							
Chloroethane	75-00-3	mg/kg							
Chloroform	67-66-3	mg/kg							
Chloromethane	74-87-3	mg/kg							
cis-1,3-Dichloropropene	10061-01-5	mg/kg							
Dibromochloromethane	124-48-1	mg/kg							
Dichlorodifluoromethane	75-71-8	mg/kg							
Ethanol	64-17-5	mg/kg							
Ethyl benzene	100-41-4	mg/kg							
Ethylene Oxide	75-21-8	mg/kg							
Isopropanol	67-63-0	mg/kg							
Methylene chloride	75-09-2	mg/kg							
Styrene	100-42-5	mg/kg							
tert-Butylalcohol	75-65-0	mg/kg							
Tetrachloroethene	127-18-4	mg/kg							
Toluene	108-88-3	mg/kg							
trans-1,3-Dichloropropene	10061-02-6	mg/kg							
Trichloroethene	79-01-6	mg/kg							
Trichlorofluoromethane	75-69-4	mg/kg							
Vinyl acetate	108-05-4	mg/kg							
Vinyl chloride	75-01-4	mg/kg							
Xylenes	1330-20-7	mg/kg							
WetChem									
% Solids	%Solid	%	87	80.6	83.5	85.9	88	82.5	
Ammonia	7664-41-7	mg/kg							
Chloride	16887-00-6	mg/kg							
Cyanide	57-12-5	mg/kg							< 0.92 U
Fluoride	16984-48-8	mg/kg							
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg							
Phosphate	14265-44-2	mg/kg							
Sulfate	14808-79-8	mg/kg							
Sulfide	18496-25-8	mg/kg							

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-TP-001 / 11/21/1996 / 0 - .5 / 100TP-1ADUP(0-0.5) / SO	100 / H-100-TP-001 / 11/21/1996 / 2 - 3 / 100TP-1B(2-3) / SO	100 / H-100-TP-001 / 11/21/1996 / 2 - 3 / 100TP-1BDUP(2-3) / SO	100 / H-100-TP-001 / 11/21/1996 / 6 - 7 / 100TP-1C(6-7) / SO	100 / H-100-TP-001 / 11/21/1996 / 6 - 7 / 100TP-1CDUP(6-7) / SO	100 / H-100-TP-002 / 11/21/1996 / 1 - 2 / 100TP-2A(1-2) / SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
Nitroguanidine	556-88-7	mg/kg						
PETN	78-11-5	mg/kg						
Picric Acid	88-89-1	mg/kg						
RDX	121-82-4	mg/kg						
Tetrazene	14097-21-3	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg	10100	10100	7950	11800	10000	9780
Antimony	7440-36-0	mg/kg	2.19	0.88	0.9	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	7.72	6.21	6.01	3.06	2.54	3.46
Barium	7440-39-3	mg/kg	93.6	136	139	210	177	41.6
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	11	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	1.15	2.89	2.61	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	3900	2430	2420	1680	1810	334
Chromium	7440-47-3	mg/kg	30.8	21.6	18	20.5	17.2	9.36
Cobalt	7440-48-4	mg/kg	13.8	8.03	6.83	13.3	12.3	4.89
Copper	7440-50-8	mg/kg	67.4	249	228	33.2	36.3	12.5
Iron	7439-89-6	mg/kg	24400	22100	14900	24600	23700	14500
Lead	7439-92-1	mg/kg	519	255	245	21.7	16.1	11.6
Magnesium	7439-95-4	mg/kg	4560	2450	2260	6770	5600	1460
Manganese	7439-96-5	mg/kg	280	137	172	223	208	315
Mercury	7439-97-6	mg/kg	0.5	1.01	0.89	0.07	0.14	0.06
Nickel	7440-02-0	mg/kg	21.5	12.9	10.4	16.7	14.2	6.69
Potassium	7440-09-7	mg/kg	1400	1270	1130	3740	3080	324
Selenium	7782-49-2	mg/kg	0.72	0.8	0.63	< 0.25 U	< 0.25 U	0.57
Silver	7440-22-4	mg/kg	0.72	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	0.93
Sodium	7440-23-5	mg/kg	335	343	370	350	316	301
Strontium	7440-24-6	mg/kg	39	35	37	21.7	25	12.1
Thallium	7440-28-0	mg/kg	0.28	0.26	0.26	0.4	0.42	0.13
Titanium	7440-32-6	mg/kg	745 J	804 J	860 J	1900 J	2300 J	495 J
Vanadium	7440-62-2	mg/kg	48	34.9	24.4	49.8	42.4	17.3
Zinc	7440-66-6	mg/kg	309	611	674	61.1	49.9	42.9
Zirconium	7440-67-7	mg/kg	4.91	6.74	6.95	< 2.5 U	< 2.5 U	6.36

Chemical Name	CAS No	Site Name	100	100	100	100	100	100
		Location ID	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-002
		Sample Date	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996
		Depth Interval	0 - .5	2 - 3	2 - 3	6 - 7	6 - 7	1 - 2
		Sample ID	100TP-1ADUP(0-0.5)	100TP-1B(2-3)	100TP-1BDUP(2-3)	100TP-1C(6-7)	100TP-1CDUP(6-7)	100TP-2A(1-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
PCBs								
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg						
Aroclor 1232	11141-16-5	mg/kg						
Aroclor 1242	53469-21-9	mg/kg						
Aroclor 1248	12672-29-6	mg/kg						
Aroclor 1254	11097-69-1	mg/kg						
Aroclor 1260	11096-82-5	mg/kg						
Pesticides								
Mirex	2385-85-5	mg/kg						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						
Benzo(a)pyrene	50-32-8	mg/kg						
Benzo(b)fluoranthene	205-99-2	mg/kg						
Benzo(g,h,i)perylene	191-24-2	mg/kg						
Benzo(k)fluoranthene	207-08-9	mg/kg						

		Site Name	100	100	100	100	100	100
		Location ID	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-002
		Sample Date	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996
		Depth Interval	0 - .5	2 - 3	2 - 3	6 - 7	6 - 7	1 - 2
		Sample ID	100TP-1ADUP(0-0.5)	100TP-1B(2-3)	100TP-1BDUP(2-3)	100TP-1C(6-7)	100TP-1CDUP(6-7)	100TP-2A(1-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
SVOC (continued)								
Benzyl alcohol	100-51-6	mg/kg						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						
bis(2-Chloroethyl)ether	111-44-4	mg/kg						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						
Butylbenzyl phthalate	85-68-7	mg/kg						
Carbazole	86-74-8	mg/kg						
Chrysene	218-01-9	mg/kg						
Dibenz(a,h)anthracene	53-70-3	mg/kg						
Dibenzofuran	132-64-9	mg/kg						
Diethylphthalate	84-66-2	mg/kg						
Dimethylphthalate	131-11-3	mg/kg						
di-n-Butylphthalate	84-74-2	mg/kg						
di-n-Octylphthalate	117-84-0	mg/kg						
Diphenylamine	122-39-4	mg/kg						
Fluoranthene	206-44-0	mg/kg						
Fluorene	86-73-7	mg/kg						
Hexachlorobenzene	118-74-1	mg/kg						
Hexachlorobutadiene	87-68-3	mg/kg						
Hexachlorocyclopentadiene	77-47-4	mg/kg						
Hexachloroethane	67-72-1	mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						
Isophorone	78-59-1	mg/kg						
Naphthalene	91-20-3	mg/kg						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						
n-Nitrosodiphenylamine	86-30-6	mg/kg						
Pentachlorophenol	87-86-5	mg/kg						
Phenanthrene	85-01-8	mg/kg						
Phenol	108-95-2	mg/kg						
Pyrene	129-00-0	mg/kg						
TPH								
Diesel Fuel	68334-30-5	mg/kg						
Gasoline range organics	GRO	mg/kg						
TPH, aviation gas fraction	50815-00-4	mg/kg						
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Hexanone	591-78-6	mg/kg						

		Site Name	100	100	100	100	100	100
		Location ID	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-001	H-100-TP-002
		Sample Date	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996
		Depth Interval	0 - .5	2 - 3	2 - 3	6 - 7	6 - 7	1 - 2
		Sample ID	100TP-1ADUP(0-0.5)	100TP-1B(2-3)	100TP-1BDUP(2-3)	100TP-1C(6-7)	100TP-1CDUP(6-7)	100TP-2A(1-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
VOC (continued)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethanol	64-17-5	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Ethylene Oxide	75-21-8	mg/kg						
Isopropanol	67-63-0	mg/kg						
Methylene chloride	75-09-2	mg/kg						
Styrene	100-42-5	mg/kg						
tert-Butylalcohol	75-65-0	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl acetate	108-05-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Solids	%Solid	%						
Ammonia	7664-41-7	mg/kg						
Chloride	16887-00-6	mg/kg						
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg						
Phosphate	14265-44-2	mg/kg						
Sulfate	14808-79-8	mg/kg						
Sulfide	18496-25-8	mg/kg						

		Site Name	100	100	100	100	100
		Location ID	H-100-TP-002	H-100-TP-002	H-100-TP-002	H-100-TP-002	H-100-TP-002
		Sample Date	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996
		Depth Interval	1 - 2	3 - 4	3 - 4	5.5 - 6.5	5.5 - 6.5
		Sample ID	100TP-2ADUP(1-2)	100TP-2B(3-4)	100TP-2BDUP(3-4)	100TP-2C(5.5-6.5)	100TP-2CDUP(5.5-6.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					
1,3-Dinitrobenzene	99-65-0	mg/kg					
2,4,6-Trinitrotoluene	118-96-7	mg/kg					
HMX	2691-41-0	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrocellulose	9004-70-0	mg/kg					
Nitroglycerin	55-63-0	mg/kg					
Nitroguanidine	556-88-7	mg/kg					
PETN	78-11-5	mg/kg					
Picric Acid	88-89-1	mg/kg					
RDX	121-82-4	mg/kg					
Tetrazene	14097-21-3	mg/kg					
Tetryl	479-45-8	mg/kg					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg	9300	9530	7950	10800	11100
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	2.64	3.05	2.98	2.1	1.78
Barium	7440-39-3	mg/kg	39.3	198	234	54.7	42.2
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	460	4240	5430	310	323
Chromium	7440-47-3	mg/kg	9.45	8.21	7.09	18.2	23.8
Cobalt	7440-48-4	mg/kg	4.77	3.74	3.14	6.94	5.47
Copper	7440-50-8	mg/kg	13.1	7.64	6.08	24.3	35.7
Iron	7439-89-6	mg/kg	14500	11000	9780	25100	30300
Lead	7439-92-1	mg/kg	9.34	17.6	19.6	7.01	4.3
Magnesium	7439-95-4	mg/kg	1230	939	985	3250	2350
Manganese	7439-96-5	mg/kg	310	541	449	97.3	95.9
Mercury	7439-97-6	mg/kg	0.11	0.1	0.07	< 0.05 U	0.06
Nickel	7440-02-0	mg/kg	6.35	5.49	5.11	8.27	10.5
Potassium	7440-09-7	mg/kg	283	547	434	1830	1160
Selenium	7782-49-2	mg/kg	0.41	< 0.25 U	0.47	0.69	0.44
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	1.96
Sodium	7440-23-5	mg/kg	299	390	370	302	281
Strontium	7440-24-6	mg/kg	15.4	35	38	6.23	4.37
Thallium	7440-28-0	mg/kg	< 0.1 U	0.27	0.24	0.48	0.35
Titanium	7440-32-6	mg/kg	410 J	373 J	308 J	1180 J	697 J
Vanadium	7440-62-2	mg/kg	17.3	20.4	17.4	34	37.2
Zinc	7440-66-6	mg/kg	44.2	56.9	50.5	35.4	39.3
Zirconium	7440-67-7	mg/kg	4.22	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U

		Site Name	100	100	100	100	100
		Location ID	H-100-TP-002	H-100-TP-002	H-100-TP-002	H-100-TP-002	H-100-TP-002
		Sample Date	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996
		Depth Interval	1 - 2	3 - 4	3 - 4	5.5 - 6.5	5.5 - 6.5
		Sample ID	100TP-2ADUP(1-2)	100TP-2B(3-4)	100TP-2BDUP(3-4)	100TP-2C(5.5-6.5)	100TP-2CDUP(5.5-6.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
PCBs							
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Pesticides							
Mirex	2385-85-5	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitroaniline	88-74-4	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chloroaniline	106-47-8	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitroaniline	100-01-6	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg					
Acenaphthylene	208-96-8	mg/kg					
Aniline	62-53-3	mg/kg					
Anthracene	120-12-7	mg/kg					
Benz(a)anthracene	56-55-3	mg/kg					
Benzo(a)pyrene	50-32-8	mg/kg					
Benzo(b)fluoranthene	205-99-2	mg/kg					
Benzo(g,h,i)perylene	191-24-2	mg/kg					
Benzo(k)fluoranthene	207-08-9	mg/kg					

		Site Name	100	100	100	100	100
		Location ID	H-100-TP-002	H-100-TP-002	H-100-TP-002	H-100-TP-002	H-100-TP-002
		Sample Date	11/21/1996	11/21/1996	11/21/1996	11/21/1996	11/21/1996
		Depth Interval	1 - 2	3 - 4	3 - 4	5.5 - 6.5	5.5 - 6.5
		Sample ID	100TP-2ADUP(1-2)	100TP-2B(3-4)	100TP-2BDUP(3-4)	100TP-2C(5.5-6.5)	100TP-2CDUP(5.5-6.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
SVOC (continued)							
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Carbazole	86-74-8	mg/kg					
Chrysene	218-01-9	mg/kg					
Dibenz(a,h)anthracene	53-70-3	mg/kg					
Dibenzofuran	132-64-9	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Diphenylamine	122-39-4	mg/kg					
Fluoranthene	206-44-0	mg/kg					
Fluorene	86-73-7	mg/kg					
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg					
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg					
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg					
TPH							
Diesel Fuel	68334-30-5	mg/kg					
Gasoline range organics	GRO	mg/kg					
TPH, aviation gas fraction	50815-00-4	mg/kg					
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					
2-Butanone	78-93-3	mg/kg					
2-Hexanone	591-78-6	mg/kg					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	100 / H-100-TP-002 / 11/21/1996 / 1 - 2 / 100TP-2ADUP(1-2) / SO / mg/kg	100 / H-100-TP-002 / 11/21/1996 / 3 - 4 / 100TP-2B(3-4) / SO / mg/kg	100 / H-100-TP-002 / 11/21/1996 / 3 - 4 / 100TP-2BDUP(3-4) / SO / mg/kg	100 / H-100-TP-002 / 11/21/1996 / 5.5 - 6.5 / 100TP-2C(5.5-6.5) / SO / mg/kg	100 / H-100-TP-002 / 11/21/1996 / 5.5 - 6.5 / 100TP-2CDUP(5.5-6.5) / SO / mg/kg
VOC (continued)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acetonitrile	75-05-8	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon disulfide	75-15-0	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
cis-1,3-Dichloropropene	10061-01-5	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dichlorodifluoromethane	75-71-8	mg/kg					
Ethanol	64-17-5	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Ethylene Oxide	75-21-8	mg/kg					
Isopropanol	67-63-0	mg/kg					
Methylene chloride	75-09-2	mg/kg					
Styrene	100-42-5	mg/kg					
tert-Butylalcohol	75-65-0	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
trans-1,3-Dichloropropene	10061-02-6	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl acetate	108-05-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%					
Ammonia	7664-41-7	mg/kg					
Chloride	16887-00-6	mg/kg					
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg					
Phosphate	14265-44-2	mg/kg					
Sulfate	14808-79-8	mg/kg					
Sulfide	18496-25-8	mg/kg					

		Site Name	102	102	102	102
		Location ID	I-102-HP-001	I-102-HP-002	I-102-HP-003	I-102-HP-005
		Sample Date	6/14/2001	6/26/2001	6/27/2001	6/14/2001
		Depth Interval	12 - 15	29 - 30	10 - 15	5 - 7
		Sample ID	102HP-1(20010614)	102HP-2(20010626)	102HP-3(20010627)	102HP-5(20010614)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L			< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L			< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L			< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L			< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L			< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L			< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L			< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L			< 0.96 U	
HMX	2691-41-0	ug/L			< 0.5 U	
Nitrobenzene	98-95-3	ug/L			< 0.44 U	
Perchlorate	14797-73-0	ug/L			< 5 U	
RDX	121-82-4	ug/L			< 0.5 U	
Tetryl	479-45-8	ug/L			< 0.2 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L			< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L			< 0.2 U	
Metals						
Aluminum	7429-90-5	ug/L			30700	
Antimony	7440-36-0	ug/L			< 10 U	
Arsenic	7440-38-2	ug/L			7.1	
Barium	7440-39-3	ug/L			290	
Beryllium	7440-41-7	ug/L			0.6 J	
Boron	7440-42-8	ug/L				
Cadmium	7440-43-9	ug/L			< 2 U	
Calcium	7440-70-2	ug/L			23600	
Chromium	7440-47-3	ug/L			35	
Cobalt	7440-48-4	ug/L			81	
Copper	7440-50-8	ug/L			67	
Iron	7439-89-6	ug/L			31000	
Lead	7439-92-1	ug/L	19	13	9.8	21
Magnesium	7439-95-4	ug/L			9400	
Manganese	7439-96-5	ug/L			2400	
Mercury	7439-97-6	ug/L			< 0.092 U	
Nickel	7440-02-0	ug/L			30 J	
Potassium	7440-09-7	ug/L			4800 J	
Selenium	7782-49-2	ug/L			< 5 U	
Silver	7440-22-4	ug/L			< 4 U	
Sodium	7440-23-5	ug/L			29500	
Strontium	7440-24-6	ug/L				
Thallium	7440-28-0	ug/L			1.7	
Titanium	7440-32-6	ug/L				
Vanadium	7440-62-2	ug/L			64	
Zinc	7440-66-6	ug/L			< 20 R	
Zirconium	7440-67-7	ug/L				
Pesticides						
4,4'-DDD	72-54-8	ug/L				
4,4'-DDE	72-55-9	ug/L				
4,4'-DDT	50-29-3	ug/L				
Aldrin	309-00-2	ug/L				
alpha-BHC	319-84-6	ug/L				
alpha-Chlordane	5103-71-9	ug/L				
beta-BHC	319-85-7	ug/L				
delta-BHC	319-86-8	ug/L				
Diazinon	333-41-5	ug/L				
Dieldrin	60-57-1	ug/L				
Endosulfan I	959-98-8	ug/L				
Endosulfan II	33213-65-9	ug/L				
Endosulfan sulfate	1031-07-8	ug/L				
Endrin	72-20-8	ug/L				
Endrin aldehyde	7421-93-4	ug/L				
Endrin ketone	53494-70-5	ug/L				
gamma-BHC (Lindane)	58-89-9	ug/L				
gamma-Chlordane	5103-74-2	ug/L				
Heptachlor	76-44-8	ug/L				
Heptachlor epoxide	1024-57-3	ug/L				

		Site Name	102	102	102	102
		Location ID	I-102-HP-001	I-102-HP-002	I-102-HP-003	I-102-HP-005
		Sample Date	6/14/2001	6/26/2001	6/27/2001	6/14/2001
		Depth Interval	12 - 15	29 - 30	10 - 15	5 - 7
		Sample ID	102HP-1(20010614)	102HP-2(20010626)	102HP-3(20010627)	102HP-5(20010614)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Isodrin	465-73-6	ug/L				
Malathion	121-75-5	ug/L				
Methoxychlor	72-43-5	ug/L				
Mirex	2385-85-5	ug/L				
Toxaphene	8001-35-2	ug/L				
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L				
1,2,4-Trichlorobenzene	120-82-1	ug/L				
1,2-Dichlorobenzene	95-50-1	ug/L				
1,3-Dichlorobenzene	541-73-1	ug/L				
1,4-Dichlorobenzene	106-46-7	ug/L				
2,4,5-Trichlorophenol	95-95-4	ug/L				
2,4,6-Trichlorophenol	88-06-2	ug/L				
2,4-Dichlorophenol	120-83-2	ug/L				
2,4-Dimethylphenol	105-67-9	ug/L				
2,4-Dinitrophenol	51-28-5	ug/L				
2-Chloronaphthalene	91-58-7	ug/L				
2-Chlorophenol	95-57-8	ug/L				
2-Methylnaphthalene	91-57-6	ug/L				
2-Methylphenol	95-48-7	ug/L				
2-Nitroaniline	88-74-4	ug/L				
2-Nitrophenol	88-75-5	ug/L				
3,3'-Dichlorobenzidine	91-94-1	ug/L				
3-Nitroaniline	99-09-2	ug/L				
4,6-dinitro-2-Methylphenol	534-52-1	ug/L				
4-Bromophenyl phenyl ether	101-55-3	ug/L				
4-Chloro-3-methylphenol	59-50-7	ug/L				
4-Chloroaniline	106-47-8	ug/L				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L				
4-Methylphenol	106-44-5	ug/L				
4-Nitroaniline	100-01-6	ug/L				
4-Nitrophenol	100-02-7	ug/L				
Acenaphthene	83-32-9	ug/L				
Acenaphthylene	208-96-8	ug/L				
Aniline	62-53-3	ug/L				
Anthracene	120-12-7	ug/L				
Benz(a)anthracene	56-55-3	ug/L				
Benzo(a)pyrene	50-32-8	ug/L				
Benzo(b)fluoranthene	205-99-2	ug/L				
Benzo(g,h,i)perylene	191-24-2	ug/L				
Benzo(k)fluoranthene	207-08-9	ug/L				
Benzoic Acid	65-85-0	ug/L				
Benzyl alcohol	100-51-6	ug/L				
bis(2-Chloroethoxy)methane	111-91-1	ug/L				
bis(2-Chloroethyl)ether	111-44-4	ug/L				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L				
Butylbenzyl phthalate	85-68-7	ug/L				
Carbazole	86-74-8	ug/L				
Chrysene	218-01-9	ug/L				
Dibenz(a,h)anthracene	53-70-3	ug/L				
Dibenzofuran	132-64-9	ug/L				
Diethylphthalate	84-66-2	ug/L				
Dimethylphthalate	131-11-3	ug/L				
di-n-Butylphthalate	84-74-2	ug/L				
di-n-Octylphthalate	117-84-0	ug/L				
Diphenylamine	122-39-4	ug/L				
Fluoranthene	206-44-0	ug/L				
Fluorene	86-73-7	ug/L				
Hexachlorobenzene	118-74-1	ug/L				
Hexachlorobutadiene	87-68-3	ug/L				
Hexachlorocyclopentadiene	77-47-4	ug/L				
Hexachloroethane	67-72-1	ug/L				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L				
Isophorone	78-59-1	ug/L				
Naphthalene	91-20-3	ug/L				

		Site Name	102	102	102	102
		Location ID	I-102-HP-001	I-102-HP-002	I-102-HP-003	I-102-HP-005
		Sample Date	6/14/2001	6/26/2001	6/27/2001	6/14/2001
		Depth Interval	12 - 15	29 - 30	10 - 15	5 - 7
		Sample ID	102HP-1(20010614)	102HP-2(20010626)	102HP-3(20010627)	102HP-5(20010614)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
n-Nitroso-di-n-propylamine	621-64-7	ug/L				
n-Nitrosodiphenylamine	86-30-6	ug/L				
Pentachlorophenol	87-86-5	ug/L				
Phenanthrene	85-01-8	ug/L				
Phenol	108-95-2	ug/L				
Pyrene	129-00-0	ug/L				
TPH						
Diesel Range Organics	DRO	ug/L				
Gasoline range organics	GRO	ug/L				
TPH, aviation gas fraction	50815-00-4	ug/L				
TRPH	TRPH	ug/L				
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L				
1,1,2-Trichloroethane	79-00-5	ug/L				
1,1-Dichloroethane	75-34-3	ug/L				
1,1-Dichloroethene	75-35-4	ug/L				
1,2-Dichloroethane	107-06-2	ug/L				
1,2-Dichloroethene (total)	540-59-0	ug/L				
1,2-Dichloropropane	78-87-5	ug/L				
2-Butanone	78-93-3	ug/L				
2-Hexanone	591-78-6	ug/L				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L				
Acetone	67-64-1	ug/L				
Acetonitrile	75-05-8	ug/L				
Benzene	71-43-2	ug/L				
Bromodichloromethane	75-27-4	ug/L				
Bromoform	75-25-2	ug/L				
Bromomethane	74-83-9	ug/L				
Carbon disulfide	75-15-0	ug/L				
Carbon tetrachloride	56-23-5	ug/L				
Chlorobenzene	108-90-7	ug/L				
Chloroethane	75-00-3	ug/L				
Chloroform	67-66-3	ug/L				
Chloromethane	74-87-3	ug/L				
cis-1,3-Dichloropropene	10061-01-5	ug/L				
Dibromochloromethane	124-48-1	ug/L				
Dichlorodifluoromethane	75-71-8	ug/L				
Ethanol	64-17-5	ug/L				
Ethyl benzene	100-41-4	ug/L				
Isopropanol	67-63-0	ug/L				
Methylene chloride	75-09-2	ug/L				
Styrene	100-42-5	ug/L				
tert-Butylalcohol	75-65-0	ug/L				
Tetrachloroethene	127-18-4	ug/L				
Toluene	108-88-3	ug/L				
trans-1,3-Dichloropropene	10061-02-6	ug/L				
Trichloroethene	79-01-6	ug/L				
Trichlorofluoromethane	75-69-4	ug/L				
Vinyl acetate	108-05-4	ug/L				
Vinyl chloride	75-01-4	ug/L				
Xylenes	1330-20-7	ug/L				
WetChem						
Ammonia	7664-41-7	ug/L				
Chloride	16887-00-6	ug/L				
Cyanide	57-12-5	ug/L				
Fluoride	16984-48-8	ug/L				
Nitrate/Nitrite	Nitrate/Nitrite	ug/L				
Phosphate	14265-44-2	ug/L				
Sulfate	14808-79-8	ug/L				
Sulfide	18496-25-8	ug/L				

		Site Name	102	102	102	102
		Location ID	I-102-HP-008	I-102-HP-009	I-102-HP-010A	I-102-MW-001
		Sample Date	6/12/2002	6/13/2002	6/12/2002	10/23/1996
		Depth Interval	14 - 16	15 - 17	16 - 18	26.09 - 36.09
		Sample ID	102HP-8(20020612)	102HP-9(20020613)	102HP-10(20020612)	102MW-1(19961023)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L				
1,3-Dinitrobenzene	99-65-0	ug/L				
2,4,6-Trinitrotoluene	118-96-7	ug/L				
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L				
2-Nitrotoluene	88-72-2	ug/L				
3-Nitrotoluene	99-08-1	ug/L				
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L				
4-Nitrotoluene	99-99-0	ug/L				
HMX	2691-41-0	ug/L				
Nitrobenzene	98-95-3	ug/L				
Perchlorate	14797-73-0	ug/L				
RDX	121-82-4	ug/L				
Tetryl	479-45-8	ug/L				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L				
2,6-Dinitrotoluene	606-20-2	ug/L				
Metals						
Aluminum	7429-90-5	ug/L				25500
Antimony	7440-36-0	ug/L				1.27
Arsenic	7440-38-2	ug/L				< 1 U
Barium	7440-39-3	ug/L				180
Beryllium	7440-41-7	ug/L				< 5 U
Boron	7440-42-8	ug/L				70.9
Cadmium	7440-43-9	ug/L				< 3.01 U
Calcium	7440-70-2	ug/L				52100
Chromium	7440-47-3	ug/L				47.9
Cobalt	7440-48-4	ug/L				< 50 U
Copper	7440-50-8	ug/L				85.8
Iron	7439-89-6	ug/L				46900
Lead	7439-92-1	ug/L	< 3 U	< 3 U	< 3 U	190
Magnesium	7439-95-4	ug/L				21000
Manganese	7439-96-5	ug/L				536
Mercury	7439-97-6	ug/L				< 0.243 U
Nickel	7440-02-0	ug/L				31.4
Potassium	7440-09-7	ug/L				7350
Selenium	7782-49-2	ug/L				3.31
Silver	7440-22-4	ug/L				< 4.42 U
Sodium	7440-23-5	ug/L				159000
Strontium	7440-24-6	ug/L				165
Thallium	7440-28-0	ug/L				< 1 U
Titanium	7440-32-6	ug/L				891
Vanadium	7440-62-2	ug/L				79
Zinc	7440-66-6	ug/L				192
Zirconium	7440-67-7	ug/L				2.43
Pesticides						
4,4'-DDD	72-54-8	ug/L				< 0.0233 U
4,4'-DDE	72-55-9	ug/L				< 0.027 U
4,4'-DDT	50-29-3	ug/L				< 0.034 U
Aldrin	309-00-2	ug/L				< 0.0918 U
alpha-BHC	319-84-6	ug/L				< 0.0385 U
alpha-Chlordane	5103-71-9	ug/L				< 0.075 UT
beta-BHC	319-85-7	ug/L				< 0.024 U
delta-BHC	319-86-8	ug/L				< 0.0293 U
Diazinon	333-41-5	ug/L				< 0.3 UT
Dieldrin	60-57-1	ug/L				< 0.024 U
Endosulfan I	959-98-8	ug/L				< 0.023 U
Endosulfan II	33213-65-9	ug/L				< 0.023 U
Endosulfan sulfate	1031-07-8	ug/L				< 0.0786 U
Endrin	72-20-8	ug/L				< 0.0238 U
Endrin aldehyde	7421-93-4	ug/L				< 0.0285 U
Endrin ketone	53494-70-5	ug/L				< 0.0285 UT
gamma-BHC (Lindane)	58-89-9	ug/L				< 0.0507 U
gamma-Chlordane	5103-74-2	ug/L				< 0.075 UT
Heptachlor	76-44-8	ug/L				< 0.0423 U
Heptachlor epoxide	1024-57-3	ug/L				< 0.0245 U

		Site Name	102	102	102	102
		Location ID	I-102-HP-008	I-102-HP-009	I-102-HP-010A	I-102-MW-001
		Sample Date	6/12/2002	6/13/2002	6/12/2002	10/23/1996
		Depth Interval	14 - 16	15 - 17	16 - 18	26.09 - 36.09
		Sample ID	102HP-8(20020612)	102HP-9(20020613)	102HP-10(20020612)	102MW-1(19961023)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Isodrin	465-73-6	ug/L				< 0.0562 U
Malathion	121-75-5	ug/L				< 0.3 UT
Methoxychlor	72-43-5	ug/L				< 0.057 U
Mirex	2385-85-5	ug/L				< 0.025 U
Toxaphene	8001-35-2	ug/L				< 1.35 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L				< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L				< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L				< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L				< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L				< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L				< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L				< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L				< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L				< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L				< 21 U
2-Chloronaphthalene	91-58-7	ug/L				< 0.5 U
2-Chlorophenol	95-57-8	ug/L				< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L				< 1.7 U
2-Methylphenol	95-48-7	ug/L				< 3.9 U
2-Nitroaniline	88-74-4	ug/L				< 4.3 U
2-Nitrophenol	88-75-5	ug/L				< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L				< 12 U
3-Nitroaniline	99-09-2	ug/L				< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L				< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L				< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L				< 4 U
4-Chloroaniline	106-47-8	ug/L				< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L				< 5.1 U
4-Methylphenol	106-44-5	ug/L				< 0.52 U#
4-Nitroaniline	100-01-6	ug/L				< 5.2 U
4-Nitrophenol	100-02-7	ug/L				< 12 U
Acenaphthene	83-32-9	ug/L				< 1.7 U
Acenaphthylene	208-96-8	ug/L				< 0.5 U
Aniline	62-53-3	ug/L				< 4.4 U
Anthracene	120-12-7	ug/L				< 0.5 U
Benz(a)anthracene	56-55-3	ug/L				< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L				< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L				< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L				< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L				< 0.87 U
Benzoic Acid	65-85-0	ug/L				< 13 U
Benzyl alcohol	100-51-6	ug/L				< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L				< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L				< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L				< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L				< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L				< 3.4 U
Carbazole	86-74-8	ug/L				< 2 U
Chrysene	218-01-9	ug/L				< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L				< 6.5 U
Dibenzofuran	132-64-9	ug/L				< 1.7 U
Diethylphthalate	84-66-2	ug/L				< 2 U
Dimethylphthalate	131-11-3	ug/L				< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L				< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L				< 15 U
Diphenylamine	122-39-4	ug/L				< 2.5 U
Fluoranthene	206-44-0	ug/L				< 3.3 U
Fluorene	86-73-7	ug/L				< 3.7 U
Hexachlorobenzene	118-74-1	ug/L				< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L				< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L				< 8.6 U
Hexachloroethane	67-72-1	ug/L				< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L				< 8.6 U
Isophorone	78-59-1	ug/L				< 4.8 U
Naphthalene	91-20-3	ug/L				< 0.5 U

		Site Name	102	102	102	102
		Location ID	I-102-HP-008	I-102-HP-009	I-102-HP-010A	I-102-MW-001
		Sample Date	6/12/2002	6/13/2002	6/12/2002	10/23/1996
		Depth Interval	14 - 16	15 - 17	16 - 18	26.09 - 36.09
		Sample ID	102HP-8(20020612)	102HP-9(20020613)	102HP-10(20020612)	102MW-1(19961023)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
n-Nitroso-di-n-propylamine	621-64-7	ug/L				< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L				< 3 U
Pentachlorophenol	87-86-5	ug/L				< 0.042 U
Phenanthrene	85-01-8	ug/L				< 0.5 U
Phenol	108-95-2	ug/L				< 9.2 U
Pyrene	129-00-0	ug/L				< 2.8 U
TPH						
Diesel Range Organics	DRO	ug/L				< 340 U
Gasoline range organics	GRO	ug/L				< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L				< 340 U
TRPH	TRPH	ug/L				219
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L				< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L				< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L				< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L				< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L				< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L				< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L				< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L				< 0.5 U
2-Butanone	78-93-3	ug/L				< 6.4 U
2-Hexanone	591-78-6	ug/L				< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L				< 3 U
Acetone	67-64-1	ug/L				< 13 U
Acetonitrile	75-05-8	ug/L				< 200 U
Benzene	71-43-2	ug/L				< 0.5 U
Bromodichloromethane	75-27-4	ug/L				< 0.59 U
Bromoform	75-25-2	ug/L				< 2.6 U
Bromomethane	74-83-9	ug/L				< 5.8 U
Carbon disulfide	75-15-0	ug/L				< 0.5 U
Carbon tetrachloride	56-23-5	ug/L				< 0.58 U
Chlorobenzene	108-90-7	ug/L				< 0.5 U
Chloroethane	75-00-3	ug/L				< 1.9 U
Chloroform	67-66-3	ug/L				< 0.5 U
Chloromethane	74-87-3	ug/L				< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L				< 0.58 U
Dibromochloromethane	124-48-1	ug/L				< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L				< 6.9 U
Ethanol	64-17-5	ug/L				< 2000 U
Ethyl benzene	100-41-4	ug/L				< 0.5 U
Isopropanol	67-63-0	ug/L				< 400 U
Methylene chloride	75-09-2	ug/L				5.3
Styrene	100-42-5	ug/L				< 0.5 U
tert-Butylalcohol	75-65-0	ug/L				< 500 U
Tetrachloroethene	127-18-4	ug/L				< 1.6 U
Toluene	108-88-3	ug/L				< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L				< 0.7 U
Trichloroethene	79-01-6	ug/L				< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L				< 1.4 U
Vinyl acetate	108-05-4	ug/L				< 8.3 U
Vinyl chloride	75-01-4	ug/L				< 2.6 U
Xylenes	1330-20-7	ug/L				< 0.84 U
WetChem						
Ammonia	7664-41-7	ug/L				283
Chloride	16887-00-6	ug/L				310000
Cyanide	57-12-5	ug/L				< 2.5 U
Fluoride	16984-48-8	ug/L				< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L				1800
Phosphate	14265-44-2	ug/L				1200
Sulfate	14808-79-8	ug/L				35000
Sulfide	18496-25-8	ug/L				< 50 U

		Site Name	102	102	102
		Location ID	I-102-MW-001	I-102-MW-001	I-102-MW-001
		Sample Date	5/18/2001	6/12/2002	6/12/2002
		Depth Interval	26.09 - 36.09	26.09 - 36.09	26.09 - 36.09
		Sample ID	102MW-1(20010518)	102MW-1(20020612)	102MW-1DUP(20020612)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L			
1,3-Dinitrobenzene	99-65-0	ug/L			
2,4,6-Trinitrotoluene	118-96-7	ug/L			
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L			
2-Nitrotoluene	88-72-2	ug/L			
3-Nitrotoluene	99-08-1	ug/L			
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L			
4-Nitrotoluene	99-99-0	ug/L			
HMX	2691-41-0	ug/L			
Nitrobenzene	98-95-3	ug/L			
Perchlorate	14797-73-0	ug/L			
RDX	121-82-4	ug/L			
Tetryl	479-45-8	ug/L			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L			
Metals					
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L			
Boron	7440-42-8	ug/L			
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L	3.1 J	< 3 U	< 3 U
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L			
Strontium	7440-24-6	ug/L			
Thallium	7440-28-0	ug/L			
Titanium	7440-32-6	ug/L			
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L			
Zirconium	7440-67-7	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-Chlordane	5103-71-9	ug/L			
beta-BHC	319-85-7	ug/L			
delta-BHC	319-86-8	ug/L			
Diazinon	333-41-5	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-Chlordane	5103-74-2	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			

		Site Name	102	102	102
		Location ID	I-102-MW-001	I-102-MW-001	I-102-MW-001
		Sample Date	5/18/2001	6/12/2002	6/12/2002
		Depth Interval	26.09 - 36.09	26.09 - 36.09	26.09 - 36.09
		Sample ID	102MW-1(20010518)	102MW-1(20020612)	102MW-1DUP(20020612)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Toxaphene	8001-35-2	ug/L			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L			
1,2,4-Trichlorobenzene	120-82-1	ug/L			
1,2-Dichlorobenzene	95-50-1	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,4-Dichlorobenzene	106-46-7	ug/L			
2,4,5-Trichlorophenol	95-95-4	ug/L			
2,4,6-Trichlorophenol	88-06-2	ug/L			
2,4-Dichlorophenol	120-83-2	ug/L			
2,4-Dimethylphenol	105-67-9	ug/L			
2,4-Dinitrophenol	51-28-5	ug/L			
2-Chloronaphthalene	91-58-7	ug/L			
2-Chlorophenol	95-57-8	ug/L			
2-Methylnaphthalene	91-57-6	ug/L			
2-Methylphenol	95-48-7	ug/L			
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L			
3,3'-Dichlorobenzidine	91-94-1	ug/L			
3-Nitroaniline	99-09-2	ug/L			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L			
4-Chloro-3-methylphenol	59-50-7	ug/L			
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			
4-Methylphenol	106-44-5	ug/L			
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L			
Acenaphthene	83-32-9	ug/L			
Acenaphthylene	208-96-8	ug/L			
Aniline	62-53-3	ug/L			
Anthracene	120-12-7	ug/L			
Benz(a)anthracene	56-55-3	ug/L			
Benzo(a)pyrene	50-32-8	ug/L			
Benzo(b)fluoranthene	205-99-2	ug/L			
Benzo(g,h,i)perylene	191-24-2	ug/L			
Benzo(k)fluoranthene	207-08-9	ug/L			
Benzoic Acid	65-85-0	ug/L			
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L			
bis(2-Chloroethyl)ether	111-44-4	ug/L			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			
Butylbenzyl phthalate	85-68-7	ug/L			
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L			
Dibenz(a,h)anthracene	53-70-3	ug/L			
Dibenzofuran	132-64-9	ug/L			
Diethylphthalate	84-66-2	ug/L			
Dimethylphthalate	131-11-3	ug/L			
di-n-Butylphthalate	84-74-2	ug/L			
di-n-Octylphthalate	117-84-0	ug/L			
Diphenylamine	122-39-4	ug/L			
Fluoranthene	206-44-0	ug/L			
Fluorene	86-73-7	ug/L			
Hexachlorobenzene	118-74-1	ug/L			
Hexachlorobutadiene	87-68-3	ug/L			
Hexachlorocyclopentadiene	77-47-4	ug/L			
Hexachloroethane	67-72-1	ug/L			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			
Isophorone	78-59-1	ug/L			
Naphthalene	91-20-3	ug/L			

		Site Name	102	102	102
		Location ID	I-102-MW-001	I-102-MW-001	I-102-MW-001
		Sample Date	5/18/2001	6/12/2002	6/12/2002
		Depth Interval	26.09 - 36.09	26.09 - 36.09	26.09 - 36.09
		Sample ID	102MW-1(20010518)	102MW-1(20020612)	102MW-1DUP(20020612)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
n-Nitroso-di-n-propylamine	621-64-7	ug/L			
n-Nitrosodiphenylamine	86-30-6	ug/L			
Pentachlorophenol	87-86-5	ug/L			
Phenanthrene	85-01-8	ug/L			
Phenol	108-95-2	ug/L			
Pyrene	129-00-0	ug/L			
TPH					
Diesel Range Organics	DRO	ug/L			
Gasoline range organics	GRO	ug/L			
TPH, aviation gas fraction	50815-00-4	ug/L			
TRPH	TRPH	ug/L			
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L			
1,1,2-Trichloroethane	79-00-5	ug/L			
1,1-Dichloroethane	75-34-3	ug/L			
1,1-Dichloroethene	75-35-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L			
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L			
2-Butanone	78-93-3	ug/L			
2-Hexanone	591-78-6	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L			
Acetone	67-64-1	ug/L			
Acetonitrile	75-05-8	ug/L			
Benzene	71-43-2	ug/L			
Bromodichloromethane	75-27-4	ug/L			
Bromoform	75-25-2	ug/L			
Bromomethane	74-83-9	ug/L			
Carbon disulfide	75-15-0	ug/L			
Carbon tetrachloride	56-23-5	ug/L			
Chlorobenzene	108-90-7	ug/L			
Chloroethane	75-00-3	ug/L			
Chloroform	67-66-3	ug/L			
Chloromethane	74-87-3	ug/L			
cis-1,3-Dichloropropene	10061-01-5	ug/L			
Dibromochloromethane	124-48-1	ug/L			
Dichlorodifluoromethane	75-71-8	ug/L			
Ethanol	64-17-5	ug/L			
Ethyl benzene	100-41-4	ug/L			
Isopropanol	67-63-0	ug/L			
Methylene chloride	75-09-2	ug/L			
Styrene	100-42-5	ug/L			
tert-Butylalcohol	75-65-0	ug/L			
Tetrachloroethene	127-18-4	ug/L			
Toluene	108-88-3	ug/L			
trans-1,3-Dichloropropene	10061-02-6	ug/L			
Trichloroethene	79-01-6	ug/L			
Trichlorofluoromethane	75-69-4	ug/L			
Vinyl acetate	108-05-4	ug/L			
Vinyl chloride	75-01-4	ug/L			
Xylenes	1330-20-7	ug/L			
WetChem					
Ammonia	7664-41-7	ug/L			
Chloride	16887-00-6	ug/L			
Cyanide	57-12-5	ug/L			
Fluoride	16984-48-8	ug/L			
Nitrate/Nitrite	Nitrate/Nitrite	ug/L			
Phosphate	14265-44-2	ug/L			
Sulfate	14808-79-8	ug/L			
Sulfide	18496-25-8	ug/L			

		Site Name	102	102	102
		Location ID	I-102-MW-002	I-102-MW-003	I-102-MW-003
		Sample Date	5/18/2001	9/18/2001	6/12/2002
		Depth Interval	34.12 - 44.12	18 - 28	18 - 28
		Sample ID	102MW-2(20010518)	102MW-3(20010918)	102MW-3(20020612)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L			
1,3-Dinitrobenzene	99-65-0	ug/L			
2,4,6-Trinitrotoluene	118-96-7	ug/L			
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L			
2-Nitrotoluene	88-72-2	ug/L			
3-Nitrotoluene	99-08-1	ug/L			
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L			
4-Nitrotoluene	99-99-0	ug/L			
HMX	2691-41-0	ug/L			
Nitrobenzene	98-95-3	ug/L			
Perchlorate	14797-73-0	ug/L			
RDX	121-82-4	ug/L			
Tetryl	479-45-8	ug/L			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L			
Metals					
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L			
Boron	7440-42-8	ug/L			
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L	< 3 UJ	27	3.4 J
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L			
Strontium	7440-24-6	ug/L			
Thallium	7440-28-0	ug/L			
Titanium	7440-32-6	ug/L			
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L			
Zirconium	7440-67-7	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-Chlordane	5103-71-9	ug/L			
beta-BHC	319-85-7	ug/L			
delta-BHC	319-86-8	ug/L			
Diazinon	333-41-5	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-Chlordane	5103-74-2	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			

		Site Name	102	102	102
		Location ID	I-102-MW-002	I-102-MW-003	I-102-MW-003
		Sample Date	5/18/2001	9/18/2001	6/12/2002
		Depth Interval	34.12 - 44.12	18 - 28	18 - 28
		Sample ID	102MW-2(20010518)	102MW-3(20010918)	102MW-3(20020612)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Toxaphene	8001-35-2	ug/L			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L			
1,2,4-Trichlorobenzene	120-82-1	ug/L			
1,2-Dichlorobenzene	95-50-1	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,4-Dichlorobenzene	106-46-7	ug/L			
2,4,5-Trichlorophenol	95-95-4	ug/L			
2,4,6-Trichlorophenol	88-06-2	ug/L			
2,4-Dichlorophenol	120-83-2	ug/L			
2,4-Dimethylphenol	105-67-9	ug/L			
2,4-Dinitrophenol	51-28-5	ug/L			
2-Chloronaphthalene	91-58-7	ug/L			
2-Chlorophenol	95-57-8	ug/L			
2-Methylnaphthalene	91-57-6	ug/L			
2-Methylphenol	95-48-7	ug/L			
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L			
3,3'-Dichlorobenzidine	91-94-1	ug/L			
3-Nitroaniline	99-09-2	ug/L			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L			
4-Chloro-3-methylphenol	59-50-7	ug/L			
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			
4-Methylphenol	106-44-5	ug/L			
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L			
Acenaphthene	83-32-9	ug/L			
Acenaphthylene	208-96-8	ug/L			
Aniline	62-53-3	ug/L			
Anthracene	120-12-7	ug/L			
Benz(a)anthracene	56-55-3	ug/L			
Benzo(a)pyrene	50-32-8	ug/L			
Benzo(b)fluoranthene	205-99-2	ug/L			
Benzo(g,h,i)perylene	191-24-2	ug/L			
Benzo(k)fluoranthene	207-08-9	ug/L			
Benzoic Acid	65-85-0	ug/L			
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L			
bis(2-Chloroethyl)ether	111-44-4	ug/L			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			
Butylbenzyl phthalate	85-68-7	ug/L			
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L			
Dibenz(a,h)anthracene	53-70-3	ug/L			
Dibenzofuran	132-64-9	ug/L			
Diethylphthalate	84-66-2	ug/L			
Dimethylphthalate	131-11-3	ug/L			
di-n-Butylphthalate	84-74-2	ug/L			
di-n-Octylphthalate	117-84-0	ug/L			
Diphenylamine	122-39-4	ug/L			
Fluoranthene	206-44-0	ug/L			
Fluorene	86-73-7	ug/L			
Hexachlorobenzene	118-74-1	ug/L			
Hexachlorobutadiene	87-68-3	ug/L			
Hexachlorocyclopentadiene	77-47-4	ug/L			
Hexachloroethane	67-72-1	ug/L			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			
Isophorone	78-59-1	ug/L			
Naphthalene	91-20-3	ug/L			

		Site Name	102	102	102
		Location ID	I-102-MW-002	I-102-MW-003	I-102-MW-003
		Sample Date	5/18/2001	9/18/2001	6/12/2002
		Depth Interval	34.12 - 44.12	18 - 28	18 - 28
		Sample ID	102MW-2(20010518)	102MW-3(20010918)	102MW-3(20020612)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
n-Nitroso-di-n-propylamine	621-64-7	ug/L			
n-Nitrosodiphenylamine	86-30-6	ug/L			
Pentachlorophenol	87-86-5	ug/L			
Phenanthrene	85-01-8	ug/L			
Phenol	108-95-2	ug/L			
Pyrene	129-00-0	ug/L			
TPH					
Diesel Range Organics	DRO	ug/L			
Gasoline range organics	GRO	ug/L			
TPH, aviation gas fraction	50815-00-4	ug/L			
TRPH	TRPH	ug/L			
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L			
1,1,2-Trichloroethane	79-00-5	ug/L			
1,1-Dichloroethane	75-34-3	ug/L			
1,1-Dichloroethene	75-35-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L			
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L			
2-Butanone	78-93-3	ug/L			
2-Hexanone	591-78-6	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L			
Acetone	67-64-1	ug/L			
Acetonitrile	75-05-8	ug/L			
Benzene	71-43-2	ug/L			
Bromodichloromethane	75-27-4	ug/L			
Bromoform	75-25-2	ug/L			
Bromomethane	74-83-9	ug/L			
Carbon disulfide	75-15-0	ug/L			
Carbon tetrachloride	56-23-5	ug/L			
Chlorobenzene	108-90-7	ug/L			
Chloroethane	75-00-3	ug/L			
Chloroform	67-66-3	ug/L			
Chloromethane	74-87-3	ug/L			
cis-1,3-Dichloropropene	10061-01-5	ug/L			
Dibromochloromethane	124-48-1	ug/L			
Dichlorodifluoromethane	75-71-8	ug/L			
Ethanol	64-17-5	ug/L			
Ethyl benzene	100-41-4	ug/L			
Isopropanol	67-63-0	ug/L			
Methylene chloride	75-09-2	ug/L			
Styrene	100-42-5	ug/L			
tert-Butylalcohol	75-65-0	ug/L			
Tetrachloroethene	127-18-4	ug/L			
Toluene	108-88-3	ug/L			
trans-1,3-Dichloropropene	10061-02-6	ug/L			
Trichloroethene	79-01-6	ug/L			
Trichlorofluoromethane	75-69-4	ug/L			
Vinyl acetate	108-05-4	ug/L			
Vinyl chloride	75-01-4	ug/L			
Xylenes	1330-20-7	ug/L			
WetChem					
Ammonia	7664-41-7	ug/L			
Chloride	16887-00-6	ug/L			
Cyanide	57-12-5	ug/L			
Fluoride	16984-48-8	ug/L			
Nitrate/Nitrite	Nitrate/Nitrite	ug/L			
Phosphate	14265-44-2	ug/L			
Sulfate	14808-79-8	ug/L			
Sulfide	18496-25-8	ug/L			

Chemical Name	CAS No	Unit	Site Name: 102 Location ID: I-102-MW-001 Sample Date: 6/7/1996 Depth Interval: 0 - 2 Sample ID: 102MW-1A(0-2) Sample Matrix: SO	Site Name: 102 Location ID: I-102-MW-001 Sample Date: 6/7/1996 Depth Interval: 10 - 12 Sample ID: 102MW-1C(10-12) Sample Matrix: SO	Site Name: 102 Location ID: I-102-MW-002 Sample Date: 6/13/1996 Depth Interval: 0 - 2 Sample ID: 102MW-2A(0-2) Sample Matrix: SO	Site Name: 102 Location ID: I-102-MW-002 Sample Date: 6/13/1996 Depth Interval: 5 - 7 Sample ID: 102MW-2B(5-7) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SB-001 Sample Date: 6/12/2001 Depth Interval: 2 - 3 Sample ID: 102SB-1(2-3) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-001C Sample Date: 1/5/1996 Depth Interval: 0 - 1 Sample ID: 102SS-1C(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-002A Sample Date: 3/18/1996 Depth Interval: 0 - 1 Sample ID: 102SS-2A(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-003A Sample Date: 1/5/1996 Depth Interval: 0 - 1 Sample ID: 102SS-3A(0-1) Sample Matrix: SO
Metals										
Aluminum	7429-90-5	mg/kg	3830	14000	6400	8370		9640	12400	13200
Antimony	7440-36-0	mg/kg	1.2	< 0.1 U	0.39 J	0.35 J		11	0.69	0.31
Arsenic	7440-38-2	mg/kg	25.9	0.9	9.19	11.6		12.8	5.33	4.81
Barium	7440-39-3	mg/kg	88.8	63.2	308	246		76.7	118	195
Beryllium	7440-41-7	mg/kg	< 0.5 U	0.92	0.76	0.77		0.63	0.84	0.91
Boron	7440-42-8	mg/kg	17	< 5.91 U	14.3	12.8		< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U		1.41	1.37	3.35
Calcium	7440-70-2	mg/kg	7110	2400	9760	11400		3600	3830	5040
Chromium	7440-47-3	mg/kg	9.77	25	16.2	32.2		15.8	24.6	29.7
Cobalt	7440-48-4	mg/kg	4.33	10.9	5.81	7.27		7.68	7.56	7.69
Copper	7440-50-8	mg/kg	31	23.4	25.8	24.1		30.1	39.6	69.8
Iron	7439-89-6	mg/kg	14000	23600	12800	16200		15000	20400	22800
Lead	7439-92-1	mg/kg	309	2.02	69.4	47.4		279	1790	2800
Magnesium	7439-95-4	mg/kg	1400	4520	4510	4910		2470	3300	2380
Manganese	7439-96-5	mg/kg	91.2	299	6130	5130		303	283	342
Mercury	7439-97-6	mg/kg	0.09	< 0.05 U	< 0.05 U	< 0.05 U		0.05	< 0.05 U	0.23
Nickel	7440-02-0	mg/kg	11.5	15.6	11.8	16.8		11.8	16.6	13.7
Potassium	7440-09-7	mg/kg	545	2690	1730	1020		761	902	737
Selenium	7782-49-2	mg/kg	1.55	1.08	1.71	1.8		0.9	1.55	0.72
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U		< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	632	664	789	718		376	499	429
Strontium	7440-24-6	mg/kg	95	14.2	83	110		27 J	22.5	19.2 J
Thallium	7440-28-0	mg/kg	0.65	0.24	0.16	0.19		0.27	< 0.1 U	0.17
Titanium	7440-32-6	mg/kg	192	1300	258	736		674	617	609
Vanadium	7440-62-2	mg/kg	17.3	42	21.2	26.7		23.7	36.9	35.3
Zinc	7440-66-6	mg/kg	592	32.8	35	108		209	334	929
Zirconium	7440-67-7	mg/kg	4	3.6	4.19	8.31		3.65	3.94	< 2.5 U
PCBs										
Aroclor 1016	12674-11-2	mg/kg								
Aroclor 1221	11104-28-2	mg/kg								
Aroclor 1232	11141-16-5	mg/kg								
Aroclor 1242	53469-21-9	mg/kg								
Aroclor 1248	12672-29-6	mg/kg								
Aroclor 1254	11097-69-1	mg/kg								
Aroclor 1260	11096-82-5	mg/kg								
Pesticides										
4,4'-DDD	72-54-8	mg/kg						0.02		6.7
4,4'-DDE	72-55-9	mg/kg						0.05		3
4,4'-DDT	50-29-3	mg/kg						0.17		18
Aldrin	309-00-2	mg/kg						< 0.729 U		< 0.729 U
alpha-BHC	319-84-6	mg/kg						< 0.907 U		< 0.907 U
alpha-Chlordane	5103-71-9	mg/kg						< 0.5 UT		< 0.5 UT
beta-BHC	319-85-7	mg/kg						< 0.257 U		< 0.257 U
delta-BHC	319-86-8	mg/kg						< 0.555 U		< 0.555 U
Diazinon	333-41-5	mg/kg						< 0.0133 U		< 0.0133 U
Dieldrin	60-57-1	mg/kg						< 0.629 U		< 0.629 U
Endosulfan I	959-98-8	mg/kg						< 0.602 U		< 0.602 U
Endosulfan II	33213-65-9	mg/kg						< 0.663 U		< 0.663 U
Endosulfan sulfate	1031-07-8	mg/kg						< 0.763 U		< 0.763 U
Endrin	72-20-8	mg/kg						< 0.657 U		< 0.657 U
Endrin aldehyde	7421-93-4	mg/kg						< 0.024 U		< 0.024 U
Endrin ketone	53494-70-5	mg/kg						< 0.024 UT		< 0.024 UT
gamma-BHC (Lindane)	58-89-9	mg/kg						< 0.638 U		< 0.638 U

Chemical Name	CAS No	Site Name	102	102	102	102	102	102	102	102
		Location ID	I-102-MW-001	I-102-MW-001	I-102-MW-002	I-102-MW-002	I-102-SB-001	I-102-SS-001C	I-102-SS-002A	I-102-SS-003A
		Sample Date	6/7/1996	6/7/1996	6/13/1996	6/13/1996	6/12/2001	1/5/1996	3/18/1996	1/5/1996
		Depth Interval	0 - 2	10 - 12	0 - 2	5 - 7	2 - 3	0 - 1	0 - 1	0 - 1
		Sample ID	102MW-1A(0-2)	102MW-1C(10-12)	102MW-2A(0-2)	102MW-2B(5-7)	102SB-1(2-3)	102SS-1C(0-1)	102SS-2A(0-1)	102SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
Pesticides (continued)										
gamma-Chlordane	5103-74-2	mg/kg						< 0.5 UT		< 0.5 UT
Heptachlor	76-44-8	mg/kg						< 0.618 U		< 0.618 U
Heptachlor epoxide	1024-57-3	mg/kg						< 0.62 U		< 0.62 U
Isodrin	465-73-6	mg/kg						< 0.461 U		< 0.461 U
Malathion	121-75-5	mg/kg						< 0.0133 U		< 0.0133 U
Methoxychlor	72-43-5	mg/kg						< 0.0711 U		< 0.0711 U
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
Toxaphene	8001-35-2	mg/kg						< 0.444 U		< 0.444 U
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U		< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U		< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U		< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U		< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	1	1		2	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U		< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U		< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U		< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U		< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U		< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U		< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U		< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#		< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U		< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U		< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.36 U	10	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.36 U	< 0.033 U	< 0.033 U	1
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U		< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	2	< 0.033 U	< 0.033 U	< 0.033 U	< 0.36 U	20	< 0.033 U	4
Benz(a)anthracene	56-55-3	mg/kg	5	< 0.17 U	< 0.17 U	< 0.17 U	< 0.36 U	30	< 0.17 U	10
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.36 U	40	< 0.25 U	10
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.36 U	40	< 0.21 U	10
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.36 U	20	< 0.25 U	7
Benzo(k)fluoranthene	207-08-9	mg/kg	4	< 0.066 U	< 0.066 U	< 0.066 U	< 0.36 U	40	< 0.066 U	10
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U		< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U		10	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	7	< 0.12 U	< 0.12 U	< 0.12 U	< 0.36 U	50	< 0.12 U	20
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.36 U	5	< 0.21 U	< 0.21 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	Unit	102 I-102-MW-001 6/7/1996 0 - 2 102MW-1A(0-2) SO	102 I-102-MW-001 6/7/1996 10 - 12 102MW-1C(10-12) SO	102 I-102-MW-002 6/13/1996 0 - 2 102MW-2A(0-2) SO	102 I-102-MW-002 6/13/1996 5 - 7 102MW-2B(5-7) SO	102 I-102-SB-001 6/12/2001 2 - 3 102SB-1(2-3) SO	102 I-102-SS-001C 1/5/1996 0 - 1 102SS-1C(0-1) SO	102 I-102-SS-002A 3/18/1996 0 - 1 102SS-2A(0-1) SO	102 I-102-SS-003A 1/5/1996 0 - 1 102SS-3A(0-1) SO
SVOC (continued)											
Dibenzofuran	132-64-9		mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U		5	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2		mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3		mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2		mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U		< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0		mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4		mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0		mg/kg	10	< 0.068 U	< 0.068 U	2	< 0.36 U	100	2	30
Fluorene	86-73-7		mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.36 U	10	< 0.033 U	1
Hexachlorobenzene	118-74-1		mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3		mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4		mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U		< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1		mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5		mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.36 U	30	< 0.29 U	8
Isophorone	78-59-1		mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3		mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.36 U	5	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7		mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6		mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5		mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8		mg/kg	7	< 0.033 U	1	2	< 0.36 U	70	1	10
Phenol	108-95-2		mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0		mg/kg	10	< 0.033 U	< 0.033 U	2	< 0.36 U	90	5	30
TPH											
Diesel Fuel	68334-30-5		mg/kg	17.9	< 8.24 U	28.4	41.7		695	25.8	131
Gasoline range organics	GRO		mg/kg	< 8.3 U	< 8.3 U	18.8	27.5		< 8 U	< 8 U	< 8 U
TPH, aviation gas fraction	50815-00-4		mg/kg	< 8 U	< 8 U	< 8 U	< 8 U		< 8 U	< 8 U	< 8 U
TRPH	TRPH		mg/kg			3830	4960				
VOC											
1,1,1-Trichloroethane	71-55-6		mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U		< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5		mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U		< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3		mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4		mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U		< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2		mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0		mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U		< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5		mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3		mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U		< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6		mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1		mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U		< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1		mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U		< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8		mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2		mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4		mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2		mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9		mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0		mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5		mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7		mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U		< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3		mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3		mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U		< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3		mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U		< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1		mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8		mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U		< 0.014 U	< 0.014 U	< 0.014 U

Chemical Name	CAS No	Site Name	102	102	102	102	102	102	102	102
		Location ID	I-102-MW-001	I-102-MW-001	I-102-MW-002	I-102-MW-002	I-102-SB-001	I-102-SS-001C	I-102-SS-002A	I-102-SS-003A
		Sample Date	6/7/1996	6/7/1996	6/13/1996	6/13/1996	6/12/2001	1/5/1996	3/18/1996	1/5/1996
		Depth Interval	0 - 2	10 - 12	0 - 2	5 - 7	2 - 3	0 - 1	0 - 1	0 - 1
		Sample ID	102MW-1A(0-2)	102MW-1C(10-12)	102MW-2A(0-2)	102MW-2B(5-7)	102SB-1(2-3)	102SS-1C(0-1)	102SS-2A(0-1)	102SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
VOC (continued)										
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	0.3		< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U		< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U		< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	0.11	< 0.078 U	0.25	0.33		< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	0.01	< 0.28 U	0.88	< 0.28 U		< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.01	< 0.59 U	< 0.59 U	< 0.59 U		< 0.59 U	0.02	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	0.6	0.01		< 0.15 U	< 0.15 U	< 0.15 U
WetChem										
% Solids	%Solid	%					92.6			
Ammonia	7664-41-7	mg/kg	16.8	< 12.5 U	28	25.8		109	120	221
Chloride	16887-00-6	mg/kg	9.16	32.1	125	24.5		< 6.05 U	26.3	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U		< 0.92 U	< 0.92 U	1.41
Fluoride	16984-48-8	mg/kg	< 3.62 U	5.44	< 3.62 U	< 3.62 U		7.44	7.61	11.2
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	1.06	0.89		4.43	1.6	3.59
Phosphate	14265-44-2	mg/kg	310	1200	610	510		1100	760	1300
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	259	172		< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	30.5	340		< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	102 I-102-SS-004C 1/5/1996 0 - 1 102SS-4C(0-1) SO	102 I-102-SS-005A 3/18/1996 0 - 1 102SS-5A(0-1) SO	102 I-102-SS-005A 3/18/1996 0 - 1 102SS-5ADUP(0-1) SO	102 I-102-SS-006A 3/27/1996 0 - 1 102SS-6A(0-1) SO	102 I-102-SS-007 5/4/2001 0 - 1 102SS-7A(0-1) SO	102 I-102-SS-008 5/4/2001 0 - 1 102SS-8A(0-1) SO	102 I-102-SS-009 5/4/2001 0 - 1 102SS-9A(0-1) SO	102 I-102-SS-010A 5/4/2001 0 - 1 102SS-10A(0-1) SO
Metals										
Aluminum	7429-90-5	mg/kg	12400	15900	12500					
Antimony	7440-36-0	mg/kg	0.95	1.18	1.04					
Arsenic	7440-38-2	mg/kg	10.4	7.21	8.13					
Barium	7440-39-3	mg/kg	112	71.3	59.2					
Beryllium	7440-41-7	mg/kg	0.9	< 0.5 U	0.8					
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	< 5.91 U					
Cadmium	7440-43-9	mg/kg	1.16	< 0.7 U	< 0.7 U					
Calcium	7440-70-2	mg/kg	2300	2410	2000					
Chromium	7440-47-3	mg/kg	19.3	28.3	23.4					
Cobalt	7440-48-4	mg/kg	6.2	12.8	11.5					
Copper	7440-50-8	mg/kg	643	40.7	36.5					
Iron	7439-89-6	mg/kg	31400	26800	21000					
Lead	7439-92-1	mg/kg	875	333	272		2630 JD	237 J	597 J	98.7 J
Magnesium	7439-95-4	mg/kg	1350	4080	3350					
Manganese	7439-96-5	mg/kg	688	514	237					
Mercury	7439-97-6	mg/kg	0.99	0.07	0.11					
Nickel	7440-02-0	mg/kg	14	21.7	18.8					
Potassium	7440-09-7	mg/kg	405	1130	949					
Selenium	7782-49-2	mg/kg	1.4	1.54	1.46					
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U					
Sodium	7440-23-5	mg/kg	390	553	530					
Strontium	7440-24-6	mg/kg	25.1 J	16.8	14.9					
Thallium	7440-28-0	mg/kg	0.26	0.15	0.16					
Titanium	7440-32-6	mg/kg	675	1020	998					
Vanadium	7440-62-2	mg/kg	39.6	49.1	35.8					
Zinc	7440-66-6	mg/kg	311	225	239					
Zirconium	7440-67-7	mg/kg	< 2.5 U	5.55	4.61					
PCBs										
Aroclor 1016	12674-11-2	mg/kg				< 0.0666 U				
Aroclor 1221	11104-28-2	mg/kg				< 0.082 UT				
Aroclor 1232	11141-16-5	mg/kg				< 0.082 UT				
Aroclor 1242	53469-21-9	mg/kg				< 0.082 UT				
Aroclor 1248	12672-29-6	mg/kg				< 0.082 UT				
Aroclor 1254	11097-69-1	mg/kg				< 0.082 UT				
Aroclor 1260	11096-82-5	mg/kg				< 0.0804 U				
Pesticides										
4,4'-DDD	72-54-8	mg/kg	0.26					< 0.2 UD		
4,4'-DDE	72-55-9	mg/kg	0.43					0.35 D		
4,4'-DDT	50-29-3	mg/kg	0.96					2.6 D		
Aldrin	309-00-2	mg/kg	< 0.729 U					< 0.2 UD		
alpha-BHC	319-84-6	mg/kg	< 0.907 U					< 0.2 UD		
alpha-Chlordane	5103-71-9	mg/kg	< 0.5 UT					< 0.2 UD		
beta-BHC	319-85-7	mg/kg	< 0.257 U					< 0.2 UD		
delta-BHC	319-86-8	mg/kg	< 0.555 U					< 0.2 UD		
Diazinon	333-41-5	mg/kg	< 0.0133 U							
Dieldrin	60-57-1	mg/kg	< 0.629 U					< 0.2 UD		
Endosulfan I	959-98-8	mg/kg	< 0.602 U					< 0.2 UD		
Endosulfan II	33213-65-9	mg/kg	< 0.663 U					< 0.2 UD		
Endosulfan sulfate	1031-07-8	mg/kg	< 0.763 U					< 0.2 UD		
Endrin	72-20-8	mg/kg	< 0.657 U					< 0.2 UD		
Endrin aldehyde	7421-93-4	mg/kg	< 0.024 U					< 0.2 UD		
Endrin ketone	53494-70-5	mg/kg	< 0.024 UT					< 0.2 UD		
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.638 U					< 0.2 UD		

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	102 / I-102-SS-004C / 1/5/1996 / 0 - 1 / 102SS-4C(0-1) / SO	102 / I-102-SS-005A / 3/18/1996 / 0 - 1 / 102SS-5A(0-1) / SO	102 / I-102-SS-005A / 3/18/1996 / 0 - 1 / 102SS-5ADUP(0-1) / SO	102 / I-102-SS-006A / 3/27/1996 / 0 - 1 / 102SS-6A(0-1) / SO	102 / I-102-SS-007 / 5/4/2001 / 0 - 1 / 102SS-7A(0-1) / SO	102 / I-102-SS-008 / 5/4/2001 / 0 - 1 / 102SS-8A(0-1) / SO	102 / I-102-SS-009 / 5/4/2001 / 0 - 1 / 102SS-9A(0-1) / SO	102 / I-102-SS-010A / 5/4/2001 / 0 - 1 / 102SS-10A(0-1) / SO
Pesticides (continued)										
gamma-Chlordane	5103-74-2	mg/kg	< 0.5 UT					< 0.2 UD		
Heptachlor	76-44-8	mg/kg	< 0.618 U					< 0.2 UD		
Heptachlor epoxide	1024-57-3	mg/kg	< 0.62 U					< 0.2 UD		
Isodrin	465-73-6	mg/kg	< 0.461 U							
Malathion	121-75-5	mg/kg	< 0.0133 U							
Methoxychlor	72-43-5	mg/kg	< 0.0711 U					< 0.38 UD		
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U					
Toxaphene	8001-35-2	mg/kg	< 0.444 U					< 7.7 UD		
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U					
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U					
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U					
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U					
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U					
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U					
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U					
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U					
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U					
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U					
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U					
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U					
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U					
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U					
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U					
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U					
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U					
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U					
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#					
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U					
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U					
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U			< 0.38 U		
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U			< 0.38 U		
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U					
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U			< 0.38 U		
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U			0.21 J		
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U			0.17 J		
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U			0.22 J		
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U			< 0.38 U		
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	0.17	0.12			0.13 J		
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U					
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U					
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U					
Chrysene	218-01-9	mg/kg	< 0.12 U	0.24	0.24			0.19 J		
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U			< 0.38 U		

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	102 I-102-SS-004C 1/5/1996 0 - 1 102SS-4C(0-1) SO	102 I-102-SS-005A 3/18/1996 0 - 1 102SS-5A(0-1) SO	102 I-102-SS-005A 3/18/1996 0 - 1 102SS-5ADUP(0-1) SO	102 I-102-SS-006A 3/27/1996 0 - 1 102SS-6A(0-1) SO	102 I-102-SS-007 5/4/2001 0 - 1 102SS-7A(0-1) SO	102 I-102-SS-008 5/4/2001 0 - 1 102SS-8A(0-1) SO	102 I-102-SS-009 5/4/2001 0 - 1 102SS-9A(0-1) SO	102 I-102-SS-010A 5/4/2001 0 - 1 102SS-10A(0-1) SO
SVOC (continued)										
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U					
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U					
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U					
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U					
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U					
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U					
Fluoranthene	206-44-0	mg/kg	1	0.46	0.43			0.33 J		
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U			< 0.38 U		
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U					
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U					
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U					
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U			< 0.38 U		
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U					
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U			< 0.38 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U					
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U					
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U					
Phenanthrene	85-01-8	mg/kg	1	0.25	0.24			0.18 J		
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U					
Pyrene	129-00-0	mg/kg	1	0.36	0.33			0.41		
TPH										
Diesel Fuel	68334-30-5	mg/kg	13.7	< 8 U	< 8 U					
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U	< 8 U					
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U					
TRPH	TRPH	mg/kg								
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U					
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U					
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U					
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U					
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U					
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U					
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U					
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U					
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U					
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U					
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U					
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U					
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U					
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U					
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U					
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U					
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U					
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U					
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U					
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U					
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U					
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U					
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit								
		102 / I-102-SS-004C / 1/5/1996 / 0 - 1 / 102SS-4C(0-1) / SO	102 / I-102-SS-005A / 3/18/1996 / 0 - 1 / 102SS-5A(0-1) / SO	102 / I-102-SS-005A / 3/18/1996 / 0 - 1 / 102SS-5ADUP(0-1) / SO	102 / I-102-SS-006A / 3/27/1996 / 0 - 1 / 102SS-6A(0-1) / SO	102 / I-102-SS-007 / 5/4/2001 / 0 - 1 / 102SS-7A(0-1) / SO	102 / I-102-SS-008 / 5/4/2001 / 0 - 1 / 102SS-8A(0-1) / SO	102 / I-102-SS-009 / 5/4/2001 / 0 - 1 / 102SS-9A(0-1) / SO	102 / I-102-SS-010A / 5/4/2001 / 0 - 1 / 102SS-10A(0-1) / SO
VOC (continued)										
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U					
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U					
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U					
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U					
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U					
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U					
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U					
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U					
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U					
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.01	0.01					
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U					
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U					
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U					
WetChem										
% Solids	%Solid	%				78.6	86.9	51.1	86.8	
Ammonia	7664-41-7	mg/kg	232	54.1	70					
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U					
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U					
Fluoride	16984-48-8	mg/kg	6.54	7.06	7.29					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	2.22	0.86	0.82					
Phosphate	14265-44-2	mg/kg	780	700	560					
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U					
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	< 6 U					

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix						
			102	I-102-SS-011	5/4/2001	0 - 1	102SS-11A(0-1)	SO	102	I-102-SS-012	5/4/2001	0 - 1	102SS-12A(0-1)	SO
			102	I-102-SS-013	5/4/2001	0 - 1	102SS-13A(0-1)	SO	102	I-102-SS-014	2/14/2002	0 - 1	102SS-14(0-1)	SO
			102	I-102-SS-015	2/14/2002	0 - 1	102SS-15(0-1)	SO	102	I-102-SS-016	2/14/2002	0 - 1	102SS-16(0-1)	SO
			102	I-102-SS-017	2/14/2002	0 - 1	102SS-17(0-1)	SO	102	I-102-SS-018	2/14/2002	0 - 1	102SS-18(0-1)	SO
Metals														
Aluminum	7429-90-5	mg/kg												
Antimony	7440-36-0	mg/kg												
Arsenic	7440-38-2	mg/kg												
Barium	7440-39-3	mg/kg												
Beryllium	7440-41-7	mg/kg												
Boron	7440-42-8	mg/kg												
Cadmium	7440-43-9	mg/kg												
Calcium	7440-70-2	mg/kg												
Chromium	7440-47-3	mg/kg												
Cobalt	7440-48-4	mg/kg												
Copper	7440-50-8	mg/kg												
Iron	7439-89-6	mg/kg												
Lead	7439-92-1	mg/kg												
Magnesium	7439-95-4	mg/kg												
Manganese	7439-96-5	mg/kg												
Mercury	7439-97-6	mg/kg												
Nickel	7440-02-0	mg/kg												
Potassium	7440-09-7	mg/kg												
Selenium	7782-49-2	mg/kg												
Silver	7440-22-4	mg/kg												
Sodium	7440-23-5	mg/kg												
Strontium	7440-24-6	mg/kg												
Thallium	7440-28-0	mg/kg												
Titanium	7440-32-6	mg/kg												
Vanadium	7440-62-2	mg/kg												
Zinc	7440-66-6	mg/kg												
Zirconium	7440-67-7	mg/kg												
PCBs														
Aroclor 1016	12674-11-2	mg/kg												
Aroclor 1221	11104-28-2	mg/kg												
Aroclor 1232	11141-16-5	mg/kg												
Aroclor 1242	53469-21-9	mg/kg												
Aroclor 1248	12672-29-6	mg/kg												
Aroclor 1254	11097-69-1	mg/kg												
Aroclor 1260	11096-82-5	mg/kg												
Pesticides														
4,4'-DDD	72-54-8	mg/kg												
4,4'-DDE	72-55-9	mg/kg												
4,4'-DDT	50-29-3	mg/kg												
Aldrin	309-00-2	mg/kg												
alpha-BHC	319-84-6	mg/kg												
alpha-Chlordane	5103-71-9	mg/kg												
beta-BHC	319-85-7	mg/kg												
delta-BHC	319-86-8	mg/kg												
Diazinon	333-41-5	mg/kg												
Dieldrin	60-57-1	mg/kg												
Endosulfan I	959-98-8	mg/kg												
Endosulfan II	33213-65-9	mg/kg												
Endosulfan sulfate	1031-07-8	mg/kg												
Endrin	72-20-8	mg/kg												
Endrin aldehyde	7421-93-4	mg/kg												
Endrin ketone	53494-70-5	mg/kg												
gamma-BHC (Lindane)	58-89-9	mg/kg												
Lead	7439-92-1	mg/kg											598 J	1570 J

		Site Name	102	102	102	102	102	102	102	102
		Location ID	I-102-SS-011	I-102-SS-012	I-102-SS-013	I-102-SS-014	I-102-SS-015	I-102-SS-016	I-102-SS-017	I-102-SS-018
		Sample Date	5/4/2001	5/4/2001	5/4/2001	2/14/2002	2/14/2002	2/14/2002	2/14/2002	2/14/2002
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	102SS-11A(0-1)	102SS-12A(0-1)	102SS-13A(0-1)	102SS-14(0-1)	102SS-15(0-1)	102SS-16(0-1)	102SS-17(0-1)	102SS-18(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Pesticides (continued)										
gamma-Chlordane	5103-74-2	mg/kg								
Heptachlor	76-44-8	mg/kg								
Heptachlor epoxide	1024-57-3	mg/kg								
Isodrin	465-73-6	mg/kg								
Malathion	121-75-5	mg/kg								
Methoxychlor	72-43-5	mg/kg								
Mirex	2385-85-5	mg/kg								
Toxaphene	8001-35-2	mg/kg								
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg								
1,2,4-Trichlorobenzene	120-82-1	mg/kg								
1,2-Dichlorobenzene	95-50-1	mg/kg								
1,3-Dichlorobenzene	541-73-1	mg/kg								
1,4-Dichlorobenzene	106-46-7	mg/kg								
2,4,5-Trichlorophenol	95-95-4	mg/kg								
2,4,6-Trichlorophenol	88-06-2	mg/kg								
2,4-Dichlorophenol	120-83-2	mg/kg								
2,4-Dimethylphenol	105-67-9	mg/kg								
2,4-Dinitrophenol	51-28-5	mg/kg								
2-Chloronaphthalene	91-58-7	mg/kg								
2-Chlorophenol	95-57-8	mg/kg								
2-Methylnaphthalene	91-57-6	mg/kg								
2-Methylphenol	95-48-7	mg/kg								
2-Nitroaniline	88-74-4	mg/kg								
2-Nitrophenol	88-75-5	mg/kg								
3,3'-Dichlorobenzidine	91-94-1	mg/kg								
3-Nitroaniline	99-09-2	mg/kg								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg								
4-Bromophenyl phenyl ether	101-55-3	mg/kg								
4-Chloro-3-methylphenol	59-50-7	mg/kg								
4-Chloroaniline	106-47-8	mg/kg								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg								
4-Methylphenol	106-44-5	mg/kg								
4-Nitroaniline	100-01-6	mg/kg								
4-Nitrophenol	100-02-7	mg/kg								
Acenaphthene	83-32-9	mg/kg	< 4.6 UD	< 4.4 UD	< 0.72 UD	0.16 J	< 0.42 U	0.11 J		
Acenaphthylene	208-96-8	mg/kg	< 4.6 UD	< 4.4 UD	< 0.72 UD	< 0.37 U	< 0.42 U	< 0.41 U		
Aniline	62-53-3	mg/kg								
Anthracene	120-12-7	mg/kg	4.3 JD	2.7 JD	0.34 JD	0.42	0.14 J	0.36 J		
Benz(a)anthracene	56-55-3	mg/kg	19 D	15 D	1.6 D	2.1	1.1	1.2		
Benzo(a)pyrene	50-32-8	mg/kg	20 D	15 D	1.7 D	2.3	1.3	1.3		
Benzo(b)fluoranthene	205-99-2	mg/kg	26 D	19 D	2.1 D	2.8	1.4	1.4		
Benzo(g,h,i)perylene	191-24-2	mg/kg	8 D	6.3 D	0.96 D	1.3	0.77	0.65		
Benzo(k)fluoranthene	207-08-9	mg/kg	13 D	11 D	1.1 D	1.7	0.67	0.82		
Benzyl alcohol	100-51-6	mg/kg								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg								
bis(2-Chloroethyl)ether	111-44-4	mg/kg								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg								
Butylbenzyl phthalate	85-68-7	mg/kg								
Carbazole	86-74-8	mg/kg								
Chrysene	218-01-9	mg/kg	23 D	17 D	2 D	2.9	1.7	1.6		
Dibenz(a,h)anthracene	53-70-3	mg/kg	3 JD	2.2 JD	< 0.72 UD	0.39	0.17 J	0.24 J		

Chemical Name	CAS No	Site Name	102	102	102	102	102	102	102	102
		Location ID	I-102-SS-011	I-102-SS-012	I-102-SS-013	I-102-SS-014	I-102-SS-015	I-102-SS-016	I-102-SS-017	I-102-SS-018
		Sample Date	5/4/2001	5/4/2001	5/4/2001	2/14/2002	2/14/2002	2/14/2002	2/14/2002	2/14/2002
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	102SS-11A(0-1)	102SS-12A(0-1)	102SS-13A(0-1)	102SS-14(0-1)	102SS-15(0-1)	102SS-16(0-1)	102SS-17(0-1)	102SS-18(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
SVOC (continued)										
Dibenzofuran	132-64-9	mg/kg								
Diethylphthalate	84-66-2	mg/kg								
Dimethylphthalate	131-11-3	mg/kg								
di-n-Butylphthalate	84-74-2	mg/kg								
di-n-Octylphthalate	117-84-0	mg/kg								
Diphenylamine	122-39-4	mg/kg								
Fluoranthene	206-44-0	mg/kg	36 D	26 D	3.9 D	5	1.8	2.4		
Fluorene	86-73-7	mg/kg	1.9 JD	< 4.4 UD	< 0.72 UD	0.26 J	0.16 J	0.24 J		
Hexachlorobenzene	118-74-1	mg/kg								
Hexachlorobutadiene	87-68-3	mg/kg								
Hexachlorocyclopentadiene	77-47-4	mg/kg								
Hexachloroethane	67-72-1	mg/kg								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	7.7 D	6.1 D	0.76 D	1.1	0.65	0.63		
Isophorone	78-59-1	mg/kg								
Naphthalene	91-20-3	mg/kg	< 4.6 UD	< 4.4 UD	< 0.72 UD	< 0.37 U	< 0.42 U	< 0.41 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg								
n-Nitrosodiphenylamine	86-30-6	mg/kg								
Pentachlorophenol	87-86-5	mg/kg								
Phenanthrene	85-01-8	mg/kg	12 D	8.5 D	1.8 D	3.1	1.1	1.6		
Phenol	108-95-2	mg/kg								
Pyrene	129-00-0	mg/kg	46 D	33 D	4.4 D	5 D	3.2	3.1		
TPH										
Diesel Fuel	68334-30-5	mg/kg								
Gasoline range organics	GRO	mg/kg								
TPH, aviation gas fraction	50815-00-4	mg/kg								
TRPH	TRPH	mg/kg								
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg								
1,1,2-Trichloroethane	79-00-5	mg/kg								
1,1-Dichloroethane	75-34-3	mg/kg								
1,1-Dichloroethene	75-35-4	mg/kg								
1,2-Dichloroethane	107-06-2	mg/kg								
1,2-Dichloroethene (total)	540-59-0	mg/kg								
1,2-Dichloropropane	78-87-5	mg/kg								
2-Butanone	78-93-3	mg/kg								
2-Hexanone	591-78-6	mg/kg								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg								
Acetone	67-64-1	mg/kg								
Acetonitrile	75-05-8	mg/kg								
Benzene	71-43-2	mg/kg								
Bromodichloromethane	75-27-4	mg/kg								
Bromoform	75-25-2	mg/kg								
Bromomethane	74-83-9	mg/kg								
Carbon disulfide	75-15-0	mg/kg								
Carbon tetrachloride	56-23-5	mg/kg								
Chlorobenzene	108-90-7	mg/kg								
Chloroethane	75-00-3	mg/kg								
Chloroform	67-66-3	mg/kg								
Chloromethane	74-87-3	mg/kg								
cis-1,3-Dichloropropene	10061-01-5	mg/kg								
Dibromochloromethane	124-48-1	mg/kg								
Dichlorodifluoromethane	75-71-8	mg/kg								

Chemical Name	CAS No	Unit	Site Name: 102 Location ID: I-102-SS-011 Sample Date: 5/4/2001 Depth Interval: 0 - 1 Sample ID: 102SS-11A(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-012 Sample Date: 5/4/2001 Depth Interval: 0 - 1 Sample ID: 102SS-12A(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-013 Sample Date: 5/4/2001 Depth Interval: 0 - 1 Sample ID: 102SS-13A(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-014 Sample Date: 2/14/2002 Depth Interval: 0 - 1 Sample ID: 102SS-14(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-015 Sample Date: 2/14/2002 Depth Interval: 0 - 1 Sample ID: 102SS-15(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-016 Sample Date: 2/14/2002 Depth Interval: 0 - 1 Sample ID: 102SS-16(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-017 Sample Date: 2/14/2002 Depth Interval: 0 - 1 Sample ID: 102SS-17(0-1) Sample Matrix: SO	Site Name: 102 Location ID: I-102-SS-018 Sample Date: 2/14/2002 Depth Interval: 0 - 1 Sample ID: 102SS-18(0-1) Sample Matrix: SO
VOC (continued)										
Ethanol	64-17-5	mg/kg								
Ethyl benzene	100-41-4	mg/kg								
Isopropanol	67-63-0	mg/kg								
Methylene chloride	75-09-2	mg/kg								
Styrene	100-42-5	mg/kg								
tert-Butylalcohol	75-65-0	mg/kg								
Tetrachloroethene	127-18-4	mg/kg								
Toluene	108-88-3	mg/kg								
trans-1,3-Dichloropropene	10061-02-6	mg/kg								
Trichloroethene	79-01-6	mg/kg								
Trichlorofluoromethane	75-69-4	mg/kg								
Vinyl acetate	108-05-4	mg/kg								
Vinyl chloride	75-01-4	mg/kg								
Xylenes	1330-20-7	mg/kg								
WetChem										
% Solids	%Solid	%	90.5	93.3	91.1	90	78.7	79.9	79.5	85.5
Ammonia	7664-41-7	mg/kg								
Chloride	16887-00-6	mg/kg								
Cyanide	57-12-5	mg/kg								
Fluoride	16984-48-8	mg/kg								
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg								
Phosphate	14265-44-2	mg/kg								
Sulfate	14808-79-8	mg/kg								
Sulfide	18496-25-8	mg/kg								

		Site Name	102	102	102	102	102
		Location ID	I-102-SS-019	I-102-SS-020	I-102-TP-001	I-102-TP-001	I-102-TP-001
		Sample Date	5/22/2002	5/22/2002	11/20/1996	11/20/1996	11/20/1996
		Depth Interval	3 - 4	3 - 4	0 - 1	0 - 1	0 - 1
		Sample ID	102SS-19D(3-4)	102SS-20D(3-4)	102TP-1A(0-1)	102TP-1ADUP(0-1)	102TP-1B(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Metals							
Aluminum	7429-90-5	mg/kg			8650	8530	11500
Antimony	7440-36-0	mg/kg			0.79	0.63	0.62
Arsenic	7440-38-2	mg/kg			23	24.1	8.39
Barium	7440-39-3	mg/kg			154	133	133
Beryllium	7440-41-7	mg/kg			1.06	0.92	0.9
Boron	7440-42-8	mg/kg			< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg			< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg			2750	2180	2430
Chromium	7440-47-3	mg/kg			10.9	11.5	15.6
Cobalt	7440-48-4	mg/kg			7.06	6.69	9.07
Copper	7440-50-8	mg/kg			30.6	30.2	32.8
Iron	7439-89-6	mg/kg			12300	12600	15900
Lead	7439-92-1	mg/kg	53.6 J	32.7 J	220	205	261
Magnesium	7439-95-4	mg/kg			1130	1300	2330
Manganese	7439-96-5	mg/kg			398	350	836
Mercury	7439-97-6	mg/kg			0.12	0.1	0.13
Nickel	7440-02-0	mg/kg			14.5	13	14.9
Potassium	7440-09-7	mg/kg			507	622	901
Selenium	7782-49-2	mg/kg			1.39	1.62	0.64
Silver	7440-22-4	mg/kg			< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg			602	600	496
Strontium	7440-24-6	mg/kg			110	53	36
Thallium	7440-28-0	mg/kg			0.48	0.43	0.33
Titanium	7440-32-6	mg/kg			445	367	840
Vanadium	7440-62-2	mg/kg			25.2	25.7	29.9
Zinc	7440-66-6	mg/kg			289	282	211
Zirconium	7440-67-7	mg/kg			7.42	< 2.5 U	5.57
PCBs							
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Pesticides							
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
beta-BHC	319-85-7	mg/kg					
delta-BHC	319-86-8	mg/kg					
Diazinon	333-41-5	mg/kg					
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg					
Endrin aldehyde	7421-93-4	mg/kg					
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					

		Site Name	102	102	102	102	102
		Location ID	I-102-SS-019	I-102-SS-020	I-102-TP-001	I-102-TP-001	I-102-TP-001
		Sample Date	5/22/2002	5/22/2002	11/20/1996	11/20/1996	11/20/1996
		Depth Interval	3 - 4	3 - 4	0 - 1	0 - 1	0 - 1
		Sample ID	102SS-19D(3-4)	102SS-20D(3-4)	102TP-1A(0-1)	102TP-1ADUP(0-1)	102TP-1B(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pesticides (continued)							
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg					
Toxaphene	8001-35-2	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitroaniline	88-74-4	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chloroaniline	106-47-8	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitroaniline	100-01-6	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg					
Acenaphthylene	208-96-8	mg/kg					
Aniline	62-53-3	mg/kg					
Anthracene	120-12-7	mg/kg					
Benz(a)anthracene	56-55-3	mg/kg					
Benzo(a)pyrene	50-32-8	mg/kg					
Benzo(b)fluoranthene	205-99-2	mg/kg					
Benzo(g,h,i)perylene	191-24-2	mg/kg					
Benzo(k)fluoranthene	207-08-9	mg/kg					
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Carbazole	86-74-8	mg/kg					
Chrysene	218-01-9	mg/kg					
Dibenz(a,h)anthracene	53-70-3	mg/kg					

		Site Name	102	102	102	102	102
		Location ID	I-102-SS-019	I-102-SS-020	I-102-TP-001	I-102-TP-001	I-102-TP-001
		Sample Date	5/22/2002	5/22/2002	11/20/1996	11/20/1996	11/20/1996
		Depth Interval	3 - 4	3 - 4	0 - 1	0 - 1	0 - 1
		Sample ID	102SS-19D(3-4)	102SS-20D(3-4)	102TP-1A(0-1)	102TP-1ADUP(0-1)	102TP-1B(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
SVOC (continued)							
Dibenzofuran	132-64-9	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Diphenylamine	122-39-4	mg/kg					
Fluoranthene	206-44-0	mg/kg					
Fluorene	86-73-7	mg/kg					
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg					
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg					
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg					
TPH							
Diesel Fuel	68334-30-5	mg/kg					
Gasoline range organics	GRO	mg/kg					
TPH, aviation gas fraction	50815-00-4	mg/kg					
TRPH	TRPH	mg/kg					
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					
2-Butanone	78-93-3	mg/kg					
2-Hexanone	591-78-6	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acetonitrile	75-05-8	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon disulfide	75-15-0	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
cis-1,3-Dichloropropene	10061-01-5	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dichlorodifluoromethane	75-71-8	mg/kg					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	102 / I-102-SS-019 / 5/22/2002 / 3 - 4 / 102SS-19D(3-4) / SO	102 / I-102-SS-020 / 5/22/2002 / 3 - 4 / 102SS-20D(3-4) / SO	102 / I-102-TP-001 / 11/20/1996 / 0 - 1 / 102TP-1A(0-1) / SO	102 / I-102-TP-001 / 11/20/1996 / 0 - 1 / 102TP-1ADUP(0-1) / SO	102 / I-102-TP-001 / 11/20/1996 / 0 - 1 / 102TP-1B(0-1) / SO
VOC (continued)							
Ethanol	64-17-5	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Isopropanol	67-63-0	mg/kg					
Methylene chloride	75-09-2	mg/kg					
Styrene	100-42-5	mg/kg					
tert-Butylalcohol	75-65-0	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
trans-1,3-Dichloropropene	10061-02-6	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl acetate	108-05-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%	85.2	87.7			
Ammonia	7664-41-7	mg/kg					
Chloride	16887-00-6	mg/kg					
Cyanide	57-12-5	mg/kg			< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg					
Phosphate	14265-44-2	mg/kg					
Sulfate	14808-79-8	mg/kg					
Sulfide	18496-25-8	mg/kg					

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	4/29/1994	5/11/1994	7/29/1994
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19940429)	MWF-2A(19940511)	MWF-2A(19940729)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.21 U		< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U		< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U		< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			
2-Nitrotoluene	88-72-2	ug/L	(1)			
3-Nitrotoluene	99-08-1	ug/L	(1)		< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			
4-Nitrotoluene	99-99-0	ug/L	(1)			
HMX	2691-41-0	ug/L	(1)	< 0.533 U		< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.682 U	< 3.7 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)			< 0.682 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 222 U		
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U		< 1.49 U
Nitroguanidine	556-88-7	ug/L	(1)			
PETN	78-11-5	ug/L	(1)	2.3 N		< 2 U
RDX	121-82-4	ug/L	(1)	0.69		0.5
Tetryl	479-45-8	ug/L	(1)	< 0.631 U		< 0.631 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.397 U	< 5.8 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.6 U	< 6.7 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			< 6.7 U
Metals						
Aluminum	7429-90-5	ug/L	(1)	953		1950
Aluminum	7429-90-5	ug/L	(2)	< 112 U		
Antimony	7440-36-0	ug/L	(1)	< 60 U		< 60 U
Antimony	7440-36-0	ug/L	(2)	< 60 U		
Arsenic	7440-38-2	ug/L	(1)	< 2.35 U		< 2.35 U
Arsenic	7440-38-2	ug/L	(2)	< 2.35 U		
Barium	7440-39-3	ug/L	(1)	28.9		37.7
Barium	7440-39-3	ug/L	(2)	24		
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U		< 1.12 U
Beryllium	7440-41-7	ug/L	(2)	< 1.12 U		
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U		< 6.78 U
Cadmium	7440-43-9	ug/L	(2)	< 6.78 U		
Calcium	7440-70-2	ug/L	(1)	21100		25900
Calcium	7440-70-2	ug/L	(2)	21800		
Chromium	7440-47-3	ug/L	(1)	< 16.8 U		< 16.8 U
Chromium	7440-47-3	ug/L	(2)	< 16.8 U		
Cobalt	7440-48-4	ug/L	(1)	< 25 U		< 25 U
Cobalt	7440-48-4	ug/L	(2)	< 25 U		
Copper	7440-50-8	ug/L	(1)	< 18.8 U		< 18.8 U
Copper	7440-50-8	ug/L	(2)	< 18.8 U		
Iron	7439-89-6	ug/L	(1)	93.8		3880
Iron	7439-89-6	ug/L	(2)	1920		
Lead	7439-92-1	ug/L	(1)	< 4.47 U		< 4.47 U
Lead	7439-92-1	ug/L	(2)	6.87		
Magnesium	7439-95-4	ug/L	(1)	6190		7920
Magnesium	7439-95-4	ug/L	(2)	6420		
Manganese	7439-96-5	ug/L	(1)	904		428
Manganese	7439-96-5	ug/L	(2)	889		
Mercury	7439-97-6	ug/L	(1)	< 0.1 U		< 0.1 U
Mercury	7439-97-6	ug/L	(2)	< 0.1 U		
Nickel	7440-02-0	ug/L	(1)	< 32.1 U		< 32.1 U
Nickel	7440-02-0	ug/L	(2)	< 32.1 U		
Potassium	7440-09-7	ug/L	(1)	2800		2170
Potassium	7440-09-7	ug/L	(2)	1570		
Selenium	7782-49-2	ug/L	(1)	< 2.53 U		< 2.53 U
Selenium	7782-49-2	ug/L	(2)	< 2.53 U		
Silver	7440-22-4	ug/L	(1)	< 0.333 U		< 0.333 U
Silver	7440-22-4	ug/L	(2)	< 0.333 U		
Sodium	7440-23-5	ug/L	(1)	38400		44500
Sodium	7440-23-5	ug/L	(2)	39500		
Thallium	7440-28-0	ug/L	(1)	< 125 U		< 125 U
Thallium	7440-28-0	ug/L	(2)	< 125 U		

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	4/29/1994	5/11/1994	7/29/1994
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19940429)	MWF-2A(19940511)	MWF-2A(19940729)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U		< 27.6 U
Vanadium	7440-62-2	ug/L	(2)	< 27.6 U		
Zinc	7440-66-6	ug/L	(1)	32.7		22
Zinc	7440-66-6	ug/L	(2)	30.4		
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)		< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)		< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)		< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	(1)		< 3.3 U	< 3.3 U
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.385 U		< 0.385 U
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.385 UT		< 0.385 UT
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.385 UT		< 0.385 UT
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.385 UT		< 0.385 UT
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.385 UT		< 0.385 UT
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.176 UT		< 0.176 UT
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.176 U		< 0.176 U
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 0.81 U	< 18 U	< 0.81 U
4,4'-DDD	72-54-8	ug/L	(2)			< 18 U
4,4'-DDE	72-55-9	ug/L	(1)	< 0.39 U	< 14 U	< 14 U
4,4'-DDE	72-55-9	ug/L	(2)			< 0.39 U
4,4'-DDT	50-29-3	ug/L	(1)	< 0.25 U	< 18 U	< 18 U
4,4'-DDT	50-29-3	ug/L	(2)			< 0.25 U
Aldrin	309-00-2	ug/L	(1)	< 0.74 U	< 13 U	< 13 U
Aldrin	309-00-2	ug/L	(2)			< 0.74 U
alpha-BHC	319-84-6	ug/L	(1)	< 0.25 U	< 5.3 U	< 5.3 U
alpha-BHC	319-84-6	ug/L	(2)			< 0.25 U
Atrazine	1912-24-9	ug/L	(1)		< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 0.99 U	< 17 U	< 17 U
beta-BHC	319-85-7	ug/L	(2)			< 0.99 U
Bromacil	314-40-9	ug/L	(1)		< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 0.0312 U	< 37 U	< 37 U
Chlordane	57-74-9	ug/L	(2)			< 0.0312 U
delta-BHC	319-86-8	ug/L	(1)	< 0.34 U		< 0.34 U
Dieldrin	60-57-1	ug/L	(1)	< 0.74 U	< 26 U	0.04 N
Dieldrin	60-57-1	ug/L	(2)			< 26 U
Endosulfan I	959-98-8	ug/L	(1)	< 0.25 U	< 23 U	< 23 U
Endosulfan I	959-98-8	ug/L	(2)			< 0.25 U
Endosulfan II	33213-65-9	ug/L	(1)	< 0.77 U	< 42 U	< 42 U
Endosulfan II	33213-65-9	ug/L	(2)			< 0.77 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 0.25 UT	< 50 U	0.11 N
Endosulfan sulfate	1031-07-8	ug/L	(2)			< 50 U
Endrin	72-20-8	ug/L	(1)	< 0.0176 U	< 18 U	< 18 U
Endrin	72-20-8	ug/L	(2)			< 0.0176 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 0.0504 U	< 5 U	< 5 U
Endrin aldehyde	7421-93-4	ug/L	(2)			< 0.0504 U
Endrin ketone	53494-70-5	ug/L	(1)	< 0.25 UT		< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 0.25 U	< 7.2 U	< 0.25 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)			< 7.2 U
Heptachlor	76-44-8	ug/L	(1)	< 0.25 U	< 38 U	< 38 U
Heptachlor	76-44-8	ug/L	(2)			< 0.25 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 0.63 U	< 28 U	< 0.63 U
Heptachlor epoxide	1024-57-3	ug/L	(2)			< 28 U
Isodrin	465-73-6	ug/L	(1)	< 0.25 U	< 7.8 U	< 0.25 U
Isodrin	465-73-6	ug/L	(2)			< 7.8 U
Malathion	121-75-5	ug/L	(1)		< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 0.075 U	< 11 U	< 0.075 U
Methoxychlor	72-43-5	ug/L	(2)			< 11 U
Mirex	2385-85-5	ug/L	(1)		< 24 U	< 24 U
Parathion	56-38-2	ug/L	(1)		< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)		< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)		< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)		< 15 U	< 15 U
Supona	470-90-6	ug/L	(1)		< 19 U	< 19 U
Toxaphene	8001-35-2	ug/L	(1)	< 1.64 U		< 1.64 U

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	4/29/1994	5/11/1994	7/29/1994
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19940429)	MWF-2A(19940511)	MWF-2A(19940729)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vapona	62-73-7	ug/L	(1)		< 8.5 U	< 8.5 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U		< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)		< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)		< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)		< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1 U	< 3.4 U	< 1 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			< 3.4 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)		< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)		< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)		< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)		< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)		< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)		< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)		< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)		< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)		< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)		< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)		< 3.6 U	< 3.6 U
2-Nitrophenol	88-75-5	ug/L	(1)		< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)		< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)		< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)		< 15 U	< 15 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)		< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)		< 8.5 U	< 8.5 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)		< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)		< 2.8 U#	< 2.8 U#
4-Nitrophenol	100-02-7	ug/L	(1)		< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)		< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)		< 5.1 U	< 5.1 U
Anthracene	120-12-7	ug/L	(1)		< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)		< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)		< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)		< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)		< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)		< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)		< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)		< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)		< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)		< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)		< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)		< 28 U	< 28 U
Chrysene	218-01-9	ug/L	(1)		< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)		< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)		< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U		< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)		< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)		< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)		< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)		< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)		< 1.5 U	< 1.5 U
Fluoranthene	206-44-0	ug/L	(1)		< 24 U	< 24 U
Fluorene	86-73-7	ug/L	(1)		< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)		< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)		< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)		< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)		< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)		< 21 U	< 21 U
Isophorone	78-59-1	ug/L	(1)		< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)		< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)		< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)		< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)		< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)		< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)		< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)		< 2.2 U	< 2.2 U

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	4/29/1994	5/11/1994	7/29/1994
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19940429)	MWF-2A(19940511)	MWF-2A(19940729)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Pyrene	129-00-0	ug/L	(1)		< 17 U	< 17 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U		< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U		< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U		< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U		< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)		< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U		< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U		< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U		< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U		< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)		< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U		< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U		< 3.5 U
2-Hexanone	591-78-6	ug/L	(1)			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U		< 1.4 U
Acetone	67-64-1	ug/L	(1)	< 8 U		< 8 U
Acetonitrile	75-05-8	ug/L	(1)			
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U		< 8.4 U
Benzene	71-43-2	ug/L	(1)	< 1 U		< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U		< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U		< 11 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U		< 14 U
Carbon disulfide	75-15-0	ug/L	(1)			
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U		< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U		< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U		< 8 U
Chloroform	67-66-3	ug/L	(1)	2		1.4
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U		< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U		< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)		< 12 U	< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)			
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U		< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U		< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U		< 1 U
Styrene	100-42-5	ug/L	(1)			
tert-Butylalcohol	75-65-0	ug/L	(1)			
Tetrachloroethene	127-18-4	ug/L	(1)	1.1		1.1
Toluene	108-88-3	ug/L	(1)	< 1 U		< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			
Trichloroethene	79-01-6	ug/L	(1)	6.7		5.5
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U		< 1 U
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U		< 12 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U		< 2 U
WetChem						
Cyanide	57-12-5	ug/L	(1)	< 5 U		< 5 U
Total organic carbon	TOC	ug/L	(1)			

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19990726)	MWF-2A(20020204)	MWF-2A(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	0.06 J	< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 U	< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U	< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 U	< 0.2 UJ	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 0.2 U	
HMX	2691-41-0	ug/L	(1)	0.35 J	0.44 J	
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 0.2 U	
Nitrobenzene	98-95-3	ug/L	(2)			
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U		
Nitroglycerin	55-63-0	ug/L	(1)	< 2.5 U		
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U		
PETN	78-11-5	ug/L	(1)	< 2.5 U		
RDX	121-82-4	ug/L	(1)	0.37 J	0.4 J	
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 0.2 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.2 U	< 0.2 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.2 U	< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			
Metals						
Aluminum	7429-90-5	ug/L	(1)	110 J		
Aluminum	7429-90-5	ug/L	(2)			
Antimony	7440-36-0	ug/L	(1)	< 60 U		
Antimony	7440-36-0	ug/L	(2)			
Arsenic	7440-38-2	ug/L	(1)	< 10 U		
Arsenic	7440-38-2	ug/L	(2)			
Barium	7440-39-3	ug/L	(1)	26 J		
Barium	7440-39-3	ug/L	(2)			
Beryllium	7440-41-7	ug/L	(1)	< 5 U		
Beryllium	7440-41-7	ug/L	(2)			
Cadmium	7440-43-9	ug/L	(1)	< 5 U		
Cadmium	7440-43-9	ug/L	(2)			
Calcium	7440-70-2	ug/L	(1)	17600		
Calcium	7440-70-2	ug/L	(2)			
Chromium	7440-47-3	ug/L	(1)	< 10 U		
Chromium	7440-47-3	ug/L	(2)			
Cobalt	7440-48-4	ug/L	(1)	< 50 U		
Cobalt	7440-48-4	ug/L	(2)			
Copper	7440-50-8	ug/L	(1)	< 25 U		
Copper	7440-50-8	ug/L	(2)			
Iron	7439-89-6	ug/L	(1)	2000		
Iron	7439-89-6	ug/L	(2)			
Lead	7439-92-1	ug/L	(1)	6		
Lead	7439-92-1	ug/L	(2)			
Magnesium	7439-95-4	ug/L	(1)	< 5000 U		
Magnesium	7439-95-4	ug/L	(2)			
Manganese	7439-96-5	ug/L	(1)	110		
Manganese	7439-96-5	ug/L	(2)			
Mercury	7439-97-6	ug/L	(1)	< 0.2 U		
Mercury	7439-97-6	ug/L	(2)			
Nickel	7440-02-0	ug/L	(1)	< 40 U		
Nickel	7440-02-0	ug/L	(2)			
Potassium	7440-09-7	ug/L	(1)	1400 J		
Potassium	7440-09-7	ug/L	(2)			
Selenium	7782-49-2	ug/L	(1)	< 5 U		
Selenium	7782-49-2	ug/L	(2)			
Silver	7440-22-4	ug/L	(1)	< 10 U		
Silver	7440-22-4	ug/L	(2)			
Sodium	7440-23-5	ug/L	(1)	46000		
Sodium	7440-23-5	ug/L	(2)			
Thallium	7440-28-0	ug/L	(1)	< 10 U		
Thallium	7440-28-0	ug/L	(2)			

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19990726)	MWF-2A(20020204)	MWF-2A(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vanadium	7440-62-2	ug/L	(1)	< 50 U		
Vanadium	7440-62-2	ug/L	(2)			
Zinc	7440-66-6	ug/L	(1)	< 20 U		
Zinc	7440-66-6	ug/L	(2)			
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)			
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)			
Dimethylmethylphosphonate	756-79-6	ug/L	(1)			
Dithiane	51330-42-8	ug/L	(1)			
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)			
Aroclor 1221	11104-28-2	ug/L	(1)			
Aroclor 1232	11141-16-5	ug/L	(1)			
Aroclor 1242	53469-21-9	ug/L	(1)			
Aroclor 1248	12672-29-6	ug/L	(1)			
Aroclor 1254	11097-69-1	ug/L	(1)			
Aroclor 1260	11096-82-5	ug/L	(1)			
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)			
4,4'-DDD	72-54-8	ug/L	(2)			
4,4'-DDE	72-55-9	ug/L	(1)			
4,4'-DDE	72-55-9	ug/L	(2)			
4,4'-DDT	50-29-3	ug/L	(1)			
4,4'-DDT	50-29-3	ug/L	(2)			
Aldrin	309-00-2	ug/L	(1)			
Aldrin	309-00-2	ug/L	(2)			
alpha-BHC	319-84-6	ug/L	(1)			
alpha-BHC	319-84-6	ug/L	(2)			
Atrazine	1912-24-9	ug/L	(1)			
beta-BHC	319-85-7	ug/L	(1)			
beta-BHC	319-85-7	ug/L	(2)			
Bromacil	314-40-9	ug/L	(1)			
Chlordane	57-74-9	ug/L	(1)			
Chlordane	57-74-9	ug/L	(2)			
delta-BHC	319-86-8	ug/L	(1)			
Dieldrin	60-57-1	ug/L	(1)			
Dieldrin	60-57-1	ug/L	(2)			
Endosulfan I	959-98-8	ug/L	(1)			
Endosulfan I	959-98-8	ug/L	(2)			
Endosulfan II	33213-65-9	ug/L	(1)			
Endosulfan II	33213-65-9	ug/L	(2)			
Endosulfan sulfate	1031-07-8	ug/L	(1)			
Endosulfan sulfate	1031-07-8	ug/L	(2)			
Endrin	72-20-8	ug/L	(1)			
Endrin	72-20-8	ug/L	(2)			
Endrin aldehyde	7421-93-4	ug/L	(1)			
Endrin aldehyde	7421-93-4	ug/L	(2)			
Endrin ketone	53494-70-5	ug/L	(1)			
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			
gamma-BHC (Lindane)	58-89-9	ug/L	(2)			
Heptachlor	76-44-8	ug/L	(1)			
Heptachlor	76-44-8	ug/L	(2)			
Heptachlor epoxide	1024-57-3	ug/L	(1)			
Heptachlor epoxide	1024-57-3	ug/L	(2)			
Isodrin	465-73-6	ug/L	(1)			
Isodrin	465-73-6	ug/L	(2)			
Malathion	121-75-5	ug/L	(1)			
Methoxychlor	72-43-5	ug/L	(1)			
Methoxychlor	72-43-5	ug/L	(2)			
Mirex	2385-85-5	ug/L	(1)			
Parathion	56-38-2	ug/L	(1)			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)			
Supona	470-90-6	ug/L	(1)			
Toxaphene	8001-35-2	ug/L	(1)			

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19990726)	MWF-2A(20020204)	MWF-2A(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vapona	62-73-7	ug/L	(1)			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)			
1,3-Dichlorobenzene	541-73-1	ug/L	(1)			
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			
2,4-Dichlorophenol	120-83-2	ug/L	(1)			
2,4-Dimethylphenol	105-67-9	ug/L	(1)			
2,4-Dinitrophenol	51-28-5	ug/L	(1)			
2,6-Dinitroaniline	606-22-4	ug/L	(1)			
2-Chloronaphthalene	91-58-7	ug/L	(1)			
2-Chlorophenol	95-57-8	ug/L	(1)			
2-Methylnaphthalene	91-57-6	ug/L	(1)			
2-Methylphenol	95-48-7	ug/L	(1)			
2-Nitrophenol	88-75-5	ug/L	(1)			
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			
3,5-Dinitroaniline	618-87-1	ug/L	(1)			
3-Nitroaniline	99-09-2	ug/L	(1)			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			
4-Methylphenol	106-44-5	ug/L	(1)			
4-Nitrophenol	100-02-7	ug/L	(1)			
Acenaphthene	83-32-9	ug/L	(1)			
Acenaphthylene	208-96-8	ug/L	(1)			
Anthracene	120-12-7	ug/L	(1)			
Benz(a)anthracene	56-55-3	ug/L	(1)			
Benzo(a)pyrene	50-32-8	ug/L	(1)			
Benzo(b)fluoranthene	205-99-2	ug/L	(1)			
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)			
Benzo(k)fluoranthene	207-08-9	ug/L	(1)			
Benzyl alcohol	100-51-6	ug/L	(1)			
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)			
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)			
Butylbenzyl phthalate	85-68-7	ug/L	(1)			
Chrysene	218-01-9	ug/L	(1)			
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)			
Dibenzofuran	132-64-9	ug/L	(1)			
Dichlorobenzenes	25321-22-6	ug/L	(1)			
Dicyclopentadiene	77-73-6	ug/L	(1)			
Diethylphthalate	84-66-2	ug/L	(1)			
Dimethylphthalate	131-11-3	ug/L	(1)			
di-n-Butylphthalate	84-74-2	ug/L	(1)			
di-n-Octylphthalate	117-84-0	ug/L	(1)			
Fluoranthene	206-44-0	ug/L	(1)			
Fluorene	86-73-7	ug/L	(1)			
Hexachlorobenzene	118-74-1	ug/L	(1)			
Hexachlorobutadiene	87-68-3	ug/L	(1)			
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)			
Hexachloroethane	67-72-1	ug/L	(1)			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)			
Isophorone	78-59-1	ug/L	(1)			
Naphthalene	91-20-3	ug/L	(1)			
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)			
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)			
Pentachlorophenol	87-86-5	ug/L	(1)			
Phenanthrene	85-01-8	ug/L	(1)			
Phenol	108-95-2	ug/L	(1)			

			Site Name	111	111	111
			Location ID	F-MWF-2A	F-MWF-2A	F-MWF-2A
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	10 - 20	10 - 20	10 - 20
			Sample ID	MWF-2A(19990726)	MWF-2A(20020204)	MWF-2A(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Pyrene	129-00-0	ug/L	(1)			
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)			
1,2-Dichloroethane	107-06-2	ug/L	(1)	0.36 J	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)			
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)			
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)			
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)			
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 10 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 U	< 10 UJ	< 10 U
Acetonitrile	75-05-8	ug/L	(1)	< 20 U	< 20 R	< 20 U
Acrylonitrile	107-13-1	ug/L	(1)			
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 UJ	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 UJ	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 (U)	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 UJ	< 2 U
Chloroform	67-66-3	ug/L	(1)	0.37 J	< 1 U	0.36 J
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 UJ	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)			
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)			
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R	
Tetrachloroethene	127-18-4	ug/L	(1)	0.16 J	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	0.17 J	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 UJ	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	3.7	4.4	5.2
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U
WetChem						
Cyanide	57-12-5	ug/L	(1)			
Total organic carbon	TOC	ug/L	(1)			

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	4/29/1994	4/29/1994	5/11/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19940429)	MWF-2BD(19940429)	MWF-2B(19940511)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.21 U	0.32 N	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U	< 0.458 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U	< 0.426 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			
2-Nitrotoluene	88-72-2	ug/L	(1)			
3-Nitrotoluene	99-08-1	ug/L	(1)			< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			
4-Nitrotoluene	99-99-0	ug/L	(1)			
HMX	2691-41-0	ug/L	(1)	< 0.533 U	< 0.533 U	
Nitrobenzene	98-95-3	ug/L	(1)	< 0.682 U	< 0.682 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)			
Nitrocellulose	9004-70-0	ug/L	(1)	< 222 U	< 222 U	
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U	< 1.49 U	
Nitroguanidine	556-88-7	ug/L	(1)			
PETN	78-11-5	ug/L	(1)	4.27 N	< 2 U	
RDX	121-82-4	ug/L	(1)	0.82	0.96	
Tetryl	479-45-8	ug/L	(1)	< 0.631 U	< 0.631 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.397 U	< 0.397 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.6 U	< 0.6 U	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			
Metals						
Aluminum	7429-90-5	ug/L	(1)	< 112 U	< 112 U	
Aluminum	7429-90-5	ug/L	(2)	< 112 U	< 112 U	
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U	
Antimony	7440-36-0	ug/L	(2)	< 60 U	< 60 U	
Arsenic	7440-38-2	ug/L	(1)	< 2.35 U	< 2.35 U	
Arsenic	7440-38-2	ug/L	(2)	< 2.35 U	< 2.35 U	
Barium	7440-39-3	ug/L	(1)	19.2	19.8	
Barium	7440-39-3	ug/L	(2)	20.1	19.2	
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U	< 1.12 U	
Beryllium	7440-41-7	ug/L	(2)	< 1.12 U	< 1.12 U	
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U	< 6.78 U	
Cadmium	7440-43-9	ug/L	(2)	< 6.78 U	< 6.78 U	
Calcium	7440-70-2	ug/L	(1)	15700	15700	
Calcium	7440-70-2	ug/L	(2)	16200	15800	
Chromium	7440-47-3	ug/L	(1)	< 16.8 U	< 16.8 U	
Chromium	7440-47-3	ug/L	(2)	< 16.8 U	< 16.8 U	
Cobalt	7440-48-4	ug/L	(1)	< 25 U	< 25 U	
Cobalt	7440-48-4	ug/L	(2)	< 25 U	< 25 U	
Copper	7440-50-8	ug/L	(1)	< 18.8 U	< 18.8 U	
Copper	7440-50-8	ug/L	(2)	< 18.8 U	< 18.8 U	
Iron	7439-89-6	ug/L	(1)	< 77.5 U	209	
Iron	7439-89-6	ug/L	(2)	247	< 77.5 U	
Lead	7439-92-1	ug/L	(1)	< 4.47 U	< 4.47 U	
Lead	7439-92-1	ug/L	(2)	< 4.47 U	< 4.47 U	
Magnesium	7439-95-4	ug/L	(1)	4830	4870	
Magnesium	7439-95-4	ug/L	(2)	5100	4940	
Manganese	7439-96-5	ug/L	(1)	107	107	
Manganese	7439-96-5	ug/L	(2)	112	108	
Mercury	7439-97-6	ug/L	(1)	< 0.1 U	< 0.1 U	
Mercury	7439-97-6	ug/L	(2)	< 0.1 U	< 0.1 U	
Nickel	7440-02-0	ug/L	(1)	< 32.1 U	< 32.1 U	
Nickel	7440-02-0	ug/L	(2)	< 32.1 U	< 32.1 U	
Potassium	7440-09-7	ug/L	(1)	2430	1940	
Potassium	7440-09-7	ug/L	(2)	2310	1810	
Selenium	7782-49-2	ug/L	(1)	< 2.53 U	< 2.53 U	
Selenium	7782-49-2	ug/L	(2)	< 2.53 U	< 2.53 U	
Silver	7440-22-4	ug/L	(1)	< 0.333 U	< 0.333 U	
Silver	7440-22-4	ug/L	(2)	< 0.333 U	< 0.333 U	
Sodium	7440-23-5	ug/L	(1)	41100	40100	
Sodium	7440-23-5	ug/L	(2)	38700	38700	
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U	
Thallium	7440-28-0	ug/L	(2)	< 125 U	< 125 U	

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	4/29/1994	4/29/1994	5/11/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19940429)	MWF-2BD(19940429)	MWF-2B(19940511)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U	< 27.6 U	
Vanadium	7440-62-2	ug/L	(2)	< 27.6 U	< 27.6 U	
Zinc	7440-66-6	ug/L	(1)	65.5	67.2	
Zinc	7440-66-6	ug/L	(2)	48.6	46.9	
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)			< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)			< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)			< 130 U
Dithiane	51330-42-8	ug/L	(1)			< 3.3 U
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.385 U	< 0.385 U	
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.385 UT	< 0.385 UT	
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.385 UT	< 0.385 UT	
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.385 UT	< 0.385 UT	
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.385 UT	< 0.385 UT	
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.176 UT	< 0.176 UT	
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.176 U	< 0.176 U	
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 0.81 U	< 0.81 U	< 18 U
4,4'-DDD	72-54-8	ug/L	(2)			
4,4'-DDE	72-55-9	ug/L	(1)	< 0.39 U	< 0.39 U	< 14 U
4,4'-DDE	72-55-9	ug/L	(2)			
4,4'-DDT	50-29-3	ug/L	(1)	< 0.25 U	< 0.25 U	< 18 U
4,4'-DDT	50-29-3	ug/L	(2)			
Aldrin	309-00-2	ug/L	(1)	< 0.74 U	< 0.74 U	< 13 U
Aldrin	309-00-2	ug/L	(2)			
alpha-BHC	319-84-6	ug/L	(1)	< 0.25 U	< 0.25 U	< 5.3 U
alpha-BHC	319-84-6	ug/L	(2)			
Atrazine	1912-24-9	ug/L	(1)			< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 0.99 U	< 0.99 U	< 17 U
beta-BHC	319-85-7	ug/L	(2)			
Bromacil	314-40-9	ug/L	(1)			< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 0.0312 U	< 0.0312 U	< 37 U
Chlordane	57-74-9	ug/L	(2)			
delta-BHC	319-86-8	ug/L	(1)	< 0.34 U	< 0.34 U	
Dieldrin	60-57-1	ug/L	(1)	< 0.74 U	< 0.74 U	< 26 U
Dieldrin	60-57-1	ug/L	(2)			
Endosulfan I	959-98-8	ug/L	(1)	< 0.25 U	< 0.25 U	< 23 U
Endosulfan I	959-98-8	ug/L	(2)			
Endosulfan II	33213-65-9	ug/L	(1)	< 0.77 U	< 0.77 U	< 42 U
Endosulfan II	33213-65-9	ug/L	(2)			
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 0.25 UT	< 0.25 UT	< 50 U
Endosulfan sulfate	1031-07-8	ug/L	(2)			
Endrin	72-20-8	ug/L	(1)	< 0.0176 U	< 0.0176 U	< 18 U
Endrin	72-20-8	ug/L	(2)			
Endrin aldehyde	7421-93-4	ug/L	(1)	< 0.0504 U	< 0.0504 U	< 5 U
Endrin aldehyde	7421-93-4	ug/L	(2)			
Endrin ketone	53494-70-5	ug/L	(1)	< 0.25 UT	< 0.25 UT	
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 0.25 U	< 0.25 U	< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)			
Heptachlor	76-44-8	ug/L	(1)	< 0.25 U	< 0.25 U	< 38 U
Heptachlor	76-44-8	ug/L	(2)			
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 0.63 U	< 0.63 U	< 28 U
Heptachlor epoxide	1024-57-3	ug/L	(2)			
Isodrin	465-73-6	ug/L	(1)	< 0.25 U	0.34	< 7.8 U
Isodrin	465-73-6	ug/L	(2)			
Malathion	121-75-5	ug/L	(1)			< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 0.075 U	< 0.075 U	< 11 U
Methoxychlor	72-43-5	ug/L	(2)			
Mirex	2385-85-5	ug/L	(1)			< 24 U
Parathion	56-38-2	ug/L	(1)			< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)			< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)			< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)			< 15 U
Supona	470-90-6	ug/L	(1)			< 19 U
Toxaphene	8001-35-2	ug/L	(1)	< 1.64 U	< 1.64 U	

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	4/29/1994	4/29/1994	5/11/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19940429)	MWF-2BD(19940429)	MWF-2B(19940511)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vapona	62-73-7	ug/L	(1)			< 8.5 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)			< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1 U	< 1 U	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)			< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)			< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)			< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)			< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)			< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)			< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)			< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)			< 3.6 U
2-Nitrophenol	88-75-5	ug/L	(1)			< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)			< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)			< 15 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			< 8.5 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			< 23 U
4-Methylphenol	106-44-5	ug/L	(1)			< 2.8 U#
4-Nitrophenol	100-02-7	ug/L	(1)			< 96 U
Acenaphthene	83-32-9	ug/L	(1)			< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)			< 5.1 U
Anthracene	120-12-7	ug/L	(1)			< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)			< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)			< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)			< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)			< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)			< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)			< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)			< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)			< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)			< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)			< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)			< 28 U
Chrysene	218-01-9	ug/L	(1)			< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)			< 12 U
Dibenzofuran	132-64-9	ug/L	(1)			< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U	
Dicyclopentadiene	77-73-6	ug/L	(1)			< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)			< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)			< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)			< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)			< 1.5 U
Fluoranthene	206-44-0	ug/L	(1)			< 24 U
Fluorene	86-73-7	ug/L	(1)			< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)			< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)			< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)			< 54 U
Hexachloroethane	67-72-1	ug/L	(1)			< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)			< 21 U
Isophorone	78-59-1	ug/L	(1)			< 2.4 U
Naphthalene	91-20-3	ug/L	(1)			< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)			< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)			< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)			< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)			< 9.9 U
Phenol	108-95-2	ug/L	(1)			< 2.2 U

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	4/29/1994	4/29/1994	5/11/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19940429)	MWF-2BD(19940429)	MWF-2B(19940511)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Pyrene	129-00-0	ug/L	(1)			< 17 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)			< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U	
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)			< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U	
2-Hexanone	591-78-6	ug/L	(1)			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	< 1.4 U	
Acetone	67-64-1	ug/L	(1)	< 8 U	< 8 U	
Acetonitrile	75-05-8	ug/L	(1)			
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U	
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U	
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U	
Carbon disulfide	75-15-0	ug/L	(1)			
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U	
Chloroform	67-66-3	ug/L	(1)	2.8	2.7	
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	
Dibromochloropropane	96-12-8	ug/L	(1)			< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)			
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)			
tert-Butylalcohol	75-65-0	ug/L	(1)			
Tetrachloroethene	127-18-4	ug/L	(1)	1	1.3	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			
Trichloroethene	79-01-6	ug/L	(1)	6.8	7.4	
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U	
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U	
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U	
WetChem						
Cyanide	57-12-5	ug/L	(1)	< 5 U	< 5 U	
Total organic carbon	TOC	ug/L	(1)	< 1000 U	< 1000 U	

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	5/11/1994	7/31/1994	8/1/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2BD(19940511)	MWF-2B(19940731)	MWF-2B(19940801)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)			< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)			< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)			< 0.426 UJ
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			
2-Nitrotoluene	88-72-2	ug/L	(1)			
3-Nitrotoluene	99-08-1	ug/L	(1)		< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			
4-Nitrotoluene	99-99-0	ug/L	(1)			
HMX	2691-41-0	ug/L	(1)			< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)		< 3.7 U	< 0.682 UJ
Nitrobenzene	98-95-3	ug/L	(2)			< 3.7 U
Nitrocellulose	9004-70-0	ug/L	(1)			< 222 U
Nitroglycerin	55-63-0	ug/L	(1)			< 1.49 U
Nitroguanidine	556-88-7	ug/L	(1)			
PETN	78-11-5	ug/L	(1)			< 2 U
RDX	121-82-4	ug/L	(1)			0.86 J
Tetryl	479-45-8	ug/L	(1)			< 0.631 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)		< 5.8 U	< 0.397 R
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			< 5.8 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)		< 6.7 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			< 6.7 U
Metals						
Aluminum	7429-90-5	ug/L	(1)			< 112 U
Aluminum	7429-90-5	ug/L	(2)			
Antimony	7440-36-0	ug/L	(1)			< 60 U
Antimony	7440-36-0	ug/L	(2)			
Arsenic	7440-38-2	ug/L	(1)			< 2.35 U
Arsenic	7440-38-2	ug/L	(2)			
Barium	7440-39-3	ug/L	(1)			25.7
Barium	7440-39-3	ug/L	(2)			
Beryllium	7440-41-7	ug/L	(1)			< 1.12 U
Beryllium	7440-41-7	ug/L	(2)			
Cadmium	7440-43-9	ug/L	(1)			< 6.78 U
Cadmium	7440-43-9	ug/L	(2)			
Calcium	7440-70-2	ug/L	(1)			22900
Calcium	7440-70-2	ug/L	(2)			
Chromium	7440-47-3	ug/L	(1)			< 16.8 U
Chromium	7440-47-3	ug/L	(2)			
Cobalt	7440-48-4	ug/L	(1)			< 25 U
Cobalt	7440-48-4	ug/L	(2)			
Copper	7440-50-8	ug/L	(1)			< 18.8 U
Copper	7440-50-8	ug/L	(2)			
Iron	7439-89-6	ug/L	(1)			121
Iron	7439-89-6	ug/L	(2)			
Lead	7439-92-1	ug/L	(1)			< 4.47 U
Lead	7439-92-1	ug/L	(2)			
Magnesium	7439-95-4	ug/L	(1)			7180
Magnesium	7439-95-4	ug/L	(2)			
Manganese	7439-96-5	ug/L	(1)			416
Manganese	7439-96-5	ug/L	(2)			
Mercury	7439-97-6	ug/L	(1)			< 0.1 U
Mercury	7439-97-6	ug/L	(2)			
Nickel	7440-02-0	ug/L	(1)			< 32.1 U
Nickel	7440-02-0	ug/L	(2)			
Potassium	7440-09-7	ug/L	(1)			< 1240 U
Potassium	7440-09-7	ug/L	(2)			
Selenium	7782-49-2	ug/L	(1)			< 2.53 UJ
Selenium	7782-49-2	ug/L	(2)			
Silver	7440-22-4	ug/L	(1)			< 0.333 U
Silver	7440-22-4	ug/L	(2)			
Sodium	7440-23-5	ug/L	(1)			45200
Sodium	7440-23-5	ug/L	(2)			
Thallium	7440-28-0	ug/L	(1)			< 125 U
Thallium	7440-28-0	ug/L	(2)			

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	5/11/1994	7/31/1994	8/1/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2BD(19940511)	MWF-2B(19940731)	MWF-2B(19940801)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vanadium	7440-62-2	ug/L	(1)			< 27.6 U
Vanadium	7440-62-2	ug/L	(2)			
Zinc	7440-66-6	ug/L	(1)			< 18 U
Zinc	7440-66-6	ug/L	(2)			
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U		< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U		< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U		< 130 U
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U		< 3.3 U
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)			< 0.385 R
Aroclor 1221	11104-28-2	ug/L	(1)			< 0.385 UT
Aroclor 1232	11141-16-5	ug/L	(1)			< 0.385 UT
Aroclor 1242	53469-21-9	ug/L	(1)			< 0.385 UT
Aroclor 1248	12672-29-6	ug/L	(1)			< 0.385 UT
Aroclor 1254	11097-69-1	ug/L	(1)			< 0.176 UT
Aroclor 1260	11096-82-5	ug/L	(1)			< 0.176 R
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 18 U		< 18 U
4,4'-DDD	72-54-8	ug/L	(2)			< 0.81 U
4,4'-DDE	72-55-9	ug/L	(1)	< 14 U		< 14 U
4,4'-DDE	72-55-9	ug/L	(2)			< 0.39 U
4,4'-DDT	50-29-3	ug/L	(1)	< 18 U		< 18 U
4,4'-DDT	50-29-3	ug/L	(2)			< 0.25 U
Aldrin	309-00-2	ug/L	(1)	< 13 U		< 13 U
Aldrin	309-00-2	ug/L	(2)			< 0.74 U
alpha-BHC	319-84-6	ug/L	(1)	< 5.3 U		< 5.3 U
alpha-BHC	319-84-6	ug/L	(2)			< 0.25 U
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U		< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 17 U		< 17 U
beta-BHC	319-85-7	ug/L	(2)			< 0.99 U
Bromacil	314-40-9	ug/L	(1)	< 2.9 U		< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 37 U		< 0.0312 U
Chlordane	57-74-9	ug/L	(2)			< 37 U
delta-BHC	319-86-8	ug/L	(1)			< 0.34 U
Dieldrin	60-57-1	ug/L	(1)	< 26 U		< 0.74 U
Dieldrin	60-57-1	ug/L	(2)			< 26 U
Endosulfan I	959-98-8	ug/L	(1)	< 23 U		< 0.25 U
Endosulfan I	959-98-8	ug/L	(2)			< 23 U
Endosulfan II	33213-65-9	ug/L	(1)	< 42 U		< 0.77 U
Endosulfan II	33213-65-9	ug/L	(2)			< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 50 U		< 50 U
Endosulfan sulfate	1031-07-8	ug/L	(2)			0.56 N
Endrin	72-20-8	ug/L	(1)	< 18 U		< 0.0176 U
Endrin	72-20-8	ug/L	(2)			< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 5 U		< 0.0504 U
Endrin aldehyde	7421-93-4	ug/L	(2)			< 5 U
Endrin ketone	53494-70-5	ug/L	(1)			< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 7.2 U		< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)			< 0.25 U
Heptachlor	76-44-8	ug/L	(1)	< 38 U		< 38 U
Heptachlor	76-44-8	ug/L	(2)			< 0.25 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 28 U		< 0.63 U
Heptachlor epoxide	1024-57-3	ug/L	(2)			< 28 U
Isodrin	465-73-6	ug/L	(1)	< 7.8 U		< 0.25 U
Isodrin	465-73-6	ug/L	(2)			< 7.8 U
Malathion	121-75-5	ug/L	(1)	< 21 U		< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 11 U		< 11 U
Methoxychlor	72-43-5	ug/L	(2)			< 0.075 U
Mirex	2385-85-5	ug/L	(1)	< 24 U		< 24 U
Parathion	56-38-2	ug/L	(1)	< 37 U		< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U		< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U		< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U		< 15 U
Supona	470-90-6	ug/L	(1)	< 19 U		< 19 U
Toxaphene	8001-35-2	ug/L	(1)			< 1.64 U

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	5/11/1994	7/31/1994	8/1/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2BD(19940511)	MWF-2B(19940731)	MWF-2B(19940801)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vapona	62-73-7	ug/L	(1)	< 8.5 U		< 8.5 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)			< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U		< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U		< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U		< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 3.4 U		< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U		< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U		< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U		< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U		< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U		< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U		< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U		< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U		< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U		< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U		< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U		< 3.6 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U		< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U		< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U		< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U		< 15 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U		< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U		< 8.5 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U		< 23 U
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#		< 2.8 U#
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U		< 96 U
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U		< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U		< 5.1 U
Anthracene	120-12-7	ug/L	(1)	< 5.2 U		< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U		< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U		< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U		< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U		< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U		< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U		< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U		< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U		< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U		< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U		< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U		< 28 U
Chrysene	218-01-9	ug/L	(1)	< 7.4 U		< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U		< 12 U
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U		< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)			< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U		< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U		< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U		< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U		< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U		< 1.5 U
Fluoranthene	206-44-0	ug/L	(1)	< 24 U		< 24 U
Fluorene	86-73-7	ug/L	(1)	< 9.2 U		< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U		< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U		< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U		< 54 U
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U		< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U		< 21 U
Isophorone	78-59-1	ug/L	(1)	< 2.4 U		< 2.4 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U		< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U		< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U		< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U		< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U		< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U		< 9.9 U
Phenol	108-95-2	ug/L	(1)	< 2.2 U		< 2.2 U

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	5/11/1994	7/31/1994	8/1/1994
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2BD(19940511)	MWF-2B(19940731)	MWF-2B(19940801)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Pyrene	129-00-0	ug/L	(1)	< 17 U		< 17 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)			< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)			< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)			< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)			< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U		< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)			< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)			< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)			< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)			< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U		< 1.7 U
2-Butanone	78-93-3	ug/L	(1)			< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)			< 3.5 U
2-Hexanone	591-78-6	ug/L	(1)			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)			< 1.4 U
Acetone	67-64-1	ug/L	(1)			< 8 U
Acetonitrile	75-05-8	ug/L	(1)			
Acrylonitrile	107-13-1	ug/L	(1)			< 8.4 U
Benzene	71-43-2	ug/L	(1)			< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)			< 1 U
Bromoform	75-25-2	ug/L	(1)			< 11 U
Bromomethane	74-83-9	ug/L	(1)			< 14 U
Carbon disulfide	75-15-0	ug/L	(1)			
Carbon tetrachloride	56-23-5	ug/L	(1)			< 1 U
Chlorobenzene	108-90-7	ug/L	(1)			< 1 U
Chloroethane	75-00-3	ug/L	(1)			< 8 U
Chloroform	67-66-3	ug/L	(1)			2.5
Chloromethane	74-87-3	ug/L	(1)			< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			
Dibromochloromethane	124-48-1	ug/L	(1)			< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U		< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)			
Ethyl benzene	100-41-4	ug/L	(1)			< 1 U
Methylene chloride	75-09-2	ug/L	(1)			< 1 U
m-Xylenes	108-38-3	ug/L	(1)			< 1 U
Styrene	100-42-5	ug/L	(1)			
tert-Butylalcohol	75-65-0	ug/L	(1)			
Tetrachloroethene	127-18-4	ug/L	(1)			< 1 U
Toluene	108-88-3	ug/L	(1)			< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			
Trichloroethene	79-01-6	ug/L	(1)			5.7
Trichlorofluoromethane	75-69-4	ug/L	(1)			< 1 U
Vinyl chloride	75-01-4	ug/L	(1)			< 12 U
Xylenes	1330-20-7	ug/L	(1)			< 2 U
WetChem						
Cyanide	57-12-5	ug/L	(1)			< 5 U
Total organic carbon	TOC	ug/L	(1)		< 1000 U	

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19990726)	MWF-2B(20020204)	MWF-2B(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	0.05 J	< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 U	< 0.2 UJ	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 (U)	< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 U	< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 0.2 U	
HMX	2691-41-0	ug/L	(1)	0.4 J	0.48 J	
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 0.2 U	
Nitrobenzene	98-95-3	ug/L	(2)			
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U		
Nitroglycerin	55-63-0	ug/L	(1)	< 2.5 U		
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U		
PETN	78-11-5	ug/L	(1)	< 2.5 U		
RDX	121-82-4	ug/L	(1)	0.38 J	0.41 J	
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 0.2 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.2 U	< 0.2 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.2 U	< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			
Metals						
Aluminum	7429-90-5	ug/L	(1)	96 J		
Aluminum	7429-90-5	ug/L	(2)			
Antimony	7440-36-0	ug/L	(1)	< 60 U		
Antimony	7440-36-0	ug/L	(2)			
Arsenic	7440-38-2	ug/L	(1)	< 10 U		
Arsenic	7440-38-2	ug/L	(2)			
Barium	7440-39-3	ug/L	(1)	18 J		
Barium	7440-39-3	ug/L	(2)			
Beryllium	7440-41-7	ug/L	(1)	< 5 U		
Beryllium	7440-41-7	ug/L	(2)			
Cadmium	7440-43-9	ug/L	(1)	< 5 U		
Cadmium	7440-43-9	ug/L	(2)			
Calcium	7440-70-2	ug/L	(1)	16800		
Calcium	7440-70-2	ug/L	(2)			
Chromium	7440-47-3	ug/L	(1)	< 10 U		
Chromium	7440-47-3	ug/L	(2)			
Cobalt	7440-48-4	ug/L	(1)	< 50 U		
Cobalt	7440-48-4	ug/L	(2)			
Copper	7440-50-8	ug/L	(1)	< 25 U		
Copper	7440-50-8	ug/L	(2)			
Iron	7439-89-6	ug/L	(1)	< 100 U		
Iron	7439-89-6	ug/L	(2)			
Lead	7439-92-1	ug/L	(1)	< 3 U		
Lead	7439-92-1	ug/L	(2)			
Magnesium	7439-95-4	ug/L	(1)	4900 J		
Magnesium	7439-95-4	ug/L	(2)			
Manganese	7439-96-5	ug/L	(1)	6.9 J		
Manganese	7439-96-5	ug/L	(2)			
Mercury	7439-97-6	ug/L	(1)	< 0.2 U		
Mercury	7439-97-6	ug/L	(2)			
Nickel	7440-02-0	ug/L	(1)	< 40 U		
Nickel	7440-02-0	ug/L	(2)			
Potassium	7440-09-7	ug/L	(1)	1300 J		
Potassium	7440-09-7	ug/L	(2)			
Selenium	7782-49-2	ug/L	(1)	< 5 U		
Selenium	7782-49-2	ug/L	(2)			
Silver	7440-22-4	ug/L	(1)	< 10 U		
Silver	7440-22-4	ug/L	(2)			
Sodium	7440-23-5	ug/L	(1)	44100		
Sodium	7440-23-5	ug/L	(2)			
Thallium	7440-28-0	ug/L	(1)	< 10 U		
Thallium	7440-28-0	ug/L	(2)			

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19990726)	MWF-2B(20020204)	MWF-2B(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vanadium	7440-62-2	ug/L	(1)	< 50 U		
Vanadium	7440-62-2	ug/L	(2)			
Zinc	7440-66-6	ug/L	(1)	< 20 U		
Zinc	7440-66-6	ug/L	(2)			
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)			
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)			
Dimethylmethylphosphonate	756-79-6	ug/L	(1)			
Dithiane	51330-42-8	ug/L	(1)			
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)			
Aroclor 1221	11104-28-2	ug/L	(1)			
Aroclor 1232	11141-16-5	ug/L	(1)			
Aroclor 1242	53469-21-9	ug/L	(1)			
Aroclor 1248	12672-29-6	ug/L	(1)			
Aroclor 1254	11097-69-1	ug/L	(1)			
Aroclor 1260	11096-82-5	ug/L	(1)			
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)			
4,4'-DDD	72-54-8	ug/L	(2)			
4,4'-DDE	72-55-9	ug/L	(1)			
4,4'-DDE	72-55-9	ug/L	(2)			
4,4'-DDT	50-29-3	ug/L	(1)			
4,4'-DDT	50-29-3	ug/L	(2)			
Aldrin	309-00-2	ug/L	(1)			
Aldrin	309-00-2	ug/L	(2)			
alpha-BHC	319-84-6	ug/L	(1)			
alpha-BHC	319-84-6	ug/L	(2)			
Atrazine	1912-24-9	ug/L	(1)			
beta-BHC	319-85-7	ug/L	(1)			
beta-BHC	319-85-7	ug/L	(2)			
Bromacil	314-40-9	ug/L	(1)			
Chlordane	57-74-9	ug/L	(1)			
Chlordane	57-74-9	ug/L	(2)			
delta-BHC	319-86-8	ug/L	(1)			
Dieldrin	60-57-1	ug/L	(1)			
Dieldrin	60-57-1	ug/L	(2)			
Endosulfan I	959-98-8	ug/L	(1)			
Endosulfan I	959-98-8	ug/L	(2)			
Endosulfan II	33213-65-9	ug/L	(1)			
Endosulfan II	33213-65-9	ug/L	(2)			
Endosulfan sulfate	1031-07-8	ug/L	(1)			
Endosulfan sulfate	1031-07-8	ug/L	(2)			
Endrin	72-20-8	ug/L	(1)			
Endrin	72-20-8	ug/L	(2)			
Endrin aldehyde	7421-93-4	ug/L	(1)			
Endrin aldehyde	7421-93-4	ug/L	(2)			
Endrin ketone	53494-70-5	ug/L	(1)			
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			
gamma-BHC (Lindane)	58-89-9	ug/L	(2)			
Heptachlor	76-44-8	ug/L	(1)			
Heptachlor	76-44-8	ug/L	(2)			
Heptachlor epoxide	1024-57-3	ug/L	(1)			
Heptachlor epoxide	1024-57-3	ug/L	(2)			
Isodrin	465-73-6	ug/L	(1)			
Isodrin	465-73-6	ug/L	(2)			
Malathion	121-75-5	ug/L	(1)			
Methoxychlor	72-43-5	ug/L	(1)			
Methoxychlor	72-43-5	ug/L	(2)			
Mirex	2385-85-5	ug/L	(1)			
Parathion	56-38-2	ug/L	(1)			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)			
Supona	470-90-6	ug/L	(1)			
Toxaphene	8001-35-2	ug/L	(1)			

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19990726)	MWF-2B(20020204)	MWF-2B(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Vapona	62-73-7	ug/L	(1)			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)			
1,3-Dichlorobenzene	541-73-1	ug/L	(1)			
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			
2,4-Dichlorophenol	120-83-2	ug/L	(1)			
2,4-Dimethylphenol	105-67-9	ug/L	(1)			
2,4-Dinitrophenol	51-28-5	ug/L	(1)			
2,6-Dinitroaniline	606-22-4	ug/L	(1)			
2-Chloronaphthalene	91-58-7	ug/L	(1)			
2-Chlorophenol	95-57-8	ug/L	(1)			
2-Methylnaphthalene	91-57-6	ug/L	(1)			
2-Methylphenol	95-48-7	ug/L	(1)			
2-Nitrophenol	88-75-5	ug/L	(1)			
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			
3,5-Dinitroaniline	618-87-1	ug/L	(1)			
3-Nitroaniline	99-09-2	ug/L	(1)			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			
4-Methylphenol	106-44-5	ug/L	(1)			
4-Nitrophenol	100-02-7	ug/L	(1)			
Acenaphthene	83-32-9	ug/L	(1)			
Acenaphthylene	208-96-8	ug/L	(1)			
Anthracene	120-12-7	ug/L	(1)			
Benz(a)anthracene	56-55-3	ug/L	(1)			
Benzo(a)pyrene	50-32-8	ug/L	(1)			
Benzo(b)fluoranthene	205-99-2	ug/L	(1)			
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)			
Benzo(k)fluoranthene	207-08-9	ug/L	(1)			
Benzyl alcohol	100-51-6	ug/L	(1)			
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)			
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)			
Butylbenzyl phthalate	85-68-7	ug/L	(1)			
Chrysene	218-01-9	ug/L	(1)			
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)			
Dibenzofuran	132-64-9	ug/L	(1)			
Dichlorobenzenes	25321-22-6	ug/L	(1)			
Dicyclopentadiene	77-73-6	ug/L	(1)			
Diethylphthalate	84-66-2	ug/L	(1)			
Dimethylphthalate	131-11-3	ug/L	(1)			
di-n-Butylphthalate	84-74-2	ug/L	(1)			
di-n-Octylphthalate	117-84-0	ug/L	(1)			
Fluoranthene	206-44-0	ug/L	(1)			
Fluorene	86-73-7	ug/L	(1)			
Hexachlorobenzene	118-74-1	ug/L	(1)			
Hexachlorobutadiene	87-68-3	ug/L	(1)			
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)			
Hexachloroethane	67-72-1	ug/L	(1)			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)			
Isophorone	78-59-1	ug/L	(1)			
Naphthalene	91-20-3	ug/L	(1)			
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)			
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)			
Pentachlorophenol	87-86-5	ug/L	(1)			
Phenanthrene	85-01-8	ug/L	(1)			
Phenol	108-95-2	ug/L	(1)			

			Site Name	111	111	111
			Location ID	F-MWF-2B	F-MWF-2B	F-MWF-2B
			Sample Date	7/26/1999	2/4/2002	11/19/2003
			Depth Interval	36 - 46	36 - 46	36 - 46
			Sample ID	MWF-2B(19990726)	MWF-2B(20020204)	MWF-2B(20031119)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Pyrene	129-00-0	ug/L	(1)			
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)			
1,2-Dichloroethane	107-06-2	ug/L	(1)	0.23 J	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)			
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)			
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)			
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)			
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 10 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 U	< 10 UJ	< 10 U
Acetonitrile	75-05-8	ug/L	(1)	< 20 U	< 20 R	< 20 U
Acrylonitrile	107-13-1	ug/L	(1)			
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 UJ	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 UJ	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 UJ	< 2 U
Chloroform	67-66-3	ug/L	(1)	0.42 J	< 1 U	0.4 J
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)			
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 UJ	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 (U)	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)			
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R	
Tetrachloroethene	127-18-4	ug/L	(1)	0.16 J	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 UJ	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	4.4	5	5.7
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U
WetChem						
Cyanide	57-12-5	ug/L	(1)			
Total organic carbon	TOC	ug/L	(1)			

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SB-001	F-111-SS-009	F-111-SS-010A	F-111-SS-011	F-111-SS-012	F-111-SS-013	F-111-SS-014
			Sample Date	6/4/2001	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	2 - 3	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	111SB-1A(2-3)	111SS-9B(1-2)	111SS-10A(0-1)	111SS-11A(0-1)	111SS-12A(0-1)	111SS-13A(0-1)	111SS-14A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)							
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)							
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)							
3-Nitrotoluene	99-08-1	mg/kg	(1)							
HMX	2691-41-0	mg/kg	(1)							
Nitrobenzene	98-95-3	mg/kg	(1)							
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)							
Nitroglycerin	55-63-0	mg/kg	(1)							
PETN	78-11-5	mg/kg	(1)							
RDX	121-82-4	mg/kg	(1)							
Tetryl	479-45-8	mg/kg	(1)							
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)							
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)							
Antimony	7440-36-0	mg/kg	(1)							
Arsenic	7440-38-2	mg/kg	(1)							
Barium	7440-39-3	mg/kg	(1)							
Beryllium	7440-41-7	mg/kg	(1)							
Cadmium	7440-43-9	mg/kg	(1)							
Calcium	7440-70-2	mg/kg	(1)							
Chromium	7440-47-3	mg/kg	(1)							
Cobalt	7440-48-4	mg/kg	(1)							
Copper	7440-50-8	mg/kg	(1)							
Iron	7439-89-6	mg/kg	(1)							
Lead	7439-92-1	mg/kg	(1)							
Magnesium	7439-95-4	mg/kg	(1)							
Manganese	7439-96-5	mg/kg	(1)							
Mercury	7439-97-6	mg/kg	(1)							
Nickel	7440-02-0	mg/kg	(1)							
Potassium	7440-09-7	mg/kg	(1)							
Selenium	7782-49-2	mg/kg	(1)							
Silver	7440-22-4	mg/kg	(1)							
Sodium	7440-23-5	mg/kg	(1)							
Thallium	7440-28-0	mg/kg	(1)							
Vanadium	7440-62-2	mg/kg	(1)							
Zinc	7440-66-6	mg/kg	(1)							
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)							
Dithiane	51330-42-8	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SB-001	F-111-SS-009	F-111-SS-010A	F-111-SS-011	F-111-SS-012	F-111-SS-013	F-111-SS-014
			Sample Date	6/4/2001	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	2 - 3	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	111SB-1A(2-3)	111SS-9B(1-2)	111SS-10A(0-1)	111SS-11A(0-1)	111SS-12A(0-1)	111SS-13A(0-1)	111SS-14A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)							
Aroclor 1016	12674-11-2	mg/kg	(2)							
Aroclor 1221	11104-28-2	mg/kg	(1)							
Aroclor 1232	11141-16-5	mg/kg	(1)							
Aroclor 1242	53469-21-9	mg/kg	(1)							
Aroclor 1248	12672-29-6	mg/kg	(1)							
Aroclor 1254	11097-69-1	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(2)							
Aroclor 1262	37324-23-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDD	72-54-8	mg/kg	(2)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(2)							
4,4'-DDT	50-29-3	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(2)							
Aldrin	309-00-2	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(2)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(2)							
Atrazine	1912-24-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(2)							
Chlordane	57-74-9	mg/kg	(1)							
Chlordane	57-74-9	mg/kg	(2)							
delta-BHC	319-86-8	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(2)							
Dieldrin	60-57-1	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(2)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(2)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(2)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(2)							
Endrin	72-20-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(2)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(2)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SB-001	F-111-SS-009	F-111-SS-010A	F-111-SS-011	F-111-SS-012	F-111-SS-013	F-111-SS-014
			Sample Date	6/4/2001	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	2 - 3	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	111SB-1A(2-3)	111SS-9B(1-2)	111SS-10A(0-1)	111SS-11A(0-1)	111SS-12A(0-1)	111SS-13A(0-1)	111SS-14A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Pesticides (continued)										
Heptachlor epoxide	1024-57-3	mg/kg	(2)							
Isodrin	465-73-6	mg/kg	(1)							
Isodrin	465-73-6	mg/kg	(2)							
Malathion	121-75-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(2)							
Mirex	2385-85-5	mg/kg	(1)							
Parathion	56-38-2	mg/kg	(1)							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)							
Supona	470-90-6	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(2)							
Vapona	62-73-7	mg/kg	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)							
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)							
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)							
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)							
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)							
2,4-Dichlorophenol	120-83-2	mg/kg	(1)							
2,4-Dimethylphenol	105-67-9	mg/kg	(1)							
2,4-Dinitrophenol	51-28-5	mg/kg	(1)							
2,6-Dinitroaniline	606-22-4	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)							
2-Chlorophenol	95-57-8	mg/kg	(1)							
2-Methylnaphthalene	91-57-6	mg/kg	(1)							
2-Methylphenol	95-48-7	mg/kg	(1)							
2-Nitrophenol	88-75-5	mg/kg	(1)							
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)							
3,5-Dinitroaniline	618-87-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)							
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)							
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)							
4-Methylphenol	106-44-5	mg/kg	(1)							
4-Nitrophenol	100-02-7	mg/kg	(1)							
Acenaphthene	83-32-9	mg/kg	(1)	0.06 J	0.23 J	0.16 J	< 0.34 U	0.21 J	0.05 J	0.58 JD
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.35 U	< 0.38 U	0.05 J	< 0.34 U	< 0.37 U	< 0.35 U	0.12 JD

			Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SB-001	F-111-SS-009	F-111-SS-010A	F-111-SS-011	F-111-SS-012	F-111-SS-013	F-111-SS-014
			Sample Date	6/4/2001	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	2 - 3	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	111SB-1A(2-3)	111SS-9B(1-2)	111SS-10A(0-1)	111SS-11A(0-1)	111SS-12A(0-1)	111SS-13A(0-1)	111SS-14A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
SVOC (continued)										
Anthracene	120-12-7	mg/kg	(1)	0.22 J	0.66 J	0.51 J	< 0.34 U	0.57 J	0.22 J	3.6 JD
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.93	2.6	1.9	< 0.34 U	2.1	1.4	26 D
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.82	2.4	1.7	< 0.34 U	1.7	1.3	24 D
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.91	3.6	2.6	< 0.34 U	2.7	2.2	30 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.48	< 0.38 U	0.71	< 0.34 U	0.12 J	0.72	13 D
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.46	3.6	0.82	< 0.34 U	2.6	0.75	9.9 D
Benzyl alcohol	100-51-6	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)							
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)							
Butylbenzyl phthalate	85-68-7	mg/kg	(1)							
Chrysene	218-01-9	mg/kg	(1)	1	2.8	2	< 0.34 U	2.2	1.8	26 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.12 J	0.37 J	0.32 J	< 0.34 U	0.37 J	0.08 J	3.4 JD
Dibenzofuran	132-64-9	mg/kg	(1)							
Dichlorobenzenes	25321-22-6	mg/kg	(1)							
Dicyclopentadiene	77-73-6	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)							
Dimethylphthalate	131-11-3	mg/kg	(1)							
di-n-Butylphthalate	84-74-2	mg/kg	(1)							
di-n-Octylphthalate	117-84-0	mg/kg	(1)							
Fluoranthene	206-44-0	mg/kg	(1)	1.7	4.9 D	3.7	< 0.34 U	4.4 D	3.4 D	52 D
Fluorene	86-73-7	mg/kg	(1)	0.07 J	0.28 J	0.19 J	< 0.34 U	0.23 J	0.07 J	0.62 JD
Hexachlorobenzene	118-74-1	mg/kg	(1)							
Hexachlorobutadiene	87-68-3	mg/kg	(1)							
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)							
Hexachloroethane	67-72-1	mg/kg	(1)							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.45	0.09 J	0.93 J	< 0.34 U	0.05 J	0.92 J	15 D
Isophorone	78-59-1	mg/kg	(1)							
Naphthalene	91-20-3	mg/kg	(1)	< 0.35 U	0.08 J	< 0.42 U	< 0.34 U	< 0.37 U	< 0.35 U	< 0.71 UD
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)							
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)							
Pentachlorophenol	87-86-5	mg/kg	(1)							
Phenanthrene	85-01-8	mg/kg	(1)	0.68	2.5 J	1.9 J	< 0.34 U	2.6 J	1.2 J	13 D
Phenol	108-95-2	mg/kg	(1)							
Pyrene	129-00-0	mg/kg	(1)	1.6	4.3 D	3.1 D	< 0.34 U	3.9 D	3.1 D	48 D
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SB-001	F-111-SS-009	F-111-SS-010A	F-111-SS-011	F-111-SS-012	F-111-SS-013	F-111-SS-014
			Sample Date	6/4/2001	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	2 - 3	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	111SB-1A(2-3)	111SS-9B(1-2)	111SS-10A(0-1)	111SS-11A(0-1)	111SS-12A(0-1)	111SS-13A(0-1)	111SS-14A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
VOC (continued)										
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
1,3-Dichloropropane	142-28-9	mg/kg	(1)							
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acrylonitrile	107-13-1	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dibromochloropropane	96-12-8	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
m-Xylenes	108-38-3	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Solids	%Solid	%	(1)	93.4	86	78.4	97.6	88	94.8	92.6
Cyanide	57-12-5	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SS-015	F-111-SS-016	F-111-SS-017	F-SS111-1	F-SS111-1	F-SS111-2	F-SS111-2
			Sample Date	8/31/2000	8/31/2000	4/23/2001	12/4/1993	12/4/1993	12/4/1993	12/4/1993
			Depth Interval	0 - 1	1 - 2	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	111SS-15A(0-1)	111SS-16B(1-2)	111SS-17A(0-1)	SS111-1B(0.5-1)	SS111-1A(0-0.5)	SS111-2B(0.5-1)	SS111-2A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					< 2 U		< 2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)					< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg	(1)					< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)					< 1.8 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)					< 1.14 U		< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)					107		81.1
Nitroglycerin	55-63-0	mg/kg	(1)					< 0.51 U		< 0.51 U
PETN	78-11-5	mg/kg	(1)					< 1 U		< 1 U
RDX	121-82-4	mg/kg	(1)					< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	(1)					< 2.11 U		< 2.11 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					< 2.5 U		< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					< 1.4 U		< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					< 2 U		< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					< 0.32 U		< 0.32 U
Metals										
Aluminum	7429-90-5	mg/kg	(1)					11600		12900
Antimony	7440-36-0	mg/kg	(1)					3.02		< 0.5 U
Arsenic	7440-38-2	mg/kg	(1)					21.5		3.44
Barium	7440-39-3	mg/kg	(1)					173		51.1
Beryllium	7440-41-7	mg/kg	(1)					< 0.427 U		< 0.427 U
Cadmium	7440-43-9	mg/kg	(1)					3.87		< 1.2 U
Calcium	7440-70-2	mg/kg	(1)					2500		2620
Chromium	7440-47-3	mg/kg	(1)					27.9		14.6
Cobalt	7440-48-4	mg/kg	(1)					9.18		8.18
Copper	7440-50-8	mg/kg	(1)					158		22.5
Iron	7439-89-6	mg/kg	(1)					57300		25700
Lead	7439-92-1	mg/kg	(1)					197		22.7
Magnesium	7439-95-4	mg/kg	(1)					2470		1860
Manganese	7439-96-5	mg/kg	(1)					603		304
Mercury	7439-97-6	mg/kg	(1)					2.2 D		< 0.05 U
Nickel	7440-02-0	mg/kg	(1)					14		8.99
Potassium	7440-09-7	mg/kg	(1)					908		736
Selenium	7782-49-2	mg/kg	(1)					< 0.449 U		< 0.449 U
Silver	7440-22-4	mg/kg	(1)					< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	(1)					94.8		90.2
Thallium	7440-28-0	mg/kg	(1)					< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)					30.9		25.5
Zinc	7440-66-6	mg/kg	(1)					559		61.8
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)					< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)					< 0.065 U		< 0.065 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SS-015	F-111-SS-016	F-111-SS-017	F-SS111-1	F-SS111-1	F-SS111-2	F-SS111-2
			Sample Date	8/31/2000	8/31/2000	4/23/2001	12/4/1993	12/4/1993	12/4/1993	12/4/1993
			Depth Interval	0 - 1	1 - 2	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	111SS-15A(0-1)	111SS-16B(1-2)	111SS-17A(0-1)	SS111-1B(0.5-1)	SS111-1A(0-0.5)	SS111-2B(0.5-1)	SS111-2A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)					< 0.1 UJ		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)					< 0.32 U		
Aroclor 1221	11104-28-2	mg/kg	(1)					< 0.1 UT		
Aroclor 1232	11141-16-5	mg/kg	(1)					< 0.1 UT		
Aroclor 1242	53469-21-9	mg/kg	(1)					< 0.1 UT		
Aroclor 1248	12672-29-6	mg/kg	(1)					< 0.1 UT		
Aroclor 1254	11097-69-1	mg/kg	(1)					< 0.0479 UT		
Aroclor 1260	11096-82-5	mg/kg	(1)					< 0.0479 UJ		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)					< 0.79 U		
Aroclor 1262	37324-23-5	mg/kg	(1)					< 6.3 U		< 6.3 U
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)					< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)					< 0.27 U		
4,4'-DDE	72-55-9	mg/kg	(1)					< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)					0.01		
4,4'-DDT	50-29-3	mg/kg	(1)					0.11 D		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)					< 0.1 U		
Aldrin	309-00-2	mg/kg	(1)					< 0.14 U		< 1.3 U
Aldrin	309-00-2	mg/kg	(2)					< 1.3 U		
alpha-BHC	319-84-6	mg/kg	(1)					< 0.28 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)					< 1.3 U		
Atrazine	1912-24-9	mg/kg	(1)					< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)					< 0.77 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)					< 1.3 U		
Chlordane	57-74-9	mg/kg	(1)					< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg	(2)					< 0.0684 U		
delta-BHC	319-86-8	mg/kg	(1)					< 0.85 U		< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)					< 0.21 U		
Dieldrin	60-57-1	mg/kg	(1)					< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)					0.05 N		
Endosulfan I	959-98-8	mg/kg	(1)					< 0.1 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)					< 0.4 U		
Endosulfan II	33213-65-9	mg/kg	(1)					0.01 N		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)					< 2.4 U		
Endosulfan sulfate	1031-07-8	mg/kg	(1)					< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)					< 0.05 UT		
Endrin	72-20-8	mg/kg	(1)					< 0.65 U		< 1.3 U
Endrin	72-20-8	mg/kg	(2)					< 1.3 U		
Endrin aldehyde	7421-93-4	mg/kg	(1)					< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)					< 0.05 UT		
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)					< 0.1 U		
Heptachlor	76-44-8	mg/kg	(1)					< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)					< 0.22 U		
Heptachlor epoxide	1024-57-3	mg/kg	(1)					< 0.13 U		< 0.48 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SS-015	F-111-SS-016	F-111-SS-017	F-SS111-1	F-SS111-1	F-SS111-2	F-SS111-2
			Sample Date	8/31/2000	8/31/2000	4/23/2001	12/4/1993	12/4/1993	12/4/1993	12/4/1993
			Depth Interval	0 - 1	1 - 2	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	111SS-15A(0-1)	111SS-16B(1-2)	111SS-17A(0-1)	SS111-1B(0.5-1)	SS111-1A(0-0.5)	SS111-2B(0.5-1)	SS111-2A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Pesticides (continued)										
Heptachlor epoxide	1024-57-3	mg/kg	(2)					< 0.48 U		
Isodrin	465-73-6	mg/kg	(1)					< 0.3 U		< 0.48 U
Isodrin	465-73-6	mg/kg	(2)					< 0.48 U		
Malathion	121-75-5	mg/kg	(1)					< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)					< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)					< 0.0359 U		
Mirex	2385-85-5	mg/kg	(1)					< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	(1)					< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)					< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)					< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)					< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	(1)					< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)					< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg	(2)					< 0.226 U		
Vapona	62-73-7	mg/kg	(1)					< 0.068 U		< 0.068 U
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)					< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)				< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)					< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)					< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)					< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)					< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)					< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)					< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)					< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)					< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)					< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)					< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	0.04 J	0.2 J	< 0.36 U		0.36		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.36 U	0.05 J	< 0.36 U		0.66		< 0.033 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SS-015	F-111-SS-016	F-111-SS-017	F-SS111-1	F-SS111-1	F-SS111-2	F-SS111-2
			Sample Date	8/31/2000	8/31/2000	4/23/2001	12/4/1993	12/4/1993	12/4/1993	12/4/1993
			Depth Interval	0 - 1	1 - 2	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	111SS-15A(0-1)	111SS-16B(1-2)	111SS-17A(0-1)	SS111-1B(0.5-1)	SS111-1A(0-0.5)	SS111-2B(0.5-1)	SS111-2A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
SVOC (continued)										
Anthracene	120-12-7	mg/kg	(1)	0.15 J	1.1 J	< 0.36 U		2.9		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	1.4	5.6 D	1.1		11		< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	1.4	5.4 D	1.2		9.2		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	2.1	6.9 D	1.3		9.2		< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.84	2.6	0.81		5.9		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.69	2.6	0.66		< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)					< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	1.8	6 D	1.2		8		< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.23 J	0.81 J	< 0.36 U		2.2		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)					< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)				< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)					< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)					< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)					< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)					< 1.3 U		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)					< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	3.5	11 D	1.5		6.8		0.05
Fluorene	86-73-7	mg/kg	(1)	0.04 J	0.24 J	< 0.36 U		0.39		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)					< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)					< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					< 0.52 U		< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)					< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.9 J	3.4 J	0.64		6		< 2.4 U
Isophorone	78-59-1	mg/kg	(1)					< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.36 U	< 0.37 U	< 0.36 U		< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)					< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					1		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)					< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	1 J	3.7 D	0.29 J		6.1		< 0.032 U
Phenol	108-95-2	mg/kg	(1)					< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	2.9 D	11 D	1.8		800 D		< 0.083 U
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)				< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)				< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)					< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)				< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)				< 0.32 U		< 0.32 U	

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-111-SS-015	F-111-SS-016	F-111-SS-017	F-SS111-1	F-SS111-1	F-SS111-2	F-SS111-2
			Sample Date	8/31/2000	8/31/2000	4/23/2001	12/4/1993	12/4/1993	12/4/1993	12/4/1993
			Depth Interval	0 - 1	1 - 2	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	111SS-15A(0-1)	111SS-16B(1-2)	111SS-17A(0-1)	SS111-1B(0.5-1)	SS111-1A(0-0.5)	SS111-2B(0.5-1)	SS111-2A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
VOC (continued)										
1,2-Dichloropropane	78-87-5	mg/kg	(1)				< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)				< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)					< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)				< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)				< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg	(1)				< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	(1)				< 2 U		< 2 U	
Benzene	71-43-2	mg/kg	(1)				< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)				< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)				< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)				< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)				< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)				< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)				< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)				< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)				< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	(1)				< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)					< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)				< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg	(1)				< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)				< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	(1)				< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg	(1)				< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg	(1)				< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)				< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)				< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)				< 0.78 U		< 0.78 U	
WetChem										
% Solids	%Solid	%	(1)	92.4	90.3	92.9				
Cyanide	57-12-5	mg/kg	(1)					< 0.25 U		< 0.25 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-SS111-3	F-SS111-3	F-SS111-4	F-SS111-4	F-SS111-5	F-SS111-5	F-SS111-6
			Sample Date	12/4/1993	12/4/1993	12/4/1993	12/4/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1
			Sample ID	SS111-3B(0.5-1)	SS111-3A(0-0.5)	SS111-4B(0.5-1)	SS111-4A(0-0.5)	SS111-5B(0.5-1)	SS111-5A(0-0.5)	SS111-6B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.922 U		< 0.922 U		< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.504 U		< 0.504 U		< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 2 U		< 2 U		< 2 U	
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.34 U		< 0.34 U		< 0.34 U	
HMX	2691-41-0	mg/kg	(1)		< 2 U		< 2 U		< 2 U	
Nitrobenzene	98-95-3	mg/kg	(1)		< 1.8 U		< 1.8 U		< 1.14 U	
Nitrobenzene	98-95-3	mg/kg	(2)		< 1.14 U		< 1.14 U		< 1.8 U	
Nitrocellulose	9004-70-0	mg/kg	(1)		284		295		53.8	
Nitroglycerin	55-63-0	mg/kg	(1)		52.6		< 0.51 U		< 0.51 UJ	
PETN	78-11-5	mg/kg	(1)		< 1 U		< 1 U		< 1 UJ	
RDX	121-82-4	mg/kg	(1)		< 1.28 U		< 1.28 U		< 1.28 U	
Tetryl	479-45-8	mg/kg	(1)		< 2.11 U		< 2.11 U		< 2.11 U	
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 2.5 U		2.3		< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		< 1.4 U		4.03		< 2.5 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.32 U		< 2 U		< 2 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 2 U		< 0.32 U		< 0.32 U	
Metals										
Aluminum	7429-90-5	mg/kg	(1)		20900		17400		13800	
Antimony	7440-36-0	mg/kg	(1)		< 0.5 U		1.24		6.73	
Arsenic	7440-38-2	mg/kg	(1)		6.51		3.35		3.37	
Barium	7440-39-3	mg/kg	(1)		113		88.4		181	
Beryllium	7440-41-7	mg/kg	(1)		2.17		0.67		0.98	
Cadmium	7440-43-9	mg/kg	(1)		2.95		2.97		< 1.2 U	
Calcium	7440-70-2	mg/kg	(1)		3640		5960		8620	
Chromium	7440-47-3	mg/kg	(1)		42.9		23.8		17.9	
Cobalt	7440-48-4	mg/kg	(1)		13.8		19.3		8.61	
Copper	7440-50-8	mg/kg	(1)		79.4		67.7		48.3	
Iron	7439-89-6	mg/kg	(1)		44700		47700		27500	
Lead	7439-92-1	mg/kg	(1)		163		143		520	
Magnesium	7439-95-4	mg/kg	(1)		3430		4570		3240	
Manganese	7439-96-5	mg/kg	(1)		774		490		447	
Mercury	7439-97-6	mg/kg	(1)		24 D		0.32		0.32	
Nickel	7440-02-0	mg/kg	(1)		20.3		19.5		13.8	
Potassium	7440-09-7	mg/kg	(1)		1190		2220		613	
Selenium	7782-49-2	mg/kg	(1)		< 0.449 U		< 0.449 U		< 0.449 U	
Silver	7440-22-4	mg/kg	(1)		< 0.803 U		< 0.803 U		< 0.803 U	
Sodium	7440-23-5	mg/kg	(1)		125		142		141	
Thallium	7440-28-0	mg/kg	(1)		< 34.3 U		< 34.3 U		< 34.3 U	
Vanadium	7440-62-2	mg/kg	(1)		53.5		45.2		27	
Zinc	7440-66-6	mg/kg	(1)		193		374		272	
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)		< 0.075 U		< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	(1)		< 0.065 U		< 0.065 U		< 0.065 U	

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-SS111-3	F-SS111-3	F-SS111-4	F-SS111-4	F-SS111-5	F-SS111-5	F-SS111-6
			Sample Date	12/4/1993	12/4/1993	12/4/1993	12/4/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1
			Sample ID	SS111-3B(0.5-1)	SS111-3A(0-0.5)	SS111-4B(0.5-1)	SS111-4A(0-0.5)	SS111-5B(0.5-1)	SS111-5A(0-0.5)	SS111-6B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.32 U		< 0.32 U		< 0.1 U	
Aroclor 1016	12674-11-2	mg/kg	(2)							
Aroclor 1221	11104-28-2	mg/kg	(1)						< 0.1 UT	
Aroclor 1232	11141-16-5	mg/kg	(1)						< 0.1 UT	
Aroclor 1242	53469-21-9	mg/kg	(1)						< 0.1 UT	
Aroclor 1248	12672-29-6	mg/kg	(1)						< 0.1 UT	
Aroclor 1254	11097-69-1	mg/kg	(1)						< 0.0479 UT	
Aroclor 1260	11096-82-5	mg/kg	(1)		< 0.79 U		< 0.79 U		0.17	
Aroclor 1260	11096-82-5	mg/kg	(2)							
Aroclor 1262	37324-23-5	mg/kg	(1)		< 6.3 U		< 6.3 U			
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)		< 0.064 U		< 0.064 U		< 0.064 U	
4,4'-DDD	72-54-8	mg/kg	(2)						< 0.27 U	
4,4'-DDE	72-55-9	mg/kg	(1)		< 0.068 U		< 0.068 U		0.48	
4,4'-DDE	72-55-9	mg/kg	(2)						< 0.068 U	
4,4'-DDT	50-29-3	mg/kg	(1)		< 0.1 U		< 0.1 U		0.01 N	
4,4'-DDT	50-29-3	mg/kg	(2)						< 0.1 U	
Aldrin	309-00-2	mg/kg	(1)		< 1.3 U		< 1.3 U		< 1.3 U	
Aldrin	309-00-2	mg/kg	(2)						< 0.14 U	
alpha-BHC	319-84-6	mg/kg	(1)		< 1.3 U		< 1.3 U		< 0.28 U	
alpha-BHC	319-84-6	mg/kg	(2)						< 1.3 U	
Atrazine	1912-24-9	mg/kg	(1)		< 0.065 U		< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	(1)		< 1.3 U		< 1.3 U		< 1.3 U	
beta-BHC	319-85-7	mg/kg	(2)						< 0.77 U	
Chlordane	57-74-9	mg/kg	(1)		< 0.68 U		< 0.68 U		< 0.0684 U	
Chlordane	57-74-9	mg/kg	(2)						< 0.68 U	
delta-BHC	319-86-8	mg/kg	(1)		< 0.21 U		< 0.21 U		< 0.85 U	
delta-BHC	319-86-8	mg/kg	(2)						< 0.21 U	
Dieldrin	60-57-1	mg/kg	(1)		< 0.079 U		< 0.079 U		0.94 N	
Dieldrin	60-57-1	mg/kg	(2)						< 0.079 U	
Endosulfan I	959-98-8	mg/kg	(1)		< 0.4 U		< 0.4 U		< 0.4 U	
Endosulfan I	959-98-8	mg/kg	(2)						< 0.1 U	
Endosulfan II	33213-65-9	mg/kg	(1)		< 2.4 U		< 2.4 U		< 2.4 U	
Endosulfan II	33213-65-9	mg/kg	(2)						0.24 N	
Endosulfan sulfate	1031-07-8	mg/kg	(1)		< 1.2 U		< 1.2 U		< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg	(2)						0.15 N	
Endrin	72-20-8	mg/kg	(1)		< 1.3 U		< 1.3 U		< 1.3 U	
Endrin	72-20-8	mg/kg	(2)						< 0.65 U	
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 1.8 U		< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg	(1)						0.07 N	
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.1 U		< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)						< 0.1 U	
Heptachlor	76-44-8	mg/kg	(1)		< 0.24 U		< 0.24 U		< 0.24 U	
Heptachlor	76-44-8	mg/kg	(2)						< 0.22 U	
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.48 U		< 0.48 U		< 0.13 U	

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-SS111-3	F-SS111-3	F-SS111-4	F-SS111-4	F-SS111-5	F-SS111-5	F-SS111-6
			Sample Date	12/4/1993	12/4/1993	12/4/1993	12/4/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1
			Sample ID	SS111-3B(0.5-1)	SS111-3A(0-0.5)	SS111-4B(0.5-1)	SS111-4A(0-0.5)	SS111-5B(0.5-1)	SS111-5A(0-0.5)	SS111-6B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Pesticides (continued)										
Heptachlor epoxide	1024-57-3	mg/kg	(2)						< 0.48 U	
Isodrin	465-73-6	mg/kg	(1)		< 0.48 U		< 0.48 U		< 0.3 U	
Isodrin	465-73-6	mg/kg	(2)						< 0.48 U	
Malathion	121-75-5	mg/kg	(1)		< 0.18 U		< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	(1)		< 0.26 U		< 0.26 U		< 0.0359 U	
Methoxychlor	72-43-5	mg/kg	(2)						< 0.26 U	
Mirex	2385-85-5	mg/kg	(1)		< 0.14 U		< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	(1)		< 1.7 U		< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)		< 0.097 U		< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)		< 0.066 U		< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)		< 0.32 U		< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	(1)		< 0.92 U		< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	(1)		< 12 U		< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg	(2)						< 0.226 U	
Vapona	62-73-7	mg/kg	(1)		< 0.068 U		< 0.068 U		< 0.068 U	
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.22 U		< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.042 U		< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)		< 0.52 U		< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.034 U		< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.49 U		< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.061 U		< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.065 U		< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 3 U		< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 4.7 U		< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	(1)		< 0.57 U		< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.24 U		< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.055 U		< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.032 U		< 0.032 U		< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.098 U		< 0.098 U		< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	(1)		< 1.1 U		< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.6 U		< 1.6 U		< 1.6 U	
3,5-Dinitroaniline	618-87-1	mg/kg	(1)		< 1.6 U		< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	(1)		< 3 U		< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 0.8 U		< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.041 U		< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.93 U		< 0.93 U		< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.17 U		< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.24 U#		< 0.24 U#		0.65 #	
4-Nitrophenol	100-02-7	mg/kg	(1)		< 3.3 U		< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	(1)		< 0.041 U		< 0.041 U		< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.033 U		< 0.033 U		< 0.033 U	

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-SS111-3	F-SS111-3	F-SS111-4	F-SS111-4	F-SS111-5	F-SS111-5	F-SS111-6
			Sample Date	12/4/1993	12/4/1993	12/4/1993	12/4/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1
			Sample ID	SS111-3B(0.5-1)	SS111-3A(0-0.5)	SS111-4B(0.5-1)	SS111-4A(0-0.5)	SS111-5B(0.5-1)	SS111-5A(0-0.5)	SS111-6B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
SVOC (continued)										
Anthracene	120-12-7	mg/kg	(1)		< 0.71 U		< 0.71 U		< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.041 U		< 0.041 U		0.48	
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 1.2 U		< 1.2 U		< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 0.31 U		< 0.31 U		1.1	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.18 U		< 0.18 U		0.42	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.13 U		< 0.13 U		< 0.13 U	
Benzyl alcohol	100-51-6	mg/kg	(1)		< 0.032 U		< 0.032 U		< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.19 U		< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.36 U		< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.44 U		< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.48 U		< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 1.8 U		< 1.8 U		< 1.8 U	
Chrysene	218-01-9	mg/kg	(1)		< 0.032 U		< 0.032 U		0.65	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.31 U		< 0.31 U		< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.38 U		< 0.38 U		< 0.38 U	
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)		< 0.57 U		< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.24 U		< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.063 U		< 0.063 U		< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 1.3 U		5.7		< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.23 U		< 0.23 U		< 0.23 U	
Fluoranthene	206-44-0	mg/kg	(1)		0.18		0.07		0.81	
Fluorene	86-73-7	mg/kg	(1)		< 0.065 U		< 0.065 U		< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.08 U		< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.97 U		< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 0.52 U		< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	(1)		< 1.8 U		< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 2.4 U		< 2.4 U		< 2.4 U	
Isophorone	78-59-1	mg/kg	(1)		< 0.39 U		< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	(1)		< 0.74 U		< 0.74 U		< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)		< 0.46 U		< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 1.1 U		< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.29 U		< 0.29 U		< 0.29 U	
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.76 U		< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	(1)		< 0.032 U		< 0.032 U		0.75	
Phenol	108-95-2	mg/kg	(1)		< 0.052 U		< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	(1)		0.35		< 0.083 U		0.91	
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U		< 0.33 U		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U		< 0.49 U		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U		< 0.27 U		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)		< 0.032 U		< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111	111
			Location ID	F-SS111-3	F-SS111-3	F-SS111-4	F-SS111-4	F-SS111-5	F-SS111-5	F-SS111-6
			Sample Date	12/4/1993	12/4/1993	12/4/1993	12/4/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5	.5 - 1
			Sample ID	SS111-3B(0.5-1)	SS111-3A(0-0.5)	SS111-4B(0.5-1)	SS111-4A(0-0.5)	SS111-5B(0.5-1)	SS111-5A(0-0.5)	SS111-6B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
VOC (continued)										
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U		< 0.53 U		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)		< 0.62 U		< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U		< 4.3 U		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U		< 0.63 U		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg	(1)	< 3.3 U		< 3.3 U		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U		< 2 U		< 2 U		< 2 U
Benzene	71-43-2	mg/kg	(1)	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg	(1)	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.26 U		< 0.26 U		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.31 U		< 0.31 U		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.64 U		< 0.64 U		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.96 U		< 0.96 U		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.25 U		< 0.25 U		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	(1)		< 0.071 U		< 0.071 U		< 0.071 U	
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.19 U		< 0.19 U		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg	(1)	< 4.4 U		< 4.4 U		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg	(1)	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.16 U		< 0.16 U		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg	(1)	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.78 U		< 0.78 U		< 0.78 U		< 0.78 U
WetChem										
% Solids	%Solid	%	(1)							
Cyanide	57-12-5	mg/kg	(1)		< 0.25 U		0.3		< 0.25 U	

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111
			Location ID	F-SS111-6	F-SS111-6	F-SS111-7	F-SS111-7	F-SS111-8	F-SS111-8
			Sample Date	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	0 - .5	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS111-6A(0-0.5)	SS111-6BD(0-1)	SS111-7B(0.5-1)	SS111-7A(0-0.5)	SS111-8B(0.5-1)	SS111-8A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U	< 0.922 U		< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U	< 0.504 U		< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U	< 2 U		< 2 U		< 2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U	< 0.34 U		< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg	(1)	< 2 U	< 2 U		< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.14 U		< 1.14 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.14 U	< 1.14 U		< 1.8 U		< 1.8 U
Nitrocellulose	9004-70-0	mg/kg	(1)	119	45.8		83.5		79
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 UJ	< 0.51 UJ		< 0.51 UJ		< 0.51 UJ
PETN	78-11-5	mg/kg	(1)	< 1 UJ	2.73 JNJ		< 1 UJ		< 1 UJ
RDX	121-82-4	mg/kg	(1)	< 1.28 U	< 1.28 U		< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U	< 2.11 U		< 2.11 U		< 2.11 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.4 U	< 1.4 U		< 1.4 U		< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 2.5 U	< 2.5 U		< 2.5 U		< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.32 U	< 2 U		< 2 U		< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 2 U	< 0.32 U		< 0.32 U		< 2 U
Metals									
Aluminum	7429-90-5	mg/kg	(1)	12600	10900		10400		12700
Antimony	7440-36-0	mg/kg	(1)	0.95	0.83		0.61		0.85
Arsenic	7440-38-2	mg/kg	(1)	7.64	6.15		9.05		4.29
Barium	7440-39-3	mg/kg	(1)	131	96		60		71.3
Beryllium	7440-41-7	mg/kg	(1)	0.98	0.93		< 0.427 U		0.74
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U	< 1.2 U		< 1.2 U		< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	12000	14600		2020		2870
Chromium	7440-47-3	mg/kg	(1)	19.5	20.1		27.1		24.6
Cobalt	7440-48-4	mg/kg	(1)	8.65	7.46		9.27		7.85
Copper	7440-50-8	mg/kg	(1)	46.6	36		26.9		28.4
Iron	7439-89-6	mg/kg	(1)	25700	21400		21800		26900
Lead	7439-92-1	mg/kg	(1)	196	90.2		129		136
Magnesium	7439-95-4	mg/kg	(1)	5880	8310		3920		2540
Manganese	7439-96-5	mg/kg	(1)	556	430		391		328
Mercury	7439-97-6	mg/kg	(1)	0.41	0.27		< 0.05 U		0.12
Nickel	7440-02-0	mg/kg	(1)	13.4	13		17.3		14.5
Potassium	7440-09-7	mg/kg	(1)	876	958		722		621
Selenium	7782-49-2	mg/kg	(1)	< 0.449 U	< 0.449 U		< 0.449 U		< 0.449 U
Silver	7440-22-4	mg/kg	(1)	< 0.803 U	< 0.803 U		< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	4320	13000		64.8		69
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U	< 34.3 U		< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	27.9	26.6		22.7		30.5
Zinc	7440-66-6	mg/kg	(1)	1380	462		86.2		197
Other									
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U	< 0.075 U		< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U		< 0.065 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111
			Location ID	F-SS111-6	F-SS111-6	F-SS111-7	F-SS111-7	F-SS111-8	F-SS111-8
			Sample Date	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	0 - .5	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS111-6A(0-0.5)	SS111-6BD(0-1)	SS111-7B(0.5-1)	SS111-7A(0-0.5)	SS111-8B(0.5-1)	SS111-8A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1016	12674-11-2	mg/kg	(2)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(2)						
Aroclor 1262	37324-23-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.064 U	< 0.064 U		< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)						
4,4'-DDE	72-55-9	mg/kg	(1)	< 0.068 U	< 0.068 U		< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)						
4,4'-DDT	50-29-3	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)						
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg	(2)						
alpha-BHC	319-84-6	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)						
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)						
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U	< 0.68 U		< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg	(2)						
delta-BHC	319-86-8	mg/kg	(1)	< 0.21 U	< 0.21 U		< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)						
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U	< 0.079 U		< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)						
Endosulfan I	959-98-8	mg/kg	(1)	< 0.4 U	< 0.4 U		< 0.4 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)						
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U	< 2.4 U		< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U	< 1.2 U		< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)						
Endrin	72-20-8	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg	(2)						
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)						
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U	< 0.48 U		< 0.48 U		< 0.48 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111
			Location ID	F-SS111-6	F-SS111-6	F-SS111-7	F-SS111-7	F-SS111-8	F-SS111-8
			Sample Date	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	0 - .5	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS111-6A(0-0.5)	SS111-6BD(0-1)	SS111-7B(0.5-1)	SS111-7A(0-0.5)	SS111-8B(0.5-1)	SS111-8A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Pesticides (continued)									
Heptachlor epoxide	1024-57-3	mg/kg	(2)						
Isodrin	465-73-6	mg/kg	(1)	< 0.48 U	< 0.48 U		< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg	(2)						
Malathion	121-75-5	mg/kg	(1)	< 0.18 U	< 0.18 U		< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U	< 0.26 U		< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)						
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U	< 0.14 U		< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	(1)	< 1.7 U	< 1.7 U		< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U	< 0.097 U		< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U	< 0.066 U		< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	(1)	< 0.92 U	< 0.92 U		< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 12 U	< 12 U		< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg	(2)						
Vapona	62-73-7	mg/kg	(1)	< 0.068 U	< 0.068 U		< 0.068 U		< 0.068 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.2 U	< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U	< 0.22 U		< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U	< 0.042 U		< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U	< 0.52 U		< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.042 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)		< 0.14 U				
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U	< 0.034 U		< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U	< 0.49 U		< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U	< 0.061 U		< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U	< 3 U		< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U	< 4.7 U		< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U	< 0.57 U		< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U	< 0.055 U		< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	0.26	0.25		< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U	< 0.098 U		< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U	< 1.1 U		< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U	< 1.6 U		< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U	< 1.6 U		< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U	< 3 U		< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U	< 0.8 U		< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U	< 0.041 U		< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U	< 0.93 U		< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U	< 0.17 U		< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#		< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U	< 3.3 U		< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	1.8	1.9		< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	0.18	0.17		< 0.033 U		< 0.033 U

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111
			Location ID	F-SS111-6	F-SS111-6	F-SS111-7	F-SS111-7	F-SS111-8	F-SS111-8
			Sample Date	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	0 - .5	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS111-6A(0-0.5)	SS111-6BD(0-1)	SS111-7B(0.5-1)	SS111-7A(0-0.5)	SS111-8B(0.5-1)	SS111-8A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
SVOC (continued)									
Anthracene	120-12-7	mg/kg	(1)	6.6	7.6		< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	14	13		0.19		0.26
Benzo(a)pyrene	50-32-8	mg/kg	(1)	9.7	11		< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	24	12		< 0.31 U		0.7
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	6.3	5.5		< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U	8.4		0.3		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U	< 0.032 U		< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U	< 0.19 U		< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U	< 0.36 U		< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U	< 0.44 U		< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	10 D	11		< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U	2.6		< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	9.7	12		0.36		0.41
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	1.6	2		< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U	0.73		< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)		< 0.2 U	< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U	< 0.57 U		< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U	< 0.063 U		< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	10 D	10 D		0.43		0.34
Fluorene	86-73-7	mg/kg	(1)	3.1	2.7		< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U	< 0.08 U		< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U	< 0.97 U		< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U	< 0.52 U		< 0.52 U		< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	6.2	5.5		< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U	< 0.39 U		< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U	< 0.74 U		< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U	< 0.46 U		< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U	< 1.1 U		< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U	< 0.29 U		< 0.29 U		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U	< 0.76 U		< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	21	18		0.51		0.25
Phenol	108-95-2	mg/kg	(1)	< 0.052 U	< 0.052 U		< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	20 D	20 JD		0.5		0.43
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.2 U	< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.33 U	< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.49 U	< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.27 U	< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U	< 0.032 U		< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.32 U	< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)		< 0.32 U	< 0.32 U		< 0.32 U	

Chemical Name	CAS No	Unit	Site Name	111	111	111	111	111	111
			Location ID	F-SS111-6	F-SS111-6	F-SS111-7	F-SS111-7	F-SS111-8	F-SS111-8
			Sample Date	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	0 - .5	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS111-6A(0-0.5)	SS111-6BD(0-1)	SS111-7B(0.5-1)	SS111-7A(0-0.5)	SS111-8B(0.5-1)	SS111-8A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
VOC (continued)									
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.53 U	< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)		< 0.2 U	< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U	< 0.62 U		< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)		< 4.3 U	< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)		< 0.5 U	< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 0.63 U	< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg	(1)		< 3.3 U	< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	(1)		< 2 U	< 2 U		< 2 U	
Benzene	71-43-2	mg/kg	(1)		< 0.1 U	< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.2 U	< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)		< 0.2 U	< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)		< 0.26 U	< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.31 U	< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.1 U	< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)		< 0.64 U	< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)		< 0.24 U	< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)		< 0.96 U	< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.25 U	< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U	< 0.071 U		< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.19 U	< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg	(1)		< 4.4 U	< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)		< 0.23 U	< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.16 U	< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg	(1)		< 0.1 U	< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg	(1)		< 0.23 U	< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.23 U	< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)		< 1.8 U	< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)		< 0.78 U	< 0.78 U		< 0.78 U	
WetChem									
% Solids	%Solid	%	(1)						
Cyanide	57-12-5	mg/kg	(1)	< 0.25 U	< 0.25 U		< 0.25 U		< 0.25 U

Historic Analytical Results for Surface Water Samples at PICA 108/Site 111

		Site Name	111	111
		Location ID	F-SW-1	F-SW-2
		Sample Date	11/17/2003	11/17/2003
		Depth Interval		
		Sample ID	FSW-1(20031117)	FSW-2(20031117)
		Sample Matrix	WS	WS
Chemical Name	**CAS No**	**Unit**		
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	< 10 UJ	< 10 UJ
2-Hexanone	591-78-6	ug/L	< 10 UJ	< 10 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 5 U
Acetone	67-64-1	ug/L	1.4 J	< 10 UJ
Acetonitrile	75-05-8	ug/L	< 20 R	< 20 R
Benzene	71-43-2	ug/L	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	< 2 U	< 2 U
Carbon disulfide	75-15-0	ug/L	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U
Styrene	100-42-5	ug/L	< 1 U	< 1 U
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	0.51 J	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U

Historical Analytical Results for Groundwater Samples at Site 122/(PICA 011)

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	122 / D-122-GW-001 / 7/24/1997 / 6 - 8 / 122GW-1(19970724) / WG /
PCBs			
Aroclor 1016	12674-11-2	ug/L	< 0.1 U
Aroclor 1221	11104-28-2	ug/L	< 0.13 U
Aroclor 1232	11141-16-5	ug/L	< 0.13 U
Aroclor 1242	53469-21-9	ug/L	< 0.13 U
Aroclor 1248	12672-29-6	ug/L	17.7
Aroclor 1254	11097-69-1	ug/L	< 0.13 U
Aroclor 1260	11096-82-5	ug/L	< 0.048 U

			Site Name	122	122	122	122
			Location ID	D-122-E1A-EB-1	D-122-E1A-SW-EA	D-122-E1A-SW-WA	D-122-E1B-EB-1
			Sample Date	2/10/2000	2/10/2000	2/10/2000	8/4/2000
			Depth Interval	0 - .5	0 - .5	0 - .5	0 - 1
			Sample ID	122-E1A-EB-1(0-0.5)	122-E1A-SW-EA(0-0.5)	122-E1A-SW-WA(0-0.5)	122-E1B-EB-1(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	CAS No	Unit				
Dioxins							
	1,2,3,4,6,7,8-Hep	35822-46-9	mg/kg				
	1,2,3,4,7,8-Hexac	39227-28-6	mg/kg				
	1,2,3,6,7,8-Hexac	57653-85-7	mg/kg				
	1,2,3,7,8,9-Hexac	19408-74-3	mg/kg				
	1,2,3,7,8-Pentach	40321-76-4	mg/kg				
	2,3,7,8-Tetrachlo	1746-01-6	mg/kg				
	Octachlorodibenz	3268-87-9	mg/kg				
	Total heptachloro	37871-00-4	mg/kg				
	Total hexachloroc	34465-46-8	mg/kg				
	Total pentachloro	36088-22-9	mg/kg				
	Total tetrachlorod	41903-57-5	mg/kg				
Explosives							
	Nitrobenzene	98-95-3	mg/kg				
Explosives / SVOC							
	2,4-Dinitrotoluene	121-14-2	mg/kg				
Furans							
	1,2,3,4,6,7,8-Hep	67562-39-4	mg/kg				
	1,2,3,4,7,8,9-Hep	55673-89-7	mg/kg				
	1,2,3,4,7,8-Hexac	70648-26-9	mg/kg				
	1,2,3,6,7,8-Hexac	57117-44-9	mg/kg				
	1,2,3,7,8,9-Hexac	72918-21-9	mg/kg				
	1,2,3,7,8-Pentach	57117-41-6	mg/kg				
	2,3,4,6,7,8-Hexac	60851-34-5	mg/kg				
	2,3,4,7,8-Pentach	57117-31-4	mg/kg				
	2,3,7,8-Tetrachlo	51207-31-9	mg/kg				
	Octachlorodibenz	39001-02-0	mg/kg				
	Total heptachloro	38998-75-3	mg/kg				
	Total hexachloroc	55684-94-1	mg/kg				
	Total pentachloro	30402-15-4	mg/kg				
	Total tetrachlorod	30402-14-3	mg/kg				
Herbicide							
	2,4,5-TP (Silvex)	93-72-1	mg/kg				
	2,4-Dichlorophen	94-75-7	mg/kg				

			Site Name	122	122	122	122
			Location ID	D-122-E1A-EB-1	D-122-E1A-SW-EA	D-122-E1A-SW-WA	D-122-E1B-EB-1
			Sample Date	2/10/2000	2/10/2000	2/10/2000	8/4/2000
			Depth Interval	0 - .5	0 - .5	0 - .5	0 - 1
			Sample ID	122-E1A-EB-1(0-0.5)	122-E1A-SW-EA(0-0.5)	122-E1A-SW-WA(0-0.5)	122-E1B-EB-1(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	**CAS No**	**Unit**				
Metals							
	Aluminum	7429-90-5	mg/kg				
	Antimony	7440-36-0	mg/kg				
	Arsenic	7440-38-2	mg/kg				
	Barium	7440-39-3	mg/kg				
	Beryllium	7440-41-7	mg/kg				
	Boron	7440-42-8	mg/kg				
	Cadmium	7440-43-9	mg/kg				
	Calcium	7440-70-2	mg/kg				
	Chromium	7440-47-3	mg/kg				
	Cobalt	7440-48-4	mg/kg				
	Copper	7440-50-8	mg/kg				
	Iron	7439-89-6	mg/kg				
	Lead	7439-92-1	mg/kg				
	Magnesium	7439-95-4	mg/kg				
	Manganese	7439-96-5	mg/kg				
	Mercury	7439-97-6	mg/kg				
	Nickel	7440-02-0	mg/kg				
	Potassium	7440-09-7	mg/kg				
	Selenium	7782-49-2	mg/kg				
	Silver	7440-22-4	mg/kg				
	Sodium	7440-23-5	mg/kg				
	Thallium	7440-28-0	mg/kg				
	Titanium	7440-32-6	mg/kg				
	Vanadium	7440-62-2	mg/kg				
	Zinc	7440-66-6	mg/kg				
Other							
	Corrositivity	CORR	No Unit				
PCBs							
	Aroclor 1016	12674-11-2	mg/kg	< 0.21 UD	< 0.12 U	< 0.12 U	< 0.87 UD
	Aroclor 1221	11104-28-2	mg/kg	< 0.21 UD	< 0.12 U	< 0.12 U	< 0.87 UD
	Aroclor 1232	11141-16-5	mg/kg	< 0.21 UD	< 0.12 U	< 0.12 U	< 0.87 UD
	Aroclor 1242	53469-21-9	mg/kg	< 0.21 UD	< 0.12 U	< 0.12 U	< 0.87 UD
	Aroclor 1248	12672-29-6	mg/kg	2.3 D	< 0.12 U	< 0.12 U	7.4 D
	Aroclor 1254	11097-69-1	mg/kg	< 0.21 UD	1.6	1.6	< 0.87 UD
	Aroclor 1260	11096-82-5	mg/kg	< 0.21 UD	< 0.12 U	< 0.12 U	< 0.87 UD

			Site Name	122	122	122	122
			Location ID	D-122-E1A-EB-1	D-122-E1A-SW-EA	D-122-E1A-SW-WA	D-122-E1B-EB-1
			Sample Date	2/10/2000	2/10/2000	2/10/2000	8/4/2000
			Depth Interval	0 - .5	0 - .5	0 - .5	0 - 1
			Sample ID	122-E1A-EB-1(0-0.5)	122-E1A-SW-EA(0-0.5)	122-E1A-SW-WA(0-0.5)	122-E1B-EB-1(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	CAS No	Unit				
Pesticides							
	4,4'-DDD	72-54-8	mg/kg				
	4,4'-DDE	72-55-9	mg/kg				
	4,4'-DDT	50-29-3	mg/kg				
	Aldrin	309-00-2	mg/kg				
	alpha-BHC	319-84-6	mg/kg				
	alpha-Chlordane	5103-71-9	mg/kg				
	beta-BHC	319-85-7	mg/kg				
	Chlordane	57-74-9	mg/kg				
	delta-BHC	319-86-8	mg/kg				
	Diazinon	333-41-5	mg/kg				
	Dieldrin	60-57-1	mg/kg				
	Endosulfan I	959-98-8	mg/kg				
	Endosulfan II	33213-65-9	mg/kg				
	Endosulfan sulfat	1031-07-8	mg/kg				
	Endrin	72-20-8	mg/kg				
	Endrin aldehyde	7421-93-4	mg/kg				
	Endrin ketone	53494-70-5	mg/kg				
	gamma-BHC (Lin	58-89-9	mg/kg				
	gamma-Chlordan	5103-74-2	mg/kg				
	Heptachlor	76-44-8	mg/kg				
	Heptachlor epoxi	1024-57-3	mg/kg				
	Malathion	121-75-5	mg/kg				
	Methoxychlor	72-43-5	mg/kg				
	Toxaphene	8001-35-2	mg/kg				
SVOC							
	1,4-Dichlorobenz	106-46-7	mg/kg				
	2,4,5-Trichlorophe	95-95-4	mg/kg				
	2,4,6-Trichlorophe	88-06-2	mg/kg				
	2-Methylphenol	95-48-7	mg/kg				
	4-Methylphenol	106-44-5	mg/kg				
	Acenaphthene	83-32-9	mg/kg				
	Acenaphthylene	208-96-8	mg/kg				
	Anthracene	120-12-7	mg/kg				
	Benz(a)anthracer	56-55-3	mg/kg				
	Benzo(a)pyrene	50-32-8	mg/kg				
	Benzo(b)fluoranth	205-99-2	mg/kg				
	Benzo(g,h,i)peryle	191-24-2	mg/kg				
	Benzo(k)fluoranth	207-08-9	mg/kg				
	Chrysene	218-01-9	mg/kg				
	Dibenz(a,h)anthra	53-70-3	mg/kg				

			Site Name	122	122	122	122
			Location ID	D-122-E1A-EB-1	D-122-E1A-SW-EA	D-122-E1A-SW-WA	D-122-E1B-EB-1
			Sample Date	2/10/2000	2/10/2000	2/10/2000	8/4/2000
			Depth Interval	0 - .5	0 - .5	0 - .5	0 - 1
			Sample ID	122-E1A-EB-1(0-0.5)	122-E1A-SW-EA(0-0.5)	122-E1A-SW-WA(0-0.5)	122-E1B-EB-1(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	**CAS No**	**Unit**				
	Fluoranthene	206-44-0	mg/kg				
	Fluorene	86-73-7	mg/kg				
	Hexachlorobenze	118-74-1	mg/kg				
	Hexachlorobutadi	87-68-3	mg/kg				
	Hexachloroethan	67-72-1	mg/kg				
	Indeno(1,2,3-c,d)	193-39-5	mg/kg				
	Naphthalene	91-20-3	mg/kg				
	Pentachlorophen	87-86-5	mg/kg				
	Phenanthrene	85-01-8	mg/kg				
	Pyrene	129-00-0	mg/kg				
	Pyridine	110-86-1	mg/kg				
TPH							
	Oil & grease	OILGREASE	mg/kg				
	Total Petroleum H	TPH	mg/kg				
VOC							
	1,1-Dichloroether	75-35-4	mg/kg				
	1,2-Dichloroethar	107-06-2	mg/kg				
	2-Butanone	78-93-3	mg/kg				
	Benzene	71-43-2	mg/kg				
	Carbon tetrachlor	56-23-5	mg/kg				
	Chlorobenzene	108-90-7	mg/kg				
	Chloroform	67-66-3	mg/kg				
	Tetrachloroethen	127-18-4	mg/kg				
	Trichloroethene	79-01-6	mg/kg				
	Vinyl chloride	75-01-4	mg/kg				
WetChem							
	% Solids	%Solid	%	77.6	26.5	26.6	76.2
	Cyanide	57-12-5	mg/kg				
	Reactivity Cyanid	REACTCN	mg/kg				
	Reactivity Sulfide	REACTSU	mg/kg				

			Site Name	122	122	122	122
			Location ID	D-122-E1B-SW-EA	D-122-E1B-SW-WA	D-122-SD-E101CS	D-B-SB-SD-33
			Sample Date	8/4/2000	8/4/2000	1/3/2000	3/11/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122-E1B-SW-EA(0-1)	122-E1B-SW-WA(0-1)	122SD-E101CS(0-1)	BSBSD-33(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	CAS No	Unit				
Dioxins							
	1,2,3,4,6,7,8-Hep	35822-46-9	mg/kg				< 0.115 U
	1,2,3,4,7,8-Hexac	39227-28-6	mg/kg				< 0.0755 U
	1,2,3,6,7,8-Hexac	57653-85-7	mg/kg				< 0.0647 U
	1,2,3,7,8,9-Hexac	19408-74-3	mg/kg				< 0.0687 U
	1,2,3,7,8-Pentach	40321-76-4	mg/kg				< 0.0499 U
	2,3,7,8-Tetrachlo	1746-01-6	mg/kg				< 0.093 U
	Octachlorodibenz	3268-87-9	mg/kg				0.12 J
	Total heptachloro	37871-00-4	mg/kg				0.02 J
	Total hexachloroc	34465-46-8	mg/kg				< 0.0701 U
	Total pentachloro	36088-22-9	mg/kg				0.07 J
	Total tetrachlorod	41903-57-5	mg/kg				< 0.093 U
Explosives							
	Nitrobenzene	98-95-3	mg/kg			< 50 U	
Explosives / SVOC							
	2,4-Dinitrotoluene	121-14-2	mg/kg			< 50 U	
Furans							
	1,2,3,4,6,7,8-Hep	67562-39-4	mg/kg				< 0.115 U
	1,2,3,4,7,8,9-Hep	55673-89-7	mg/kg				< 0.129 U
	1,2,3,4,7,8-Hexac	70648-26-9	mg/kg				< 0.0647 U
	1,2,3,6,7,8-Hexac	57117-44-9	mg/kg				< 0.058 U
	1,2,3,7,8,9-Hexac	72918-21-9	mg/kg				< 0.0701 U
	1,2,3,7,8-Pentach	57117-41-6	mg/kg				< 0.189 U
	2,3,4,6,7,8-Hexac	60851-34-5	mg/kg				< 0.0647 U
	2,3,4,7,8-Pentach	57117-31-4	mg/kg				< 0.175 U
	2,3,7,8-Tetrachlo	51207-31-9	mg/kg				< 0.0876 U
	Octachlorodibenz	39001-02-0	mg/kg				< 0.135 U
	Total heptachloro	38998-75-3	mg/kg				< 0.121 U
	Total hexachloroc	55684-94-1	mg/kg				< 0.0647 U
	Total pentachloro	30402-15-4	mg/kg				< 0.175 U
	Total tetrachlorod	30402-14-3	mg/kg				< 0.0876 U
Herbicide							
	2,4,5-TP (Silvex)	93-72-1	mg/kg			< 100 U	
	2,4-Dichlorophen	94-75-7	mg/kg			< 500 U	

			Site Name	122	122	122	122
			Location ID	D-122-E1B-SW-EA	D-122-E1B-SW-WA	D-122-SD-E101CS	D-B-SB-SD-33
			Sample Date	8/4/2000	8/4/2000	1/3/2000	3/11/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122-E1B-SW-EA(0-1)	122-E1B-SW-WA(0-1)	122SD-E101CS(0-1)	BSBSD-33(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	CAS No	Unit				
Metals							
	Aluminum	7429-90-5	mg/kg				5110 J
	Antimony	7440-36-0	mg/kg				0.56 J
	Arsenic	7440-38-2	mg/kg			12	5.26
	Barium	7440-39-3	mg/kg			< 10000 U	50.7
	Beryllium	7440-41-7	mg/kg				0.35 J
	Boron	7440-42-8	mg/kg				< 27 U
	Cadmium	7440-43-9	mg/kg			78	57.7 J
	Calcium	7440-70-2	mg/kg				1790
	Chromium	7440-47-3	mg/kg			36	953 J
	Cobalt	7440-48-4	mg/kg				6.87
	Copper	7440-50-8	mg/kg				349 J
	Iron	7439-89-6	mg/kg				16600 J
	Lead	7439-92-1	mg/kg			260	168 J
	Magnesium	7439-95-4	mg/kg				1770
	Manganese	7439-96-5	mg/kg				122 J
	Mercury	7439-97-6	mg/kg			< 2 U	2.16 J
	Nickel	7440-02-0	mg/kg				27.1
	Potassium	7440-09-7	mg/kg				476 J
	Selenium	7782-49-2	mg/kg			< 5 U	< 0.674 U
	Silver	7440-22-4	mg/kg			< 5 U	2.43
	Sodium	7440-23-5	mg/kg				142 J
	Thallium	7440-28-0	mg/kg				< 1.35 U
	Titanium	7440-32-6	mg/kg				222 J
	Vanadium	7440-62-2	mg/kg				18.7 J
	Zinc	7440-66-6	mg/kg				349 J
Other							
	Corrositivity	CORR	No Unit			9.1	
PCBs							
	Aroclor 1016	12674-11-2	mg/kg	< 0.43 UD	< 3.1 UD		< 0.445 UD
	Aroclor 1221	11104-28-2	mg/kg	< 0.43 UD	< 3.1 UD		< 0.445 UD
	Aroclor 1232	11141-16-5	mg/kg	< 0.43 UD	< 3.1 UD		< 0.445 UD
	Aroclor 1242	53469-21-9	mg/kg	< 0.43 UD	< 3.1 UD		< 0.445 UD
	Aroclor 1248	12672-29-6	mg/kg	1.3 D	27 D		4.45 D
	Aroclor 1254	11097-69-1	mg/kg	< 0.43 UD	< 3.1 UD		3.37 D
	Aroclor 1260	11096-82-5	mg/kg	0.52 D	< 3.1 UD		< 0.445 UD

			Site Name	122	122	122	122
			Location ID	D-122-E1B-SW-EA	D-122-E1B-SW-WA	D-122-SD-E101CS	D-B-SB-SD-33
			Sample Date	8/4/2000	8/4/2000	1/3/2000	3/11/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122-E1B-SW-EA(0-1)	122-E1B-SW-WA(0-1)	122SD-E101CS(0-1)	BSBSD-33(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	CAS No	Unit				
Pesticides							
	4,4'-DDD	72-54-8	mg/kg				0.2 DNJ
	4,4'-DDE	72-55-9	mg/kg				0.11 DNJ
	4,4'-DDT	50-29-3	mg/kg				< 0.115 UD
	Aldrin	309-00-2	mg/kg				< 0.0458 UD
	alpha-BHC	319-84-6	mg/kg				< 0.0458 UD
	alpha-Chlordane	5103-71-9	mg/kg				< 0.0458 UD
	beta-BHC	319-85-7	mg/kg				< 0.0458 UD
	Chlordane	57-74-9	mg/kg			< 5 U	
	delta-BHC	319-86-8	mg/kg				< 0.0458 UD
	Diazinon	333-41-5	mg/kg				< 0.889 UD
	Dieldrin	60-57-1	mg/kg				0.06 DNJ
	Endosulfan I	959-98-8	mg/kg				< 0.0458 UD
	Endosulfan II	33213-65-9	mg/kg				< 0.0458 UJD
	Endosulfan sulfat	1031-07-8	mg/kg				< 0.0458 UD
	Endrin	72-20-8	mg/kg			< 0.5 U	0.04 DNJ
	Endrin aldehyde	7421-93-4	mg/kg				< 0.0458 UD
	Endrin ketone	53494-70-5	mg/kg				< 0.0458 UD
	gamma-BHC (Lin	58-89-9	mg/kg			< 0.5 U	< 0.0458 UD
	gamma-Chlordan	5103-74-2	mg/kg				0.05 DNJ
	Heptachlor	76-44-8	mg/kg			< 0.5 U	0.01 DNJ
	Heptachlor epoxi	1024-57-3	mg/kg			< 0.5 U	< 0.0458 UD
	Malathion	121-75-5	mg/kg				< 0.889 UD
	Methoxychlor	72-43-5	mg/kg			< 1 U	< 0.0889 UJD
	Toxaphene	8001-35-2	mg/kg			< 20 U	< 1.75 UD
SVOC							
	1,4-Dichlorobenz	106-46-7	mg/kg			< 50 U	
	2,4,5-Trichlorophe	95-95-4	mg/kg			< 50 U	
	2,4,6-Trichlorophe	88-06-2	mg/kg			< 50 U	
	2-Methylphenol	95-48-7	mg/kg			< 50 U	
	4-Methylphenol	106-44-5	mg/kg			< 100 U#	
	Acenaphthene	83-32-9	mg/kg				< 8.89 UD
	Acenaphthylene	208-96-8	mg/kg				< 8.89 UD
	Anthracene	120-12-7	mg/kg				< 8.89 UD
	Benz(a)anthracer	56-55-3	mg/kg				< 8.89 UD
	Benzo(a)pyrene	50-32-8	mg/kg				< 8.89 UD
	Benzo(b)fluoranth	205-99-2	mg/kg				< 8.89 UD
	Benzo(g,h,i)peryl	191-24-2	mg/kg				< 8.89 UD
	Benzo(k)fluoranth	207-08-9	mg/kg				< 8.89 UD
	Chrysene	218-01-9	mg/kg				< 8.89 UD
	Dibenz(a,h)anthra	53-70-3	mg/kg				< 8.89 UD

			Site Name	122	122	122	122
			Location ID	D-122-E1B-SW-EA	D-122-E1B-SW-WA	D-122-SD-E101CS	D-B-SB-SD-33
			Sample Date	8/4/2000	8/4/2000	1/3/2000	3/11/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122-E1B-SW-EA(0-1)	122-E1B-SW-WA(0-1)	122SD-E101CS(0-1)	BSBSD-33(0-1)
			Sample Matrix	SE	SE	SE	SE
	Chemical Name	**CAS No**	**Unit**				
	Fluoranthene	206-44-0	mg/kg				< 8.89 UD
	Fluorene	86-73-7	mg/kg				< 8.89 UD
	Hexachlorobenze	118-74-1	mg/kg			< 50 U	
	Hexachlorobutadi	87-68-3	mg/kg			< 50 U	
	Hexachloroethane	67-72-1	mg/kg			< 50 U	
	Indeno(1,2,3-c,d)p	193-39-5	mg/kg				< 8.89 UD
	Naphthalene	91-20-3	mg/kg				< 8.89 UD
	Pentachlorophen	87-86-5	mg/kg			< 100 U	
	Phenanthrene	85-01-8	mg/kg				< 8.89 UD
	Pyrene	129-00-0	mg/kg				< 8.89 UD
	Pyridine	110-86-1	mg/kg			< 100 U	
TPH							
	Oil & grease	OILGREASE	mg/kg			819	
	Total Petroleum H	TPH	mg/kg			1600 D	
VOC							
	1,1-Dichloroethen	75-35-4	mg/kg			< 70 U	
	1,2-Dichloroethan	107-06-2	mg/kg			< 25 U	
	2-Butanone	78-93-3	mg/kg			< 20000 U	
	Benzene	71-43-2	mg/kg			< 25 U	
	Carbon tetrachlor	56-23-5	mg/kg			< 25 U	
	Chlorobenzene	108-90-7	mg/kg			< 25 U	
	Chloroform	67-66-3	mg/kg			< 25 U	
	Tetrachloroethene	127-18-4	mg/kg			< 70 U	
	Trichloroethene	79-01-6	mg/kg			< 50 U	
	Vinyl chloride	75-01-4	mg/kg			< 50 U	
WetChem							
	% Solids	%Solid	%	38.6	53.6	74.5	74.2
	Cyanide	57-12-5	mg/kg				13.2 D
	Reactivity Cyanid	REACTCN	mg/kg			< 270 U	
	Reactivity Sulfide	REACTSU	mg/kg			< 270 U	

Chemical Name	CAS No	Unit	Site Name: 122	122	122	122	122	122	122
			Location ID: D-122 DISPOSALSAMPLE	D-122-2D5	D-122-2D9	D-122-E1A-EB-2	D-122-E1A-SW-EB(B)	D-122-E1A-SW-WB(C)	D-122-E1B-SW-EB
			Sample Date: 2/11/2000	3/1/2000	3/1/2000	2/18/2000	2/23/2000	2/24/2000	2/17/2000
			Depth Interval: 2 - 3	2 - 2.5	2 - 2.5	2 - 2.5	0 - .5	0 - .5	3 - 3.5
			Sample ID: 122 DISPOSAL SAMPLE(2-3)	122-2D5(2-2.5)	122-2D9(2-2.5)	122-E1A-EB-2(2-2.5)	122-E1A-SW-EB(B)(0-0.5)	122-E1A-SW-WB(C)(0-0.5)	122-E1B-SW-EB(3-3.5)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg							
1,3-Dinitrobenzene	99-65-0	mg/kg							
2,4,6-Trinitrotoluene	118-96-7	mg/kg							
3-Nitrotoluene	99-08-1	mg/kg							
HMX	2691-41-0	mg/kg							
Nitrobenzene	98-95-3	mg/kg	< 0.39 U						
Nitrobenzene	98-95-3	mg/kg							
Nitrocellulose	9004-70-0	mg/kg							
Nitroglycerin	55-63-0	mg/kg							
PETN	78-11-5	mg/kg							
RDX	121-82-4	mg/kg							
Tetryl	479-45-8	mg/kg							
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.39 U						
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.39 U						
2,6-Dinitrotoluene	606-20-2	mg/kg							
Herbicide									
2,4,5-TP (Silvex)	93-72-1	mg/kg							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg							
Metals									
Aluminum	7429-90-5	mg/kg							
Antimony	7440-36-0	mg/kg							
Arsenic	7440-38-2	mg/kg							
Barium	7440-39-3	mg/kg							
Beryllium	7440-41-7	mg/kg							
Cadmium	7440-43-9	mg/kg							
Calcium	7440-70-2	mg/kg							
Chromium	7440-47-3	mg/kg							
Cobalt	7440-48-4	mg/kg							
Copper	7440-50-8	mg/kg							
Iron	7439-89-6	mg/kg							
Lead	7439-92-1	mg/kg							
Magnesium	7439-95-4	mg/kg							
Manganese	7439-96-5	mg/kg							
Mercury	7439-97-6	mg/kg							
Nickel	7440-02-0	mg/kg							
Potassium	7440-09-7	mg/kg							
Selenium	7782-49-2	mg/kg							
Silver	7440-22-4	mg/kg							
Sodium	7440-23-5	mg/kg							
Thallium	7440-28-0	mg/kg							
Vanadium	7440-62-2	mg/kg							
Zinc	7440-66-6	mg/kg							

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122
		Location ID	D-122 DISPOSALSAMPLE	D-122-2D5	D-122-2D9	D-122-E1A-EB-2	D-122-E1A-SW-EB(B)	D-122-E1A-SW-WB(C)	D-122-E1B-SW-EB
		Sample Date	2/11/2000	3/1/2000	3/1/2000	2/18/2000	2/23/2000	2/24/2000	2/17/2000
		Depth Interval	2 - 3	2 - 2.5	2 - 2.5	2 - 2.5	0 - .5	0 - .5	3 - 3.5
		Sample ID	122 DISPOSAL SAMPLE(2-3)	122-2D5(2-2.5)	122-2D9(2-2.5)	122-E1A-EB-2(2-2.5)	122-E1A-SW-EB(B)(0-0.5)	122-E1A-SW-WB(C)(0-0.5)	122-E1B-SW-EB(3-3.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Other									
1,4-Oxathiane	15980-15-1	mg/kg							
Corrositivity	CORR	No Unit							
Dithiane	51330-42-8	mg/kg							
PCBs									
Aroclor 1016	12674-11-2	mg/kg		< 0.19 UD	< 4.1 UD	< 0.22 UD	< 0.04 U	< 0.19 UD	< 0.042 U
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg		< 0.19 UD	< 4.1 UD	< 0.22 UD	< 0.04 U	< 0.19 UD	< 0.042 U
Aroclor 1232	11141-16-5	mg/kg		< 0.19 UD	< 4.1 UD	< 0.22 UD	< 0.04 U	< 0.19 UD	< 0.042 U
Aroclor 1242	53469-21-9	mg/kg		< 0.19 UD	< 4.1 UD	< 0.22 UD	< 0.04 U	< 0.19 UD	< 0.042 U
Aroclor 1248	12672-29-6	mg/kg		1.5 D	64 D	0.58 D	0.11	0.79 D	< 0.042 U
Aroclor 1254	11097-69-1	mg/kg		< 0.19 UD	< 4.1 UD	< 0.22 UD	< 0.04 U	< 0.19 UD	0.41
Aroclor 1260	11096-82-5	mg/kg		< 0.19 UJD	< 4.1 UJD	< 0.22 UD	< 0.04 U	< 0.19 UD	< 0.042 U
Aroclor 1260	11096-82-5	mg/kg							
Aroclor 1262	37324-23-5	mg/kg							
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg							
Pesticides									
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-Chlordane	5103-71-9	mg/kg							
Atrazine	1912-24-9	mg/kg							
beta-BHC	319-85-7	mg/kg							
beta-BHC	319-85-7	mg/kg							
Chlordane	57-74-9	mg/kg							
Chlordane	57-74-9	mg/kg							
delta-BHC	319-86-8	mg/kg							
delta-BHC	319-86-8	mg/kg							
Diazinon	333-41-5	mg/kg							
Dieldrin	60-57-1	mg/kg							
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin aldehyde	7421-93-4	mg/kg							
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-Chlordane	5103-74-2	mg/kg							
Heptachlor	76-44-8	mg/kg							

		Site Name	122	122	122	122	122	122	122
		Location ID	D-122 DISPOSALSAMPLE	D-122-2D5	D-122-2D9	D-122-E1A-EB-2	D-122-E1A-SW-EB(B)	D-122-E1A-SW-WB(C)	D-122-E1B-SW-EB
		Sample Date	2/11/2000	3/1/2000	3/1/2000	2/18/2000	2/23/2000	2/24/2000	2/17/2000
		Depth Interval	2 - 3	2 - 2.5	2 - 2.5	2 - 2.5	0 - .5	0 - .5	3 - 3.5
		Sample ID	122 DISPOSAL SAMPLE(2-3)	122-2D5(2-2.5)	122-2D9(2-2.5)	122-E1A-EB-2(2-2.5)	122-E1A-SW-EB(B)(0-0.5)	122-E1A-SW-WB(C)(0-0.5)	122-E1B-SW-EB(3-3.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Heptachlor	76-44-8	mg/kg							
Heptachlor epoxide	1024-57-3	mg/kg							
Heptachlor epoxide	1024-57-3	mg/kg							
Isodrin	465-73-6	mg/kg							
Isodrin	465-73-6	mg/kg							
Malathion	121-75-5	mg/kg							
Methoxychlor	72-43-5	mg/kg							
Methoxychlor	72-43-5	mg/kg							
Mirex	2385-85-5	mg/kg							
Parathion	56-38-2	mg/kg							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg							
Supona	470-90-6	mg/kg							
Toxaphene	8001-35-2	mg/kg							
Toxaphene	8001-35-2	mg/kg							
Vapona	62-73-7	mg/kg							
Radiological									
Cesium-134	13967-70-9	pCi/g							
Cesium-137	10045-97-3	pCi/g							
Cobalt-60	10198-40-0	pCi/g							
Gross Alpha	12587-46-1	pCi/g							
Gross beta	12587-47-2	pCi/g							
Zinc-65	13982-39-3	pCi/g							
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.74 U						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.39 U						
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.39 U						
1,2-Diphenylhydrazine	122-66-7	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.39 U						
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.39 U						
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.39 U						
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.39 U						
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.39 U						
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.39 U						
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.9 U						
2,6-Dinitroaniline	606-22-4	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg	< 0.39 U						
2-Chlorophenol	95-57-8	mg/kg	< 0.39 U						
2-Methylnaphthalene	91-57-6	mg/kg	< 0.39 U						
2-Methylphenol	95-48-7	mg/kg	< 0.39 U						
2-Nitroaniline	88-74-4	mg/kg	< 1.9 U						
2-Nitrophenol	88-75-5	mg/kg	< 0.39 U						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.9 U						
3,5-Dinitroaniline	618-87-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg	< 1.9 U						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 1.9 U						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.39 U						
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.39 U						
4-Chloroaniline	106-47-8	mg/kg	< 0.39 U						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.39 U						

		Site Name	122	122	122	122	122	122	122
		Location ID	D-122 DISPOSALSAMPLE	D-122-2D5	D-122-2D9	D-122-E1A-EB-2	D-122-E1A-SW-EB(B)	D-122-E1A-SW-WB(C)	D-122-E1B-SW-EB
		Sample Date	2/11/2000	3/1/2000	3/1/2000	2/18/2000	2/23/2000	2/24/2000	2/17/2000
		Depth Interval	2 - 3	2 - 2.5	2 - 2.5	2 - 2.5	0 - .5	0 - .5	3 - 3.5
		Sample ID	122 DISPOSAL SAMPLE(2-3)	122-2D5(2-2.5)	122-2D9(2-2.5)	122-E1A-EB-2(2-2.5)	122-E1A-SW-EB(B)(0-0.5)	122-E1A-SW-WB(C)(0-0.5)	122-E1B-SW-EB(3-3.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
4-Methylphenol	106-44-5	mg/kg	< 0.39 U						
4-Nitroaniline	100-01-6	mg/kg	< 1.9 U						
4-Nitrophenol	100-02-7	mg/kg	< 1.9 U						
Acenaphthene	83-32-9	mg/kg	< 0.39 U						
Acenaphthylene	208-96-8	mg/kg	< 0.39 U						
Aniline	62-53-3	mg/kg	< 0.39 U						
Anthracene	120-12-7	mg/kg	< 0.39 U						
Benz(a)anthracene	56-55-3	mg/kg	< 0.39 U						
Benzo(a)pyrene	50-32-8	mg/kg	< 0.39 U						
Benzo(b)fluoranthene	205-99-2	mg/kg	0.24 J						
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.39 U						
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.39 U						
Benzyl alcohol	100-51-6	mg/kg							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.39 U						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.39 U						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.39 U						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.39 U						
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.39 U						
Carbazole	86-74-8	mg/kg	< 0.39 U						
Chrysene	218-01-9	mg/kg	< 0.39 U						
Cresols	1319-77-3	mg/kg							
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.39 U						
Dibenzofuran	132-64-9	mg/kg	< 0.39 U						
Dichlorobenzenes	25321-22-6	mg/kg							
Dicyclopentadiene	77-73-6	mg/kg							
Diethylphthalate	84-66-2	mg/kg	< 0.39 U						
Dimethylphthalate	131-11-3	mg/kg	< 0.39 U						
di-n-Butylphthalate	84-74-2	mg/kg	< 0.39 U						
di-n-Octylphthalate	117-84-0	mg/kg	< 0.39 U						
Diphenylamine	122-39-4	mg/kg	< 0.39 U						
Fluoranthene	206-44-0	mg/kg	0.75						
Fluorene	86-73-7	mg/kg	< 0.39 U						
Hexachlorobenzene	118-74-1	mg/kg	< 0.39 U						
Hexachlorobutadiene	87-68-3	mg/kg	< 0.39 U						
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 1.9 U						
Hexachloroethane	67-72-1	mg/kg	< 0.39 U						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.39 U						
Isophorone	78-59-1	mg/kg	< 0.39 U						
Naphthalene	91-20-3	mg/kg	< 0.39 U						
N-Nitrosodimethylamine	62-75-9	mg/kg							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.39 U						
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.39 U						
Pentachlorophenol	87-86-5	mg/kg	< 0.39 U						
Phenanthrene	85-01-8	mg/kg	0.09 J						
Phenol	108-95-2	mg/kg	< 0.39 U						
Pyrene	129-00-0	mg/kg	0.46						
Pyridine	110-86-1	mg/kg							
TPH									
Gasoline range organics	GRO	mg/kg	4.8 D						
Oil & grease	OILGREASE	mg/kg							
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	3300 D						
Total Petroleum Hydrocarbons	TPH	mg/kg	5300 D						

Chemical Name	CAS No	Unit	Site Name: 122 Location ID: D-122 DISPOSALSAMPLE Sample Date: 2/11/2000 Depth Interval: 2 - 3 Sample ID: 122 DISPOSAL SAMPLE(2-3) Sample Matrix: SO	122 D-122-2D5 3/1/2000 2 - 2.5 122-2D5(2-2.5) SO	122 D-122-2D9 3/1/2000 2 - 2.5 122-2D9(2-2.5) SO	122 D-122-E1A-EB-2 2/18/2000 2 - 2.5 122-E1A-EB-2(2-2.5) SO	122 D-122-E1A-SW-EB(B) 2/23/2000 0 - .5 122-E1A-SW-EB(B)(0-0.5) SO	122 D-122-E1A-SW-WB(C) 2/24/2000 0 - .5 122-E1A-SW-WB(C)(0-0.5) SO	122 D-122-E1B-SW-EB 2/17/2000 3 - 3.5 122-E1B-SW-EB(3-3.5) SO
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.74 U						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.74 U						
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.74 U						
1,1-Dichloroethane	75-34-3	mg/kg	< 0.74 U						
1,1-Dichloroethene	75-35-4	mg/kg	< 0.74 U						
1,2,3-Trichlorobenzene	87-61-6	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg	< 0.74 U						
1,2-Dichloroethene (total)	540-59-0	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg	< 0.74 U						
1,3-Dichloropropane	142-28-9	mg/kg							
2,3,6-Trichlorophenol	933-75-5	mg/kg							
2-Butanone	78-93-3	mg/kg	2.6 J						
2-Chloroethyl vinyl ether	110-75-8	mg/kg							
2-Hexanone	591-78-6	mg/kg	< 7.4 U						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 7.4 U						
Acetone	67-64-1	mg/kg	0.92 J						
Acetonitrile	75-05-8	mg/kg	< 30 U						
Acrylonitrile	107-13-1	mg/kg							
Benzene	71-43-2	mg/kg	< 0.74 U						
Bromodichloromethane	75-27-4	mg/kg	< 0.74 U						
Bromoform	75-25-2	mg/kg	< 0.74 U						
Bromomethane	74-83-9	mg/kg	< 1.5 U						
Carbon disulfide	75-15-0	mg/kg	< 0.74 U						
Carbon tetrachloride	56-23-5	mg/kg	< 0.74 U						
Chlorobenzene	108-90-7	mg/kg	< 0.74 U						
Chloroethane	75-00-3	mg/kg	< 1.5 U						
Chloroform	67-66-3	mg/kg	< 0.74 U						
Chloromethane	74-87-3	mg/kg	< 1.5 U						
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.74 U						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.74 U						
Dibromochloromethane	124-48-1	mg/kg	< 0.74 U						
Dibromochloropropane	96-12-8	mg/kg							
Dichlorodifluoromethane	75-71-8	mg/kg	< 1.5 U						
Ethyl benzene	100-41-4	mg/kg	< 0.74 U						
Methylene chloride	75-09-2	mg/kg	< 0.74 U						
m-Xylenes	108-38-3	mg/kg							
Styrene	100-42-5	mg/kg	< 0.74 U						
Tetrachloroethene	127-18-4	mg/kg	< 0.74 U						
Toluene	108-88-3	mg/kg	< 0.74 U						
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.74 U						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.74 U						
Trichloroethene	79-01-6	mg/kg	< 0.74 U						
Trichlorofluoromethane	75-69-4	mg/kg	< 0.74 U						
Vinyl chloride	75-01-4	mg/kg	< 1.5 U						
Xylenes	1330-20-7	mg/kg	< 0.74 U						
WetChem									
% Moisture	%Moist	%							
% Solids	%Solid	%	84.7	85.3	79.8	75.4	82.9	89.1	78.9
Cyanide	57-12-5	mg/kg							
Reactivity Cyanide	REACTCN	mg/kg							
Reactivity Sulfide	REACTSU	mg/kg							

Chemical Name	CAS No	Site Name	122	122	122	122	122	122
		Location ID	D-122-E1B-SW-WB(B)	D-122-E1C-EB-2	D-122-E1C-SW-NA	D-122-E1C-SW-SA	D-122-E1C-SW-WA	D-122-E1D-EB-1
		Sample Date	2/23/2000	2/17/2000	2/12/2000	2/12/2000	8/4/2000	2/10/2000
		Depth Interval	0 - 3	3 - 3.5	2 - 2.5	0 - .5	2.5 - 3.5	0 - .5
		Sample ID	122-E1B-SW-WB(B)(0-3)	122-E1C-EB-2(3-3.5)	122-E1C-SW-NA(2-2.5)	122-E1C-SW-SA(0-0.5)	122-E1C-SW-WA(2.5-3.5)	122-E1D-EB-1(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Sample Matrix Unit	Site Name: 122 Location ID: D-122-E1B-SW-WB(B) Sample Date: 2/23/2000 Depth Interval: 0 - 3 Sample ID: 122-E1B-SW-WB(B)(0-3) SO	Site Name: 122 Location ID: D-122-E1C-EB-2 Sample Date: 2/17/2000 Depth Interval: 3 - 3.5 Sample ID: 122-E1C-EB-2(3-3.5) SO	Site Name: 122 Location ID: D-122-E1C-SW-NA Sample Date: 2/12/2000 Depth Interval: 2 - 2.5 Sample ID: 122-E1C-SW-NA(2-2.5) SO	Site Name: 122 Location ID: D-122-E1C-SW-SA Sample Date: 2/12/2000 Depth Interval: 0 - .5 Sample ID: 122-E1C-SW-SA(0-0.5) SO	Site Name: 122 Location ID: D-122-E1C-SW-WA Sample Date: 8/4/2000 Depth Interval: 2.5 - 3.5 Sample ID: 122-E1C-SW-WA(2.5-3.5) SO	Site Name: 122 Location ID: D-122-E1D-EB-1 Sample Date: 2/10/2000 Depth Interval: 0 - .5 Sample ID: 122-E1D-EB-1(0-0.5) SO
Other								
1,4-Oxathiane	15980-15-1	mg/kg						
Corrositivity	CORR	No Unit						
Dithiane	51330-42-8	mg/kg						
PCBs								
Aroclor 1016	12674-11-2	mg/kg	< 0.04 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.038 U	< 0.044 U
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg	< 0.04 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.038 U	< 0.044 U
Aroclor 1232	11141-16-5	mg/kg	< 0.04 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.038 U	< 0.044 U
Aroclor 1242	53469-21-9	mg/kg	< 0.04 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.038 U	< 0.044 U
Aroclor 1248	12672-29-6	mg/kg	< 0.04 U	0.25	0.02 J	0.5	0.04	< 0.044 U
Aroclor 1254	11097-69-1	mg/kg	< 0.04 U	< 0.037 U	< 0.035 U	< 0.037 U	< 0.038 U	< 0.044 U
Aroclor 1260	11096-82-5	mg/kg	0.21	< 0.037 U	< 0.035 UJ	< 0.037 UJ	0.09	< 0.044 U
Aroclor 1260	11096-82-5	mg/kg						
Aroclor 1262	37324-23-5	mg/kg						
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg						
Pesticides								
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
Aldrin	309-00-2	mg/kg						
Aldrin	309-00-2	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-Chlordane	5103-71-9	mg/kg						
Atrazine	1912-24-9	mg/kg						
beta-BHC	319-85-7	mg/kg						
beta-BHC	319-85-7	mg/kg						
Chlordane	57-74-9	mg/kg						
Chlordane	57-74-9	mg/kg						
delta-BHC	319-86-8	mg/kg						
delta-BHC	319-86-8	mg/kg						
Diazinon	333-41-5	mg/kg						
Dieldrin	60-57-1	mg/kg						
Dieldrin	60-57-1	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin aldehyde	7421-93-4	mg/kg						
Endrin ketone	53494-70-5	mg/kg						
gamma-BHC (Lindane)	58-89-9	mg/kg						
gamma-BHC (Lindane)	58-89-9	mg/kg						
gamma-Chlordane	5103-74-2	mg/kg						
Heptachlor	76-44-8	mg/kg						

		Site Name	122	122	122	122	122	122
		Location ID	D-122-E1B-SW-WB(B)	D-122-E1C-EB-2	D-122-E1C-SW-NA	D-122-E1C-SW-SA	D-122-E1C-SW-WA	D-122-E1D-EB-1
		Sample Date	2/23/2000	2/17/2000	2/12/2000	2/12/2000	8/4/2000	2/10/2000
		Depth Interval	0 - 3	3 - 3.5	2 - 2.5	0 - .5	2.5 - 3.5	0 - .5
		Sample ID	122-E1B-SW-WB(B)(0-3)	122-E1C-EB-2(3-3.5)	122-E1C-SW-NA(2-2.5)	122-E1C-SW-SA(0-0.5)	122-E1C-SW-WA(2.5-3.5)	122-E1D-EB-1(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
Heptachlor	76-44-8	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Isodrin	465-73-6	mg/kg						
Isodrin	465-73-6	mg/kg						
Malathion	121-75-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Mirex	2385-85-5	mg/kg						
Parathion	56-38-2	mg/kg						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg						
Supona	470-90-6	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Vapona	62-73-7	mg/kg						
Radiological								
Cesium-134	13967-70-9	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross Alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Zinc-65	13982-39-3	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,2-Diphenylhydrazine	122-66-7	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,6-Dinitroaniline	606-22-4	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3,5-Dinitroaniline	618-87-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						

		Site Name	122	122	122	122	122	122
		Location ID	D-122-E1B-SW-WB(B)	D-122-E1C-EB-2	D-122-E1C-SW-NA	D-122-E1C-SW-SA	D-122-E1C-SW-WA	D-122-E1D-EB-1
		Sample Date	2/23/2000	2/17/2000	2/12/2000	2/12/2000	8/4/2000	2/10/2000
		Depth Interval	0 - 3	3 - 3.5	2 - 2.5	0 - .5	2.5 - 3.5	0 - .5
		Sample ID	122-E1B-SW-WB(B)(0-3)	122-E1C-EB-2(3-3.5)	122-E1C-SW-NA(2-2.5)	122-E1C-SW-SA(0-0.5)	122-E1C-SW-WA(2.5-3.5)	122-E1D-EB-1(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						
Benzo(a)pyrene	50-32-8	mg/kg						
Benzo(b)fluoranthene	205-99-2	mg/kg						
Benzo(g,h,i)perylene	191-24-2	mg/kg						
Benzo(k)fluoranthene	207-08-9	mg/kg						
Benzyl alcohol	100-51-6	mg/kg						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						
bis(2-Chloroethyl)ether	111-44-4	mg/kg						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						
Butylbenzyl phthalate	85-68-7	mg/kg						
Carbazole	86-74-8	mg/kg						
Chrysene	218-01-9	mg/kg						
Cresols	1319-77-3	mg/kg						
Dibenz(a,h)anthracene	53-70-3	mg/kg						
Dibenzofuran	132-64-9	mg/kg						
Dichlorobenzenes	25321-22-6	mg/kg						
Dicyclopentadiene	77-73-6	mg/kg						
Diethylphthalate	84-66-2	mg/kg						
Dimethylphthalate	131-11-3	mg/kg						
di-n-Butylphthalate	84-74-2	mg/kg						
di-n-Octylphthalate	117-84-0	mg/kg						
Diphenylamine	122-39-4	mg/kg						
Fluoranthene	206-44-0	mg/kg						
Fluorene	86-73-7	mg/kg						
Hexachlorobenzene	118-74-1	mg/kg						
Hexachlorobutadiene	87-68-3	mg/kg						
Hexachlorocyclopentadiene	77-47-4	mg/kg						
Hexachloroethane	67-72-1	mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						
Isophorone	78-59-1	mg/kg						
Naphthalene	91-20-3	mg/kg						
N-Nitrosodimethylamine	62-75-9	mg/kg						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						
n-Nitrosodiphenylamine	86-30-6	mg/kg						
Pentachlorophenol	87-86-5	mg/kg						
Phenanthrene	85-01-8	mg/kg						
Phenol	108-95-2	mg/kg						
Pyrene	129-00-0	mg/kg						
Pyridine	110-86-1	mg/kg						
TPH								
Gasoline range organics	GRO	mg/kg						
Oil & grease	OILGREASE	mg/kg						
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg						
Total Petroleum Hydrocarbons	TPH	mg/kg						

		Site Name	122	122	122	122	122	122
		Location ID	D-122-E1B-SW-WB(B)	D-122-E1C-EB-2	D-122-E1C-SW-NA	D-122-E1C-SW-SA	D-122-E1C-SW-WA	D-122-E1D-EB-1
		Sample Date	2/23/2000	2/17/2000	2/12/2000	2/12/2000	8/4/2000	2/10/2000
		Depth Interval	0 - 3	3 - 3.5	2 - 2.5	0 - .5	2.5 - 3.5	0 - .5
		Sample ID	122-E1B-SW-WB(B)(0-3)	122-E1C-EB-2(3-3.5	122-E1C-SW-NA(2-2.5)	122-E1C-SW-SA(0-0.5)	122-E1C-SW-WA(2.5-3.5)	122-E1D-EB-1(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2,3-Trichlorobenzene	87-61-6	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
1,3-Dichloropropane	142-28-9	mg/kg						
2,3,6-Trichlorophenol	933-75-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Chloroethyl vinyl ether	110-75-8	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Acrylonitrile	107-13-1	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dibromochloropropane	96-12-8	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Methylene chloride	75-09-2	mg/kg						
m-Xylenes	108-38-3	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Moisture	%Moist	%						
% Solids	%Solid	%	83.4	89.3	93.2	90.2	87	74.3
Cyanide	57-12-5	mg/kg						
Reactivity Cyanide	REACTCN	mg/kg						
Reactivity Sulfide	REACTSU	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122
		Location ID	D-122-E1D-SW-NA	D-122-E1D-SW-SA	D-122-E1D-SW-WB	D-122-E1E-EB-1	D-122-E1E-EB-2	D-122-E1E-EB-2	D-122-E1E-SW-NA
		Sample Date	2/12/2000	2/12/2000	2/12/2000	2/10/2000	2/10/2000	2/10/2000	2/10/2000
		Depth Interval	0 - .5	0 - .5	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122-E1D-SW-NA(0-0.5)	122-E1D-SW-SA(0-0.5)	122-E1D-SW-WB(0-0.5)	122-E1E-EB-1(0-1	122-E1E-EB-2DUP(0-1)	122-E1E-EB-2(0-1	122-E1E-SW-NA(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg							
1,3-Dinitrobenzene	99-65-0	mg/kg							
2,4,6-Trinitrotoluene	118-96-7	mg/kg							
3-Nitrotoluene	99-08-1	mg/kg							
HMX	2691-41-0	mg/kg							
Nitrobenzene	98-95-3	mg/kg							
Nitrobenzene	98-95-3	mg/kg							
Nitrocellulose	9004-70-0	mg/kg							
Nitroglycerin	55-63-0	mg/kg							
PETN	78-11-5	mg/kg							
RDX	121-82-4	mg/kg							
Tetryl	479-45-8	mg/kg							
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg							
Herbicide									
2,4,5-TP (Silvex)	93-72-1	mg/kg							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg							
Metals									
Aluminum	7429-90-5	mg/kg							
Antimony	7440-36-0	mg/kg							
Arsenic	7440-38-2	mg/kg							
Barium	7440-39-3	mg/kg							
Beryllium	7440-41-7	mg/kg							
Cadmium	7440-43-9	mg/kg							
Calcium	7440-70-2	mg/kg							
Chromium	7440-47-3	mg/kg							
Cobalt	7440-48-4	mg/kg							
Copper	7440-50-8	mg/kg							
Iron	7439-89-6	mg/kg							
Lead	7439-92-1	mg/kg							
Magnesium	7439-95-4	mg/kg							
Manganese	7439-96-5	mg/kg							
Mercury	7439-97-6	mg/kg							
Nickel	7440-02-0	mg/kg							
Potassium	7440-09-7	mg/kg							
Selenium	7782-49-2	mg/kg							
Silver	7440-22-4	mg/kg							
Sodium	7440-23-5	mg/kg							
Thallium	7440-28-0	mg/kg							
Vanadium	7440-62-2	mg/kg							
Zinc	7440-66-6	mg/kg							

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122
		Location ID	D-122-E1D-SW-NA	D-122-E1D-SW-SA	D-122-E1D-SW-WB	D-122-E1E-EB-1	D-122-E1E-EB-2	D-122-E1E-EB-2	D-122-E1E-SW-NA
		Sample Date	2/12/2000	2/12/2000	2/12/2000	2/10/2000	2/10/2000	2/10/2000	2/10/2000
		Depth Interval	0 - .5	0 - .5	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122-E1D-SW-NA(0-0.5)	122-E1D-SW-SA(0-0.5)	122-E1D-SW-WB(0-0.5)	122-E1E-EB-1(0-1	122-E1E-EB-2DUP(0-1)	122-E1E-EB-2(0-1	122-E1E-SW-NA(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Other									
1,4-Oxathiane	15980-15-1	mg/kg							
Corrositivity	CORR	No Unit							
Dithiane	51330-42-8	mg/kg							
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.04 U	< 0.044 U	< 0.038 U	< 0.039 U	< 0.082 UD	< 0.036 U	< 0.04 U
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg	< 0.04 U	< 0.044 U	< 0.038 U	< 0.039 U	< 0.082 UD	< 0.036 U	< 0.04 U
Aroclor 1232	11141-16-5	mg/kg	< 0.04 U	< 0.044 U	< 0.038 U	< 0.039 U	< 0.082 UD	< 0.036 U	< 0.04 U
Aroclor 1242	53469-21-9	mg/kg	< 0.04 U	< 0.044 U	< 0.038 U	< 0.039 U	< 0.082 UD	< 0.036 U	< 0.04 U
Aroclor 1248	12672-29-6	mg/kg	< 0.04 U	< 0.044 U	< 0.038 U	< 0.039 U	0.43 JD	0.07 J	< 0.04 U
Aroclor 1254	11097-69-1	mg/kg	< 0.04 U	< 0.044 U	< 0.038 U	0.1 J	< 0.082 UD	< 0.036 U	< 0.04 U
Aroclor 1260	11096-82-5	mg/kg	0.11 J	0.02 J	0.02 J	< 0.039 U	< 0.082 UD	< 0.036 U	0.03 J
Aroclor 1260	11096-82-5	mg/kg							
Aroclor 1262	37324-23-5	mg/kg							
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg							
Pesticides									
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-Chlordane	5103-71-9	mg/kg							
Atrazine	1912-24-9	mg/kg							
beta-BHC	319-85-7	mg/kg							
beta-BHC	319-85-7	mg/kg							
Chlordane	57-74-9	mg/kg							
Chlordane	57-74-9	mg/kg							
delta-BHC	319-86-8	mg/kg							
delta-BHC	319-86-8	mg/kg							
Diazinon	333-41-5	mg/kg							
Dieldrin	60-57-1	mg/kg							
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin aldehyde	7421-93-4	mg/kg							
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-Chlordane	5103-74-2	mg/kg							
Heptachlor	76-44-8	mg/kg							

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-E1D-SW-NA	2/12/2000	0 - .5	122-E1D-SW-NA(0-0.5)	SO
			122	D-122-E1D-SW-SA	2/12/2000	0 - .5	122-E1D-SW-SA(0-0.5)	SO
			122	D-122-E1D-SW-WB	2/12/2000	0 - .5	122-E1D-SW-WB(0-0.5)	SO
			122	D-122-E1E-EB-1	2/10/2000	0 - 1	122-E1E-EB-1(0-1	SO
			122	D-122-E1E-EB-2	2/10/2000	0 - 1	122-E1E-EB-2DUP(0-1)	SO
			122	D-122-E1E-EB-2	2/10/2000	0 - 1	122-E1E-EB-2(0-1	SO
			122	D-122-E1E-SW-NA	2/10/2000	0 - 1	122-E1E-SW-NA(0-1)	SO
Heptachlor	76-44-8	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Isodrin	465-73-6	mg/kg						
Isodrin	465-73-6	mg/kg						
Malathion	121-75-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Mirex	2385-85-5	mg/kg						
Parathion	56-38-2	mg/kg						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg						
Supona	470-90-6	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Vapona	62-73-7	mg/kg						
Radiological								
Cesium-134	13967-70-9	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross Alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Zinc-65	13982-39-3	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,2-Diphenylhydrazine	122-66-7	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,6-Dinitroaniline	606-22-4	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3,5-Dinitroaniline	618-87-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-E1D-SW-NA	2/12/2000	0 - .5	122-E1D-SW-NA(0-0.5)	SO
			122	D-122-E1D-SW-SA	2/12/2000	0 - .5	122-E1D-SW-SA(0-0.5)	SO
			122	D-122-E1D-SW-WB	2/12/2000	0 - .5	122-E1D-SW-WB(0-0.5)	SO
			122	D-122-E1E-EB-1	2/10/2000	0 - 1	122-E1E-EB-1(0-1	SO
			122	D-122-E1E-EB-2	2/10/2000	0 - 1	122-E1E-EB-2DUP(0-1)	SO
			122	D-122-E1E-EB-2	2/10/2000	0 - 1	122-E1E-EB-2(0-1	SO
			122	D-122-E1E-SW-NA	2/10/2000	0 - 1	122-E1E-SW-NA(0-1)	SO
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						
Benzo(a)pyrene	50-32-8	mg/kg						
Benzo(b)fluoranthene	205-99-2	mg/kg						
Benzo(g,h,i)perylene	191-24-2	mg/kg						
Benzo(k)fluoranthene	207-08-9	mg/kg						
Benzyl alcohol	100-51-6	mg/kg						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						
bis(2-Chloroethyl)ether	111-44-4	mg/kg						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						
Butylbenzyl phthalate	85-68-7	mg/kg						
Carbazole	86-74-8	mg/kg						
Chrysene	218-01-9	mg/kg						
Cresols	1319-77-3	mg/kg						
Dibenz(a,h)anthracene	53-70-3	mg/kg						
Dibenzofuran	132-64-9	mg/kg						
Dichlorobenzenes	25321-22-6	mg/kg						
Dicyclopentadiene	77-73-6	mg/kg						
Diethylphthalate	84-66-2	mg/kg						
Dimethylphthalate	131-11-3	mg/kg						
di-n-Butylphthalate	84-74-2	mg/kg						
di-n-Octylphthalate	117-84-0	mg/kg						
Diphenylamine	122-39-4	mg/kg						
Fluoranthene	206-44-0	mg/kg						
Fluorene	86-73-7	mg/kg						
Hexachlorobenzene	118-74-1	mg/kg						
Hexachlorobutadiene	87-68-3	mg/kg						
Hexachlorocyclopentadiene	77-47-4	mg/kg						
Hexachloroethane	67-72-1	mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						
Isophorone	78-59-1	mg/kg						
Naphthalene	91-20-3	mg/kg						
N-Nitrosodimethylamine	62-75-9	mg/kg						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						
n-Nitrosodiphenylamine	86-30-6	mg/kg						
Pentachlorophenol	87-86-5	mg/kg						
Phenanthrene	85-01-8	mg/kg						
Phenol	108-95-2	mg/kg						
Pyrene	129-00-0	mg/kg						
Pyridine	110-86-1	mg/kg						
TPH								
Gasoline range organics	GRO	mg/kg						
Oil & grease	OILGREASE	mg/kg						
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg						
Total Petroleum Hydrocarbons	TPH	mg/kg						

Chemical Name	CAS No	Unit	Site Name: 122	122	122	122	122	122	122
			Location ID: D-122-E1D-SW-NA	D-122-E1D-SW-SA	D-122-E1D-SW-WB	D-122-E1E-EB-1	D-122-E1E-EB-2	D-122-E1E-EB-2	D-122-E1E-SW-NA
			Sample Date: 2/12/2000	2/12/2000	2/12/2000	2/10/2000	2/10/2000	2/10/2000	2/10/2000
			Depth Interval: 0 - .5	0 - .5	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID: 122-E1D-SW-NA(0-0.5)	122-E1D-SW-SA(0-0.5)	122-E1D-SW-WB(0-0.5)	122-E1E-EB-1(0-1	122-E1E-EB-2DUP(0-1)	122-E1E-EB-2(0-1	122-E1E-SW-NA(0-1)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg							
1,1,2-Trichloroethane	79-00-5	mg/kg							
1,1-Dichloroethane	75-34-3	mg/kg							
1,1-Dichloroethene	75-35-4	mg/kg							
1,2,3-Trichlorobenzene	87-61-6	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg							
1,2-Dichloroethene (total)	540-59-0	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg							
1,3-Dichloropropane	142-28-9	mg/kg							
2,3,6-Trichlorophenol	933-75-5	mg/kg							
2-Butanone	78-93-3	mg/kg							
2-Chloroethyl vinyl ether	110-75-8	mg/kg							
2-Hexanone	591-78-6	mg/kg							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							
Acetone	67-64-1	mg/kg							
Acetonitrile	75-05-8	mg/kg							
Acrylonitrile	107-13-1	mg/kg							
Benzene	71-43-2	mg/kg							
Bromodichloromethane	75-27-4	mg/kg							
Bromoform	75-25-2	mg/kg							
Bromomethane	74-83-9	mg/kg							
Carbon disulfide	75-15-0	mg/kg							
Carbon tetrachloride	56-23-5	mg/kg							
Chlorobenzene	108-90-7	mg/kg							
Chloroethane	75-00-3	mg/kg							
Chloroform	67-66-3	mg/kg							
Chloromethane	74-87-3	mg/kg							
cis-1,2-Dichloroethene	156-59-2	mg/kg							
cis-1,3-Dichloropropene	10061-01-5	mg/kg							
Dibromochloromethane	124-48-1	mg/kg							
Dibromochloropropane	96-12-8	mg/kg							
Dichlorodifluoromethane	75-71-8	mg/kg							
Ethyl benzene	100-41-4	mg/kg							
Methylene chloride	75-09-2	mg/kg							
m-Xylenes	108-38-3	mg/kg							
Styrene	100-42-5	mg/kg							
Tetrachloroethene	127-18-4	mg/kg							
Toluene	108-88-3	mg/kg							
trans-1,2-Dichloroethene	156-60-5	mg/kg							
trans-1,3-Dichloropropene	10061-02-6	mg/kg							
Trichloroethene	79-01-6	mg/kg							
Trichlorofluoromethane	75-69-4	mg/kg							
Vinyl chloride	75-01-4	mg/kg							
Xylenes	1330-20-7	mg/kg							
WetChem									
% Moisture	%Moist	%							
% Solids	%Solid	%	81.8	75.5	87.4	85	80.2	92.4	83.3
Cyanide	57-12-5	mg/kg							
Reactivity Cyanide	REACTCN	mg/kg							
Reactivity Sulfide	REACTSU	mg/kg							

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-E1E-SW-NB	2/10/2000	0 - 1	122-E1E-SW-NB(0-1)	SO
			122	D-122-E1E-SW-NC	2/17/2000	2 - 2.5	122-E1E-SW-NC(2-2.5)	SO
			122	D-122-E1E-SW-WA	2/10/2000	0 - 1	122-E1E-SW-WA(0-1)	SO
			122	D-122-E1E-SW-WB(C)	2/23/2000	0 - 3	122-E1E-SW-WB(C)(0-3)	SO
			122	D-122-ESA-EB-1	8/4/2000	1.5 - 2	122-ESA-EB-1(1.5-2)	SO
			122	D-122-GR-001	11/20/1998	0 - 1	122GR-1(0-1)	SO
			122	D-122-GR-002	11/20/1998	0 - 1	122GR-2(0-1)	SO
			122	D-122-GR-003	11/20/1998	0 - 1	122GR-3(0-1)	SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122
		Location ID	D-122-E1E-SW-NB	D-122-E1E-SW-NC	D-122-E1E-SW-WA	D-122-E1E-SW-WB(C)	D-122-ESA-EB-1	D-122-GR-001	D-122-GR-002	D-122-GR-003
		Sample Date	2/10/2000	2/17/2000	2/10/2000	2/23/2000	8/4/2000	11/20/1998	11/20/1998	11/20/1998
		Depth Interval	0 - 1	2 - 2.5	0 - 1	0 - 3	1.5 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	122-E1E-SW-NB(0-1)	122-E1E-SW-NC(2-2.5)	122-E1E-SW-WA(0-1)	122-E1E-SW-WB(C)(0-3)	122-ESA-EB-1(1.5-2)	122GR-1(0-1)	122GR-2(0-1)	122GR-3(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
Other										
1,4-Oxathiane	15980-15-1	mg/kg								
Corrositivity	CORR	No Unit								
Dithiane	51330-42-8	mg/kg								
PCBs										
Aroclor 1016	12674-11-2	mg/kg	< 0.038 U	< 0.037 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.027 UD	< 0.027 UD	< 0.027 UD
Aroclor 1016	12674-11-2	mg/kg								
Aroclor 1221	11104-28-2	mg/kg	< 0.038 U	< 0.037 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.027 UD	< 0.027 UD	< 0.027 UD
Aroclor 1232	11141-16-5	mg/kg	< 0.038 U	< 0.037 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.013 UD	< 0.013 UD	< 0.013 UD
Aroclor 1242	53469-21-9	mg/kg	< 0.038 U	< 0.037 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.013 UD	< 0.013 UD	< 0.013 UD
Aroclor 1248	12672-29-6	mg/kg	0.03 J	< 0.037 U	0.04	0.01 J	< 0.038 U	4660 D	< 0.027 UD	< 0.027 UD
Aroclor 1254	11097-69-1	mg/kg	< 0.038 U	< 0.037 U	< 0.038 U	< 0.039 U	< 0.038 U	< 0.027 UD	21.7 D	< 0.027 UD
Aroclor 1260	11096-82-5	mg/kg	< 0.038 U	< 0.037 U	< 0.038 U	< 0.039 U	0.44	< 0.027 UD	14.5 D	12 D
Aroclor 1260	11096-82-5	mg/kg								
Aroclor 1262	37324-23-5	mg/kg								
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg								
Pesticides										
4,4'-DDD	72-54-8	mg/kg								
4,4'-DDD	72-54-8	mg/kg								
4,4'-DDE	72-55-9	mg/kg								
4,4'-DDE	72-55-9	mg/kg								
4,4'-DDT	50-29-3	mg/kg								
4,4'-DDT	50-29-3	mg/kg								
Aldrin	309-00-2	mg/kg								
Aldrin	309-00-2	mg/kg								
alpha-BHC	319-84-6	mg/kg								
alpha-BHC	319-84-6	mg/kg								
alpha-Chlordane	5103-71-9	mg/kg								
Atrazine	1912-24-9	mg/kg								
beta-BHC	319-85-7	mg/kg								
beta-BHC	319-85-7	mg/kg								
Chlordane	57-74-9	mg/kg								
Chlordane	57-74-9	mg/kg								
delta-BHC	319-86-8	mg/kg								
delta-BHC	319-86-8	mg/kg								
Diazinon	333-41-5	mg/kg								
Dieldrin	60-57-1	mg/kg								
Dieldrin	60-57-1	mg/kg								
Endosulfan I	959-98-8	mg/kg								
Endosulfan I	959-98-8	mg/kg								
Endosulfan II	33213-65-9	mg/kg								
Endosulfan II	33213-65-9	mg/kg								
Endosulfan sulfate	1031-07-8	mg/kg								
Endosulfan sulfate	1031-07-8	mg/kg								
Endrin	72-20-8	mg/kg								
Endrin	72-20-8	mg/kg								
Endrin aldehyde	7421-93-4	mg/kg								
Endrin ketone	53494-70-5	mg/kg								
gamma-BHC (Lindane)	58-89-9	mg/kg								
gamma-BHC (Lindane)	58-89-9	mg/kg								
gamma-Chlordane	5103-74-2	mg/kg								
Heptachlor	76-44-8	mg/kg								

		Site Name	122	122	122	122	122	122	122	122
		Location ID	D-122-E1E-SW-NB	D-122-E1E-SW-NC	D-122-E1E-SW-WA	D-122-E1E-SW-WB(C)	D-122-ESA-EB-1	D-122-GR-001	D-122-GR-002	D-122-GR-003
		Sample Date	2/10/2000	2/17/2000	2/10/2000	2/23/2000	8/4/2000	11/20/1998	11/20/1998	11/20/1998
		Depth Interval	0 - 1	2 - 2.5	0 - 1	0 - 3	1.5 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	122-E1E-SW-NB(0-1)	122-E1E-SW-NC(2-2.5)	122-E1E-SW-WA(0-1)	122-E1E-SW-WB(C)(0-3)	122-ESA-EB-1(1.5-2)	122GR-1(0-1)	122GR-2(0-1)	122GR-3(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Heptachlor	76-44-8	mg/kg								
Heptachlor epoxide	1024-57-3	mg/kg								
Heptachlor epoxide	1024-57-3	mg/kg								
Isodrin	465-73-6	mg/kg								
Isodrin	465-73-6	mg/kg								
Malathion	121-75-5	mg/kg								
Methoxychlor	72-43-5	mg/kg								
Methoxychlor	72-43-5	mg/kg								
Mirex	2385-85-5	mg/kg								
Parathion	56-38-2	mg/kg								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg								
Supona	470-90-6	mg/kg								
Toxaphene	8001-35-2	mg/kg								
Toxaphene	8001-35-2	mg/kg								
Vapona	62-73-7	mg/kg								
Radiological										
Cesium-134	13967-70-9	pCi/g								
Cesium-137	10045-97-3	pCi/g								
Cobalt-60	10198-40-0	pCi/g								
Gross Alpha	12587-46-1	pCi/g								
Gross beta	12587-47-2	pCi/g								
Zinc-65	13982-39-3	pCi/g								
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg								
1,2,4-Trichlorobenzene	120-82-1	mg/kg								
1,2-Dichlorobenzene	95-50-1	mg/kg								
1,2-Diphenylhydrazine	122-66-7	mg/kg								
1,3-Dichlorobenzene	541-73-1	mg/kg								
1,3-Dichlorobenzene	541-73-1	mg/kg								
1,4-Dichlorobenzene	106-46-7	mg/kg								
2,4,5-Trichlorophenol	95-95-4	mg/kg								
2,4,6-Trichlorophenol	88-06-2	mg/kg								
2,4-Dichlorophenol	120-83-2	mg/kg								
2,4-Dimethylphenol	105-67-9	mg/kg								
2,4-Dinitrophenol	51-28-5	mg/kg								
2,6-Dinitroaniline	606-22-4	mg/kg								
2-Chloronaphthalene	91-58-7	mg/kg								
2-Chlorophenol	95-57-8	mg/kg								
2-Methylnaphthalene	91-57-6	mg/kg								
2-Methylphenol	95-48-7	mg/kg								
2-Nitroaniline	88-74-4	mg/kg								
2-Nitrophenol	88-75-5	mg/kg								
3,3'-Dichlorobenzidine	91-94-1	mg/kg								
3,5-Dinitroaniline	618-87-1	mg/kg								
3-Nitroaniline	99-09-2	mg/kg								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg								
4-Bromophenyl phenyl ether	101-55-3	mg/kg								
4-Chloro-3-methylphenol	59-50-7	mg/kg								
4-Chloroaniline	106-47-8	mg/kg								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg								

		Site Name	122	122	122	122	122	122	122	122
		Location ID	D-122-E1E-SW-NB	D-122-E1E-SW-NC	D-122-E1E-SW-WA	D-122-E1E-SW-WB(C)	D-122-ESA-EB-1	D-122-GR-001	D-122-GR-002	D-122-GR-003
		Sample Date	2/10/2000	2/17/2000	2/10/2000	2/23/2000	8/4/2000	11/20/1998	11/20/1998	11/20/1998
		Depth Interval	0 - 1	2 - 2.5	0 - 1	0 - 3	1.5 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	122-E1E-SW-NB(0-1)	122-E1E-SW-NC(2-2.5)	122-E1E-SW-WA(0-1)	122-E1E-SW-WB(C)(0-3)	122-ESA-EB-1(1.5-2)	122GR-1(0-1)	122GR-2(0-1)	122GR-3(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
4-Methylphenol	106-44-5	mg/kg								
4-Nitroaniline	100-01-6	mg/kg								
4-Nitrophenol	100-02-7	mg/kg								
Acenaphthene	83-32-9	mg/kg								
Acenaphthylene	208-96-8	mg/kg								
Aniline	62-53-3	mg/kg								
Anthracene	120-12-7	mg/kg								
Benz(a)anthracene	56-55-3	mg/kg								
Benzo(a)pyrene	50-32-8	mg/kg								
Benzo(b)fluoranthene	205-99-2	mg/kg								
Benzo(g,h,i)perylene	191-24-2	mg/kg								
Benzo(k)fluoranthene	207-08-9	mg/kg								
Benzyl alcohol	100-51-6	mg/kg								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg								
bis(2-Chloroethyl)ether	111-44-4	mg/kg								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg								
Butylbenzyl phthalate	85-68-7	mg/kg								
Carbazole	86-74-8	mg/kg								
Chrysene	218-01-9	mg/kg								
Cresols	1319-77-3	mg/kg								
Dibenz(a,h)anthracene	53-70-3	mg/kg								
Dibenzofuran	132-64-9	mg/kg								
Dichlorobenzenes	25321-22-6	mg/kg								
Dicyclopentadiene	77-73-6	mg/kg								
Diethylphthalate	84-66-2	mg/kg								
Dimethylphthalate	131-11-3	mg/kg								
di-n-Butylphthalate	84-74-2	mg/kg								
di-n-Octylphthalate	117-84-0	mg/kg								
Diphenylamine	122-39-4	mg/kg								
Fluoranthene	206-44-0	mg/kg								
Fluorene	86-73-7	mg/kg								
Hexachlorobenzene	118-74-1	mg/kg								
Hexachlorobutadiene	87-68-3	mg/kg								
Hexachlorocyclopentadiene	77-47-4	mg/kg								
Hexachloroethane	67-72-1	mg/kg								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg								
Isophorone	78-59-1	mg/kg								
Naphthalene	91-20-3	mg/kg								
N-Nitrosodimethylamine	62-75-9	mg/kg								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg								
n-Nitrosodiphenylamine	86-30-6	mg/kg								
Pentachlorophenol	87-86-5	mg/kg								
Phenanthrene	85-01-8	mg/kg								
Phenol	108-95-2	mg/kg								
Pyrene	129-00-0	mg/kg								
Pyridine	110-86-1	mg/kg								
TPH										
Gasoline range organics	GRO	mg/kg								
Oil & grease	OILGREASE	mg/kg								
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg								
Total Petroleum Hydrocarbons	TPH	mg/kg								

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122
		Location ID	D-122-E1E-SW-NB	D-122-E1E-SW-NC	D-122-E1E-SW-WA	D-122-E1E-SW-WB(C)	D-122-ESA-EB-1	D-122-GR-001	D-122-GR-002	D-122-GR-003
		Sample Date	2/10/2000	2/17/2000	2/10/2000	2/23/2000	8/4/2000	11/20/1998	11/20/1998	11/20/1998
		Depth Interval	0 - 1	2 - 2.5	0 - 1	0 - 3	1.5 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	122-E1E-SW-NB(0-1)	122-E1E-SW-NC(2-2.5)	122-E1E-SW-WA(0-1)	122-E1E-SW-WB(C)(0-3)	122-ESA-EB-1(1.5-2)	122GR-1(0-1)	122GR-2(0-1)	122GR-3(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg								
1,1,2-Trichloroethane	79-00-5	mg/kg								
1,1-Dichloroethane	75-34-3	mg/kg								
1,1-Dichloroethene	75-35-4	mg/kg								
1,2,3-Trichlorobenzene	87-61-6	mg/kg								
1,2-Dichloroethane	107-06-2	mg/kg								
1,2-Dichloroethene (total)	540-59-0	mg/kg								
1,2-Dichloropropane	78-87-5	mg/kg								
1,3-Dichloropropane	142-28-9	mg/kg								
2,3,6-Trichlorophenol	933-75-5	mg/kg								
2-Butanone	78-93-3	mg/kg								
2-Chloroethyl vinyl ether	110-75-8	mg/kg								
2-Hexanone	591-78-6	mg/kg								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg								
Acetone	67-64-1	mg/kg								
Acetonitrile	75-05-8	mg/kg								
Acrylonitrile	107-13-1	mg/kg								
Benzene	71-43-2	mg/kg								
Bromodichloromethane	75-27-4	mg/kg								
Bromoform	75-25-2	mg/kg								
Bromomethane	74-83-9	mg/kg								
Carbon disulfide	75-15-0	mg/kg								
Carbon tetrachloride	56-23-5	mg/kg								
Chlorobenzene	108-90-7	mg/kg								
Chloroethane	75-00-3	mg/kg								
Chloroform	67-66-3	mg/kg								
Chloromethane	74-87-3	mg/kg								
cis-1,2-Dichloroethene	156-59-2	mg/kg								
cis-1,3-Dichloropropene	10061-01-5	mg/kg								
Dibromochloromethane	124-48-1	mg/kg								
Dibromochloropropane	96-12-8	mg/kg								
Dichlorodifluoromethane	75-71-8	mg/kg								
Ethyl benzene	100-41-4	mg/kg								
Methylene chloride	75-09-2	mg/kg								
m-Xylenes	108-38-3	mg/kg								
Styrene	100-42-5	mg/kg								
Tetrachloroethene	127-18-4	mg/kg								
Toluene	108-88-3	mg/kg								
trans-1,2-Dichloroethene	156-60-5	mg/kg								
trans-1,3-Dichloropropene	10061-02-6	mg/kg								
Trichloroethene	79-01-6	mg/kg								
Trichlorofluoromethane	75-69-4	mg/kg								
Vinyl chloride	75-01-4	mg/kg								
Xylenes	1330-20-7	mg/kg								
WetChem										
% Moisture	%Moist	%								
% Solids	%Solid	%	87.9	88.7	87.7	84.8	87.4			
Cyanide	57-12-5	mg/kg								
Reactivity Cyanide	REACTCN	mg/kg								
Reactivity Sulfide	REACTSU	mg/kg								

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-GR-004	11/20/1998	0 - 1	122GR-4(0-1)	SO
			122	D-122-GR-005	11/20/1998	0 - 1	122GR-5(0-1)	SO
			122	D-122-GR-006	11/20/1998	0 - 1	122GR-6(0-1)	SO
			122	D-122-GR-007	11/20/1998	0 - 1	122GR-7(0-1)	SO
			122	D-122-GR-008	11/20/1998	0 - 1	122GR-8(0-1)	SO
			122	D-122-GR-009	11/20/1998	0 - 1	122GR-9(0-1)	SO
			122	D-122-GR-010A	11/20/1998	0 - 1	122GR-10(0-1)	SO
			122	D-122-GR-011	11/20/1998	0 - 1	122GR-11(0-1)	SO
			122	D-122-GR-012	11/20/1998	0 - 1	122GR-12(0-1)	SO
			122	D-122-GR-013	1/22/1999	0 - 1	122GR-13(0-1)	SO
			122	D-122-GR-014	1/22/1999	0 - 1	122GR-14(0-1)	SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-GR-004	D-122-GR-005	D-122-GR-006	D-122-GR-007	D-122-GR-008	D-122-GR-009	D-122-GR-010A	D-122-GR-011	D-122-GR-012	D-122-GR-013	D-122-GR-014
		Sample Date	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	1/22/1999	1/22/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122GR-4(0-1)	122GR-5(0-1)	122GR-6(0-1)	122GR-7(0-1)	122GR-8(0-1)	122GR-9(0-1)	122GR-10(0-1)	122GR-11(0-1)	122GR-12(0-1)	122GR-13(0-1)	122GR-14(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit											
Other													
1,4-Oxathiane	15980-15-1	mg/kg											
Corrositivity	CORR	No Unit											
Dithiane	51330-42-8	mg/kg											
PCBs													
Aroclor 1016	12674-11-2	mg/kg	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.18 UD	< 12 UD
Aroclor 1016	12674-11-2	mg/kg											
Aroclor 1221	11104-28-2	mg/kg	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.18 UD	< 12 UD
Aroclor 1232	11141-16-5	mg/kg	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.18 UD	< 12 UD
Aroclor 1242	53469-21-9	mg/kg	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.013 UD	< 0.18 UD	< 12 UD
Aroclor 1248	12672-29-6	mg/kg	58000 D	0.81 D	0.46 D	2220 D	146 D	< 0.027 UD	11200 D	126 D	55.8 D	< 0.18 UJD	< 12 UJD
Aroclor 1254	11097-69-1	mg/kg	< 0.027 UD	1.39 D	0.69 D	< 0.027 UD	< 0.027 UD	7.8 D	< 0.027 UD	< 0.027 UD	< 0.027 UD	0.31 JD	42 JD
Aroclor 1260	11096-82-5	mg/kg	< 0.027 UD	1.1 D	0.23 D	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.027 UD	< 0.18 UJD	< 12 UJD
Aroclor 1260	11096-82-5	mg/kg											
Aroclor 1262	37324-23-5	mg/kg											
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg											
Pesticides													
4,4'-DDD	72-54-8	mg/kg											
4,4'-DDD	72-54-8	mg/kg											
4,4'-DDE	72-55-9	mg/kg											
4,4'-DDE	72-55-9	mg/kg											
4,4'-DDT	50-29-3	mg/kg											
4,4'-DDT	50-29-3	mg/kg											
Aldrin	309-00-2	mg/kg											
Aldrin	309-00-2	mg/kg											
alpha-BHC	319-84-6	mg/kg											
alpha-BHC	319-84-6	mg/kg											
alpha-Chlordane	5103-71-9	mg/kg											
Atrazine	1912-24-9	mg/kg											
beta-BHC	319-85-7	mg/kg											
beta-BHC	319-85-7	mg/kg											
Chlordane	57-74-9	mg/kg											
Chlordane	57-74-9	mg/kg											
delta-BHC	319-86-8	mg/kg											
delta-BHC	319-86-8	mg/kg											
Diazinon	333-41-5	mg/kg											
Dieldrin	60-57-1	mg/kg											
Dieldrin	60-57-1	mg/kg											
Endosulfan I	959-98-8	mg/kg											
Endosulfan I	959-98-8	mg/kg											
Endosulfan II	33213-65-9	mg/kg											
Endosulfan II	33213-65-9	mg/kg											
Endosulfan sulfate	1031-07-8	mg/kg											
Endosulfan sulfate	1031-07-8	mg/kg											
Endrin	72-20-8	mg/kg											
Endrin	72-20-8	mg/kg											
Endrin aldehyde	7421-93-4	mg/kg											
Endrin ketone	53494-70-5	mg/kg											
gamma-BHC (Lindane)	58-89-9	mg/kg											
gamma-BHC (Lindane)	58-89-9	mg/kg											
gamma-Chlordane	5103-74-2	mg/kg											
Heptachlor	76-44-8	mg/kg											

		Site Name	122	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-GR-004	D-122-GR-005	D-122-GR-006	D-122-GR-007	D-122-GR-008	D-122-GR-009	D-122-GR-010A	D-122-GR-011	D-122-GR-012	D-122-GR-013	D-122-GR-014
		Sample Date	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	1/22/1999	1/22/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122GR-4(0-1)	122GR-5(0-1)	122GR-6(0-1)	122GR-7(0-1)	122GR-8(0-1)	122GR-9(0-1)	122GR-10(0-1)	122GR-11(0-1)	122GR-12(0-1)	122GR-13(0-1)	122GR-14(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**											
Heptachlor	76-44-8	mg/kg											
Heptachlor epoxide	1024-57-3	mg/kg											
Heptachlor epoxide	1024-57-3	mg/kg											
Isodrin	465-73-6	mg/kg											
Isodrin	465-73-6	mg/kg											
Malathion	121-75-5	mg/kg											
Methoxychlor	72-43-5	mg/kg											
Methoxychlor	72-43-5	mg/kg											
Mirex	2385-85-5	mg/kg											
Parathion	56-38-2	mg/kg											
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg											
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg											
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg											
Supona	470-90-6	mg/kg											
Toxaphene	8001-35-2	mg/kg											
Toxaphene	8001-35-2	mg/kg											
Vapona	62-73-7	mg/kg											
Radiological													
Cesium-134	13967-70-9	pCi/g											
Cesium-137	10045-97-3	pCi/g											
Cobalt-60	10198-40-0	pCi/g											
Gross Alpha	12587-46-1	pCi/g											
Gross beta	12587-47-2	pCi/g											
Zinc-65	13982-39-3	pCi/g											
SVOC													
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg											
1,2,4-Trichlorobenzene	120-82-1	mg/kg											
1,2-Dichlorobenzene	95-50-1	mg/kg											
1,2-Diphenylhydrazine	122-66-7	mg/kg											
1,3-Dichlorobenzene	541-73-1	mg/kg											
1,3-Dichlorobenzene	541-73-1	mg/kg											
1,4-Dichlorobenzene	106-46-7	mg/kg											
2,4,5-Trichlorophenol	95-95-4	mg/kg											
2,4,6-Trichlorophenol	88-06-2	mg/kg											
2,4-Dichlorophenol	120-83-2	mg/kg											
2,4-Dimethylphenol	105-67-9	mg/kg											
2,4-Dinitrophenol	51-28-5	mg/kg											
2,6-Dinitroaniline	606-22-4	mg/kg											
2-Chloronaphthalene	91-58-7	mg/kg											
2-Chlorophenol	95-57-8	mg/kg											
2-Methylnaphthalene	91-57-6	mg/kg											
2-Methylphenol	95-48-7	mg/kg											
2-Nitroaniline	88-74-4	mg/kg											
2-Nitrophenol	88-75-5	mg/kg											
3,3'-Dichlorobenzidine	91-94-1	mg/kg											
3,5-Dinitroaniline	618-87-1	mg/kg											
3-Nitroaniline	99-09-2	mg/kg											
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg											
4-Bromophenyl phenyl ether	101-55-3	mg/kg											
4-Chloro-3-methylphenol	59-50-7	mg/kg											
4-Chloroaniline	106-47-8	mg/kg											
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg											

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-GR-004	D-122-GR-005	D-122-GR-006	D-122-GR-007	D-122-GR-008	D-122-GR-009	D-122-GR-010A	D-122-GR-011	D-122-GR-012	D-122-GR-013	D-122-GR-014
			Sample Date	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	1/22/1999	1/22/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122GR-4(0-1)	122GR-5(0-1)	122GR-6(0-1)	122GR-7(0-1)	122GR-8(0-1)	122GR-9(0-1)	122GR-10(0-1)	122GR-11(0-1)	122GR-12(0-1)	122GR-13(0-1)	122GR-14(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
4-Methylphenol	106-44-5	mg/kg												
4-Nitroaniline	100-01-6	mg/kg												
4-Nitrophenol	100-02-7	mg/kg												
Acenaphthene	83-32-9	mg/kg												
Acenaphthylene	208-96-8	mg/kg												
Aniline	62-53-3	mg/kg												
Anthracene	120-12-7	mg/kg												
Benz(a)anthracene	56-55-3	mg/kg												
Benzo(a)pyrene	50-32-8	mg/kg												
Benzo(b)fluoranthene	205-99-2	mg/kg												
Benzo(g,h,i)perylene	191-24-2	mg/kg												
Benzo(k)fluoranthene	207-08-9	mg/kg												
Benzyl alcohol	100-51-6	mg/kg												
bis(2-Chloroethoxy)methane	111-91-1	mg/kg												
bis(2-Chloroethyl)ether	111-44-4	mg/kg												
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg												
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg												
Butylbenzyl phthalate	85-68-7	mg/kg												
Carbazole	86-74-8	mg/kg												
Chrysene	218-01-9	mg/kg												
Cresols	1319-77-3	mg/kg												
Dibenz(a,h)anthracene	53-70-3	mg/kg												
Dibenzofuran	132-64-9	mg/kg												
Dichlorobenzenes	25321-22-6	mg/kg												
Dicyclopentadiene	77-73-6	mg/kg												
Diethylphthalate	84-66-2	mg/kg												
Dimethylphthalate	131-11-3	mg/kg												
di-n-Butylphthalate	84-74-2	mg/kg												
di-n-Octylphthalate	117-84-0	mg/kg												
Diphenylamine	122-39-4	mg/kg												
Fluoranthene	206-44-0	mg/kg												
Fluorene	86-73-7	mg/kg												
Hexachlorobenzene	118-74-1	mg/kg												
Hexachlorobutadiene	87-68-3	mg/kg												
Hexachlorocyclopentadiene	77-47-4	mg/kg												
Hexachloroethane	67-72-1	mg/kg												
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg												
Isophorone	78-59-1	mg/kg												
Naphthalene	91-20-3	mg/kg												
N-Nitrosodimethylamine	62-75-9	mg/kg												
n-Nitroso-di-n-propylamine	621-64-7	mg/kg												
n-Nitrosodiphenylamine	86-30-6	mg/kg												
Pentachlorophenol	87-86-5	mg/kg												
Phenanthrene	85-01-8	mg/kg												
Phenol	108-95-2	mg/kg												
Pyrene	129-00-0	mg/kg												
Pyridine	110-86-1	mg/kg												
TPH														
Gasoline range organics	GRO	mg/kg												
Oil & grease	OILGREASE	mg/kg												
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg												
Total Petroleum Hydrocarbons	TPH	mg/kg												

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-GR-004	D-122-GR-005	D-122-GR-006	D-122-GR-007	D-122-GR-008	D-122-GR-009	D-122-GR-010A	D-122-GR-011	D-122-GR-012	D-122-GR-013	D-122-GR-014
			Sample Date	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	11/20/1998	1/22/1999	1/22/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122GR-4(0-1)	122GR-5(0-1)	122GR-6(0-1)	122GR-7(0-1)	122GR-8(0-1)	122GR-9(0-1)	122GR-10(0-1)	122GR-11(0-1)	122GR-12(0-1)	122GR-13(0-1)	122GR-14(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC														
1,1,1-Trichloroethane	71-55-6	mg/kg												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg												
1,1,2-Trichloroethane	79-00-5	mg/kg												
1,1-Dichloroethane	75-34-3	mg/kg												
1,1-Dichloroethene	75-35-4	mg/kg												
1,2,3-Trichlorobenzene	87-61-6	mg/kg												
1,2-Dichloroethane	107-06-2	mg/kg												
1,2-Dichloroethene (total)	540-59-0	mg/kg												
1,2-Dichloropropane	78-87-5	mg/kg												
1,3-Dichloropropane	142-28-9	mg/kg												
2,3,6-Trichlorophenol	933-75-5	mg/kg												
2-Butanone	78-93-3	mg/kg												
2-Chloroethyl vinyl ether	110-75-8	mg/kg												
2-Hexanone	591-78-6	mg/kg												
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg												
Acetone	67-64-1	mg/kg												
Acetonitrile	75-05-8	mg/kg												
Acrylonitrile	107-13-1	mg/kg												
Benzene	71-43-2	mg/kg												
Bromodichloromethane	75-27-4	mg/kg												
Bromoform	75-25-2	mg/kg												
Bromomethane	74-83-9	mg/kg												
Carbon disulfide	75-15-0	mg/kg												
Carbon tetrachloride	56-23-5	mg/kg												
Chlorobenzene	108-90-7	mg/kg												
Chloroethane	75-00-3	mg/kg												
Chloroform	67-66-3	mg/kg												
Chloromethane	74-87-3	mg/kg												
cis-1,2-Dichloroethene	156-59-2	mg/kg												
cis-1,3-Dichloropropene	10061-01-5	mg/kg												
Dibromochloromethane	124-48-1	mg/kg												
Dibromochloropropane	96-12-8	mg/kg												
Dichlorodifluoromethane	75-71-8	mg/kg												
Ethyl benzene	100-41-4	mg/kg												
Methylene chloride	75-09-2	mg/kg												
m-Xylenes	108-38-3	mg/kg												
Styrene	100-42-5	mg/kg												
Tetrachloroethene	127-18-4	mg/kg												
Toluene	108-88-3	mg/kg												
trans-1,2-Dichloroethene	156-60-5	mg/kg												
trans-1,3-Dichloropropene	10061-02-6	mg/kg												
Trichloroethene	79-01-6	mg/kg												
Trichlorofluoromethane	75-69-4	mg/kg												
Vinyl chloride	75-01-4	mg/kg												
Xylenes	1330-20-7	mg/kg												
WetChem														
% Moisture	%Moist	%											9.2	44.6
% Solids	%Solid	%												
Cyanide	57-12-5	mg/kg												
Reactivity Cyanide	REACTCN	mg/kg												
Reactivity Sulfide	REACTSU	mg/kg												

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-GR-015	1/22/1999	0 - 1	122GR-15(0-1)	SO
			122	D-122-GR-015	1/22/1999	0 - 1	122GR-15DUP(0-1)	SO
			122	D-122-GR-016	1/22/1999	0 - 1	122GR-16(0-1)	SO
			122	D-122-GR-017	1/22/1999	0 - 1	122GR-17(0-1)	SO
			122	D-122-GR-018	1/22/1999	0 - 1	122GR-18(0-1)	SO
			122	D-122-GR-019	1/22/1999	0 - 1	122GR-19(0-1)	SO
			122	D-122-GR-020	1/22/1999	0 - 1	122GR-20(0-1)	SO
			122	D-122-GR-021	1/22/1999	0 - 1	122GR-21(0-1)	SO
			122	D-122-GR-022	1/22/1999	0 - 1	122GR-22(0-1)	SO
			122	D-122-GR-023	1/22/1999	0 - 1	122GR-23(0-1)	SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-GR-015	1/22/1999	0 - 1	122GR-15(0-1)	SO
			122	D-122-GR-015	1/22/1999	0 - 1	122GR-15DUP(0-1)	SO
			122	D-122-GR-016	1/22/1999	0 - 1	122GR-16(0-1)	SO
			122	D-122-GR-017	1/22/1999	0 - 1	122GR-17(0-1)	SO
			122	D-122-GR-018	1/22/1999	0 - 1	122GR-18(0-1)	SO
			122	D-122-GR-019	1/22/1999	0 - 1	122GR-19(0-1)	SO
			122	D-122-GR-020	1/22/1999	0 - 1	122GR-20(0-1)	SO
			122	D-122-GR-021	1/22/1999	0 - 1	122GR-21(0-1)	SO
			122	D-122-GR-022	1/22/1999	0 - 1	122GR-22(0-1)	SO
			122	D-122-GR-023	1/22/1999	0 - 1	122GR-23(0-1)	SO
Other								
1,4-Oxathiane	15980-15-1	mg/kg						
Corrositivity	CORR	No Unit						
Dithiane	51330-42-8	mg/kg						
PCBs								
Aroclor 1016	12674-11-2	mg/kg	< 0.041 U	< 0.038 U	< 0.24 UD	< 0.93 UD	< 0.47 UD	< 0.19 UD	< 0.31 UD	< 6.8 UD	< 25 UD	< 1 UD
Aroclor 1016	12674-11-2	mg/kg										
Aroclor 1221	11104-28-2	mg/kg	< 0.041 U	< 0.038 U	< 0.24 UD	< 0.93 UD	< 0.47 UD	< 0.19 UD	< 0.31 UD	< 6.8 UD	< 25 UD	< 1 UD
Aroclor 1232	11141-16-5	mg/kg	< 0.041 U	< 0.038 U	< 0.24 UD	< 0.93 UD	< 0.47 UD	< 0.19 UD	< 0.31 UD	< 6.8 UD	< 25 UD	< 1 UD
Aroclor 1242	53469-21-9	mg/kg	< 0.041 U	< 0.038 U	< 0.24 UD	< 0.93 UD	< 0.47 UD	< 0.19 UD	< 0.31 UD	< 6.8 UD	< 25 UD	< 1 UD
Aroclor 1248	12672-29-6	mg/kg	< 0.041 UJ	< 0.038 UJ	< 0.24 UJD	< 0.93 UJD	< 0.47 UJD	< 0.19 UJD	< 0.31 UJD	45 JD	84 JD	< 1 UJD
Aroclor 1254	11097-69-1	mg/kg	0.12 J	0.08 J	0.92 JD	2.8 JD	< 0.47 UJD	< 0.19 UJD	< 0.31 UJD	< 6.8 UJD	< 25 UJD	3.5 JD
Aroclor 1260	11096-82-5	mg/kg	< 0.041 UJ	< 0.038 UJ	< 0.24 UJD	< 0.93 UJD	2.2 JD	0.76 JD	0.99 JD	< 6.8 UJD	< 25 UJD	< 1 UJD
Aroclor 1260	11096-82-5	mg/kg										
Aroclor 1262	37324-23-5	mg/kg										
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg										
Pesticides								
4,4'-DDD	72-54-8	mg/kg										
4,4'-DDD	72-54-8	mg/kg										
4,4'-DDE	72-55-9	mg/kg										
4,4'-DDE	72-55-9	mg/kg										
4,4'-DDT	50-29-3	mg/kg										
4,4'-DDT	50-29-3	mg/kg										
Aldrin	309-00-2	mg/kg										
Aldrin	309-00-2	mg/kg										
alpha-BHC	319-84-6	mg/kg										
alpha-BHC	319-84-6	mg/kg										
alpha-Chlordane	5103-71-9	mg/kg										
Atrazine	1912-24-9	mg/kg										
beta-BHC	319-85-7	mg/kg										
beta-BHC	319-85-7	mg/kg										
Chlordane	57-74-9	mg/kg										
Chlordane	57-74-9	mg/kg										
delta-BHC	319-86-8	mg/kg										
delta-BHC	319-86-8	mg/kg										
Diazinon	333-41-5	mg/kg										
Dieldrin	60-57-1	mg/kg										
Dieldrin	60-57-1	mg/kg										
Endosulfan I	959-98-8	mg/kg										
Endosulfan I	959-98-8	mg/kg										
Endosulfan II	33213-65-9	mg/kg										
Endosulfan II	33213-65-9	mg/kg										
Endosulfan sulfate	1031-07-8	mg/kg										
Endosulfan sulfate	1031-07-8	mg/kg										
Endrin	72-20-8	mg/kg										
Endrin	72-20-8	mg/kg										
Endrin aldehyde	7421-93-4	mg/kg										
Endrin ketone	53494-70-5	mg/kg										
gamma-BHC (Lindane)	58-89-9	mg/kg										
gamma-BHC (Lindane)	58-89-9	mg/kg										
gamma-Chlordane	5103-74-2	mg/kg										
Heptachlor	76-44-8	mg/kg										

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-GR-015	1/22/1999	0 - 1	122GR-15(0-1)	SO
			122	D-122-GR-015	1/22/1999	0 - 1	122GR-15DUP(0-1)	SO
			122	D-122-GR-016	1/22/1999	0 - 1	122GR-16(0-1)	SO
			122	D-122-GR-017	1/22/1999	0 - 1	122GR-17(0-1)	SO
			122	D-122-GR-018	1/22/1999	0 - 1	122GR-18(0-1)	SO
			122	D-122-GR-019	1/22/1999	0 - 1	122GR-19(0-1)	SO
			122	D-122-GR-020	1/22/1999	0 - 1	122GR-20(0-1)	SO
			122	D-122-GR-021	1/22/1999	0 - 1	122GR-21(0-1)	SO
			122	D-122-GR-022	1/22/1999	0 - 1	122GR-22(0-1)	SO
			122	D-122-GR-023	1/22/1999	0 - 1	122GR-23(0-1)	SO
Heptachlor	76-44-8	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Isodrin	465-73-6	mg/kg						
Isodrin	465-73-6	mg/kg						
Malathion	121-75-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Mirex	2385-85-5	mg/kg						
Parathion	56-38-2	mg/kg						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg						
Supona	470-90-6	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Vapona	62-73-7	mg/kg						
Radiological								
Cesium-134	13967-70-9	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross Alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Zinc-65	13982-39-3	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,2-Diphenylhydrazine	122-66-7	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,6-Dinitroaniline	606-22-4	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3,5-Dinitroaniline	618-87-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						

		Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-GR-015	D-122-GR-015	D-122-GR-016	D-122-GR-017	D-122-GR-018	D-122-GR-019	D-122-GR-020	D-122-GR-021	D-122-GR-022	D-122-GR-023
		Sample Date	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122GR-15(0-1)	122GR-15DUP(0-1)	122GR-16(0-1)	122GR-17(0-1)	122GR-18(0-1)	122GR-19(0-1)	122GR-20(0-1)	122GR-21(0-1)	122GR-22(0-1)	122GR-23(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**										
4-Methylphenol	106-44-5	mg/kg										
4-Nitroaniline	100-01-6	mg/kg										
4-Nitrophenol	100-02-7	mg/kg										
Acenaphthene	83-32-9	mg/kg										
Acenaphthylene	208-96-8	mg/kg										
Aniline	62-53-3	mg/kg										
Anthracene	120-12-7	mg/kg										
Benz(a)anthracene	56-55-3	mg/kg										
Benzo(a)pyrene	50-32-8	mg/kg										
Benzo(b)fluoranthene	205-99-2	mg/kg										
Benzo(g,h,i)perylene	191-24-2	mg/kg										
Benzo(k)fluoranthene	207-08-9	mg/kg										
Benzyl alcohol	100-51-6	mg/kg										
bis(2-Chloroethoxy)methane	111-91-1	mg/kg										
bis(2-Chloroethyl)ether	111-44-4	mg/kg										
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg										
Butylbenzyl phthalate	85-68-7	mg/kg										
Carbazole	86-74-8	mg/kg										
Chrysene	218-01-9	mg/kg										
Cresols	1319-77-3	mg/kg										
Dibenz(a,h)anthracene	53-70-3	mg/kg										
Dibenzofuran	132-64-9	mg/kg										
Dichlorobenzenes	25321-22-6	mg/kg										
Dicyclopentadiene	77-73-6	mg/kg										
Diethylphthalate	84-66-2	mg/kg										
Dimethylphthalate	131-11-3	mg/kg										
di-n-Butylphthalate	84-74-2	mg/kg										
di-n-Octylphthalate	117-84-0	mg/kg										
Diphenylamine	122-39-4	mg/kg										
Fluoranthene	206-44-0	mg/kg										
Fluorene	86-73-7	mg/kg										
Hexachlorobenzene	118-74-1	mg/kg										
Hexachlorobutadiene	87-68-3	mg/kg										
Hexachlorocyclopentadiene	77-47-4	mg/kg										
Hexachloroethane	67-72-1	mg/kg										
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg										
Isophorone	78-59-1	mg/kg										
Naphthalene	91-20-3	mg/kg										
N-Nitrosodimethylamine	62-75-9	mg/kg										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg										
n-Nitrosodiphenylamine	86-30-6	mg/kg										
Pentachlorophenol	87-86-5	mg/kg										
Phenanthrene	85-01-8	mg/kg										
Phenol	108-95-2	mg/kg										
Pyrene	129-00-0	mg/kg										
Pyridine	110-86-1	mg/kg										
TPH												
Gasoline range organics	GRO	mg/kg										
Oil & grease	OILGREASE	mg/kg										
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg										
Total Petroleum Hydrocarbons	TPH	mg/kg										

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-GR-015	D-122-GR-015	D-122-GR-016	D-122-GR-017	D-122-GR-018	D-122-GR-019	D-122-GR-020	D-122-GR-021	D-122-GR-022	D-122-GR-023
			Sample Date	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999	1/22/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122GR-15(0-1)	122GR-15DUP(0-1)	122GR-16(0-1)	122GR-17(0-1)	122GR-18(0-1)	122GR-19(0-1)	122GR-20(0-1)	122GR-21(0-1)	122GR-22(0-1)	122GR-23(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC													
1,1,1-Trichloroethane	71-55-6	mg/kg											
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg											
1,1,2-Trichloroethane	79-00-5	mg/kg											
1,1-Dichloroethane	75-34-3	mg/kg											
1,1-Dichloroethene	75-35-4	mg/kg											
1,2,3-Trichlorobenzene	87-61-6	mg/kg											
1,2-Dichloroethane	107-06-2	mg/kg											
1,2-Dichloroethene (total)	540-59-0	mg/kg											
1,2-Dichloropropane	78-87-5	mg/kg											
1,3-Dichloropropane	142-28-9	mg/kg											
2,3,6-Trichlorophenol	933-75-5	mg/kg											
2-Butanone	78-93-3	mg/kg											
2-Chloroethyl vinyl ether	110-75-8	mg/kg											
2-Hexanone	591-78-6	mg/kg											
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg											
Acetone	67-64-1	mg/kg											
Acetonitrile	75-05-8	mg/kg											
Acrylonitrile	107-13-1	mg/kg											
Benzene	71-43-2	mg/kg											
Bromodichloromethane	75-27-4	mg/kg											
Bromoform	75-25-2	mg/kg											
Bromomethane	74-83-9	mg/kg											
Carbon disulfide	75-15-0	mg/kg											
Carbon tetrachloride	56-23-5	mg/kg											
Chlorobenzene	108-90-7	mg/kg											
Chloroethane	75-00-3	mg/kg											
Chloroform	67-66-3	mg/kg											
Chloromethane	74-87-3	mg/kg											
cis-1,2-Dichloroethene	156-59-2	mg/kg											
cis-1,3-Dichloropropene	10061-01-5	mg/kg											
Dibromochloromethane	124-48-1	mg/kg											
Dibromochloropropane	96-12-8	mg/kg											
Dichlorodifluoromethane	75-71-8	mg/kg											
Ethyl benzene	100-41-4	mg/kg											
Methylene chloride	75-09-2	mg/kg											
m-Xylenes	108-38-3	mg/kg											
Styrene	100-42-5	mg/kg											
Tetrachloroethene	127-18-4	mg/kg											
Toluene	108-88-3	mg/kg											
trans-1,2-Dichloroethene	156-60-5	mg/kg											
trans-1,3-Dichloropropene	10061-02-6	mg/kg											
Trichloroethene	79-01-6	mg/kg											
Trichlorofluoromethane	75-69-4	mg/kg											
Vinyl chloride	75-01-4	mg/kg											
Xylenes	1330-20-7	mg/kg											
WetChem													
% Moisture	%Moist	%		19.2	13.5	30.7	29	29.7	14.9	47.1	51.1	33.2	34.8
% Solids	%Solid	%											
Cyanide	57-12-5	mg/kg											
Reactivity Cyanide	REACTCN	mg/kg											
Reactivity Sulfide	REACTSU	mg/kg											

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-GR-024	3/3/1999	1 - 2	122GR-24(1-2)	SO
			122	D-122-GR-025	3/3/1999	0 - 1	122GR-25(0-1)	SO
			122	D-122-GR-026	3/3/1999	0 - 1	122GR-26(0-1)	SO
			122	D-122-GR-027	3/3/1999	1 - 2	122GR-27(1-2)	SO
			122	D-122-SB-001	7/24/1997	0 - 2	122SB-1A(0-2)	SO
			122	D-122-SB-001	7/24/1997	2 - 4	122SB-1B(2-4)	SO
			122	D-122-SB-001	7/24/1997	4 - 6	122SB-1C(4-6)	SO
			122	D-122-SB-001	7/24/1997	6 - 8	122SB-1D(6-8)	SO
			122	D-122-SB-002	3/3/1999	2 - 4	122SB-2B(2-4)	SO
			122	D-122-SB-002	3/3/1999	4 - 6	122SB-2C(4-6)	SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-GR-024	D-122-GR-025	D-122-GR-026	D-122-GR-027	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-002	D-122-SB-002
		Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	7/24/1997	7/24/1997	7/24/1997	7/24/1997	3/3/1999	3/3/1999
		Depth Interval	1 - 2	0 - 1	0 - 1	1 - 2	0 - 2	2 - 4	4 - 6	6 - 8	2 - 4	4 - 6
		Sample ID	122GR-24(1-2)	122GR-25(0-1)	122GR-26(0-1)	122GR-27(1-2)	122SB-1A(0-2)	122SB-1B(2-4)	122SB-1C(4-6)	122SB-1D(6-8)	122SB-2B(2-4)	122SB-2C(4-6)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
Other												
1,4-Oxathiane	15980-15-1	mg/kg										
Corrositivity	CORR	No Unit										
Dithiane	51330-42-8	mg/kg										
PCBs												
Aroclor 1016	12674-11-2	mg/kg	< 4.4 UD	< 2.2 UD	< 0.18 UD	< 4 UD					< 380 UD	< 40 UD
Aroclor 1016	12674-11-2	mg/kg										
Aroclor 1221	11104-28-2	mg/kg	< 4.4 UD	< 2.2 UJD	< 0.18 UJD	< 4 UD	< 0.238 U	< 0.226 U	< 0.256 U	< 0.254 U	< 380 UD	< 40 UD
Aroclor 1232	11141-16-5	mg/kg	< 4.4 UD	< 2.2 UJD	< 0.18 UJD	< 4 UD					< 380 UD	< 40 UD
Aroclor 1242	53469-21-9	mg/kg	< 4.4 UD	< 2.2 UJD	< 0.18 UJD	< 4 UD	< 0.238 U	< 0.226 U	< 0.256 U	< 0.254 U	< 380 UD	< 40 UD
Aroclor 1248	12672-29-6	mg/kg	62 D	12 JD	< 0.18 UJD	44 D	870 D	35.2 D	9.64 D	29.7 D	1600 D	84 D
Aroclor 1254	11097-69-1	mg/kg	< 4.4 UD	8.9 JD	0.35 JD	< 4 UD	< 0.238 U	< 0.226 U	< 0.256 U	< 0.254 U	< 380 UD	< 40 UD
Aroclor 1260	11096-82-5	mg/kg	< 4.4 UD	< 2.2 UJD	< 0.18 UJD	< 4 UD					< 380 UD	< 40 UD
Aroclor 1260	11096-82-5	mg/kg										
Aroclor 1262	37324-23-5	mg/kg										
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg					< 0.238 U	< 0.226 U	< 0.256 U	< 0.254 U		
Pesticides												
4,4'-DDD	72-54-8	mg/kg										
4,4'-DDD	72-54-8	mg/kg										
4,4'-DDE	72-55-9	mg/kg										
4,4'-DDE	72-55-9	mg/kg										
4,4'-DDT	50-29-3	mg/kg										
4,4'-DDT	50-29-3	mg/kg										
Aldrin	309-00-2	mg/kg										
Aldrin	309-00-2	mg/kg										
alpha-BHC	319-84-6	mg/kg										
alpha-BHC	319-84-6	mg/kg										
alpha-Chlordane	5103-71-9	mg/kg										
Atrazine	1912-24-9	mg/kg										
beta-BHC	319-85-7	mg/kg										
beta-BHC	319-85-7	mg/kg										
Chlordane	57-74-9	mg/kg										
Chlordane	57-74-9	mg/kg										
delta-BHC	319-86-8	mg/kg										
delta-BHC	319-86-8	mg/kg										
Diazinon	333-41-5	mg/kg										
Dieldrin	60-57-1	mg/kg										
Dieldrin	60-57-1	mg/kg										
Endosulfan I	959-98-8	mg/kg										
Endosulfan I	959-98-8	mg/kg										
Endosulfan II	33213-65-9	mg/kg										
Endosulfan II	33213-65-9	mg/kg										
Endosulfan sulfate	1031-07-8	mg/kg										
Endosulfan sulfate	1031-07-8	mg/kg										
Endrin	72-20-8	mg/kg										
Endrin	72-20-8	mg/kg										
Endrin aldehyde	7421-93-4	mg/kg										
Endrin ketone	53494-70-5	mg/kg										
gamma-BHC (Lindane)	58-89-9	mg/kg										
gamma-BHC (Lindane)	58-89-9	mg/kg										
gamma-Chlordane	5103-74-2	mg/kg										
Heptachlor	76-44-8	mg/kg										

		Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-GR-024	D-122-GR-025	D-122-GR-026	D-122-GR-027	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-002	D-122-SB-002
		Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	7/24/1997	7/24/1997	7/24/1997	7/24/1997	3/3/1999	3/3/1999
		Depth Interval	1 - 2	0 - 1	0 - 1	1 - 2	0 - 2	2 - 4	4 - 6	6 - 8	2 - 4	4 - 6
		Sample ID	122GR-24(1-2)	122GR-25(0-1)	122GR-26(0-1)	122GR-27(1-2)	122SB-1A(0-2)	122SB-1B(2-4)	122SB-1C(4-6)	122SB-1D(6-8)	122SB-2B(2-4)	122SB-2C(4-6)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**										
Heptachlor	76-44-8	mg/kg										
Heptachlor epoxide	1024-57-3	mg/kg										
Heptachlor epoxide	1024-57-3	mg/kg										
Isodrin	465-73-6	mg/kg										
Isodrin	465-73-6	mg/kg										
Malathion	121-75-5	mg/kg										
Methoxychlor	72-43-5	mg/kg										
Methoxychlor	72-43-5	mg/kg										
Mirex	2385-85-5	mg/kg										
Parathion	56-38-2	mg/kg										
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg										
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg										
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg										
Supona	470-90-6	mg/kg										
Toxaphene	8001-35-2	mg/kg										
Toxaphene	8001-35-2	mg/kg										
Vapona	62-73-7	mg/kg										
Radiological												
Cesium-134	13967-70-9	pCi/g										
Cesium-137	10045-97-3	pCi/g										
Cobalt-60	10198-40-0	pCi/g										
Gross Alpha	12587-46-1	pCi/g										
Gross beta	12587-47-2	pCi/g										
Zinc-65	13982-39-3	pCi/g										
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg										
1,2,4-Trichlorobenzene	120-82-1	mg/kg										
1,2-Dichlorobenzene	95-50-1	mg/kg										
1,2-Diphenylhydrazine	122-66-7	mg/kg										
1,3-Dichlorobenzene	541-73-1	mg/kg										
1,3-Dichlorobenzene	541-73-1	mg/kg										
1,4-Dichlorobenzene	106-46-7	mg/kg										
2,4,5-Trichlorophenol	95-95-4	mg/kg										
2,4,6-Trichlorophenol	88-06-2	mg/kg										
2,4-Dichlorophenol	120-83-2	mg/kg										
2,4-Dimethylphenol	105-67-9	mg/kg										
2,4-Dinitrophenol	51-28-5	mg/kg										
2,6-Dinitroaniline	606-22-4	mg/kg										
2-Chloronaphthalene	91-58-7	mg/kg										
2-Chlorophenol	95-57-8	mg/kg										
2-Methylnaphthalene	91-57-6	mg/kg										
2-Methylphenol	95-48-7	mg/kg										
2-Nitroaniline	88-74-4	mg/kg										
2-Nitrophenol	88-75-5	mg/kg										
3,3'-Dichlorobenzidine	91-94-1	mg/kg										
3,5-Dinitroaniline	618-87-1	mg/kg										
3-Nitroaniline	99-09-2	mg/kg										
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg										
4-Bromophenyl phenyl ether	101-55-3	mg/kg										
4-Chloro-3-methylphenol	59-50-7	mg/kg										
4-Chloroaniline	106-47-8	mg/kg										
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg										

		Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-GR-024	D-122-GR-025	D-122-GR-026	D-122-GR-027	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-002	D-122-SB-002
		Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	7/24/1997	7/24/1997	7/24/1997	7/24/1997	3/3/1999	3/3/1999
		Depth Interval	1 - 2	0 - 1	0 - 1	1 - 2	0 - 2	2 - 4	4 - 6	6 - 8	2 - 4	4 - 6
		Sample ID	122GR-24(1-2)	122GR-25(0-1)	122GR-26(0-1)	122GR-27(1-2)	122SB-1A(0-2)	122SB-1B(2-4)	122SB-1C(4-6)	122SB-1D(6-8)	122SB-2B(2-4)	122SB-2C(4-6)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**										
4-Methylphenol	106-44-5	mg/kg										
4-Nitroaniline	100-01-6	mg/kg										
4-Nitrophenol	100-02-7	mg/kg										
Acenaphthene	83-32-9	mg/kg										
Acenaphthylene	208-96-8	mg/kg										
Aniline	62-53-3	mg/kg										
Anthracene	120-12-7	mg/kg										
Benz(a)anthracene	56-55-3	mg/kg										
Benzo(a)pyrene	50-32-8	mg/kg										
Benzo(b)fluoranthene	205-99-2	mg/kg										
Benzo(g,h,i)perylene	191-24-2	mg/kg										
Benzo(k)fluoranthene	207-08-9	mg/kg										
Benzyl alcohol	100-51-6	mg/kg										
bis(2-Chloroethoxy)methane	111-91-1	mg/kg										
bis(2-Chloroethyl)ether	111-44-4	mg/kg										
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg										
Butylbenzyl phthalate	85-68-7	mg/kg										
Carbazole	86-74-8	mg/kg										
Chrysene	218-01-9	mg/kg										
Cresols	1319-77-3	mg/kg										
Dibenz(a,h)anthracene	53-70-3	mg/kg										
Dibenzofuran	132-64-9	mg/kg										
Dichlorobenzenes	25321-22-6	mg/kg										
Dicyclopentadiene	77-73-6	mg/kg										
Diethylphthalate	84-66-2	mg/kg										
Dimethylphthalate	131-11-3	mg/kg										
di-n-Butylphthalate	84-74-2	mg/kg										
di-n-Octylphthalate	117-84-0	mg/kg										
Diphenylamine	122-39-4	mg/kg										
Fluoranthene	206-44-0	mg/kg										
Fluorene	86-73-7	mg/kg										
Hexachlorobenzene	118-74-1	mg/kg										
Hexachlorobutadiene	87-68-3	mg/kg										
Hexachlorocyclopentadiene	77-47-4	mg/kg										
Hexachloroethane	67-72-1	mg/kg										
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg										
Isophorone	78-59-1	mg/kg										
Naphthalene	91-20-3	mg/kg										
N-Nitrosodimethylamine	62-75-9	mg/kg										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg										
n-Nitrosodiphenylamine	86-30-6	mg/kg										
Pentachlorophenol	87-86-5	mg/kg										
Phenanthrene	85-01-8	mg/kg										
Phenol	108-95-2	mg/kg										
Pyrene	129-00-0	mg/kg										
Pyridine	110-86-1	mg/kg										
TPH												
Gasoline range organics	GRO	mg/kg										
Oil & grease	OILGREASE	mg/kg										
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg										
Total Petroleum Hydrocarbons	TPH	mg/kg										

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-GR-024	D-122-GR-025	D-122-GR-026	D-122-GR-027	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-001	D-122-SB-002	D-122-SB-002
			Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	7/24/1997	7/24/1997	7/24/1997	7/24/1997	3/3/1999	3/3/1999
			Depth Interval	1 - 2	0 - 1	0 - 1	1 - 2	0 - 2	2 - 4	4 - 6	6 - 8	2 - 4	4 - 6
			Sample ID	122GR-24(1-2)	122GR-25(0-1)	122GR-26(0-1)	122GR-27(1-2)	122SB-1A(0-2)	122SB-1B(2-4)	122SB-1C(4-6)	122SB-1D(6-8)	122SB-2B(2-4)	122SB-2C(4-6)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC													
1,1,1-Trichloroethane	71-55-6	mg/kg											
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg											
1,1,2-Trichloroethane	79-00-5	mg/kg											
1,1-Dichloroethane	75-34-3	mg/kg											
1,1-Dichloroethene	75-35-4	mg/kg											
1,2,3-Trichlorobenzene	87-61-6	mg/kg											
1,2-Dichloroethane	107-06-2	mg/kg											
1,2-Dichloroethene (total)	540-59-0	mg/kg											
1,2-Dichloropropane	78-87-5	mg/kg											
1,3-Dichloropropane	142-28-9	mg/kg											
2,3,6-Trichlorophenol	933-75-5	mg/kg											
2-Butanone	78-93-3	mg/kg											
2-Chloroethyl vinyl ether	110-75-8	mg/kg											
2-Hexanone	591-78-6	mg/kg											
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg											
Acetone	67-64-1	mg/kg											
Acetonitrile	75-05-8	mg/kg											
Acrylonitrile	107-13-1	mg/kg											
Benzene	71-43-2	mg/kg											
Bromodichloromethane	75-27-4	mg/kg											
Bromoform	75-25-2	mg/kg											
Bromomethane	74-83-9	mg/kg											
Carbon disulfide	75-15-0	mg/kg											
Carbon tetrachloride	56-23-5	mg/kg											
Chlorobenzene	108-90-7	mg/kg											
Chloroethane	75-00-3	mg/kg											
Chloroform	67-66-3	mg/kg											
Chloromethane	74-87-3	mg/kg											
cis-1,2-Dichloroethene	156-59-2	mg/kg											
cis-1,3-Dichloropropene	10061-01-5	mg/kg											
Dibromochloromethane	124-48-1	mg/kg											
Dibromochloropropane	96-12-8	mg/kg											
Dichlorodifluoromethane	75-71-8	mg/kg											
Ethyl benzene	100-41-4	mg/kg											
Methylene chloride	75-09-2	mg/kg											
m-Xylenes	108-38-3	mg/kg											
Styrene	100-42-5	mg/kg											
Tetrachloroethene	127-18-4	mg/kg											
Toluene	108-88-3	mg/kg											
trans-1,2-Dichloroethene	156-60-5	mg/kg											
trans-1,3-Dichloropropene	10061-02-6	mg/kg											
Trichloroethene	79-01-6	mg/kg											
Trichlorofluoromethane	75-69-4	mg/kg											
Vinyl chloride	75-01-4	mg/kg											
Xylenes	1330-20-7	mg/kg											
WetChem													
% Moisture	%Moist	%											
% Solids	%Solid	%		74.6	75.1	90.5	82.8					86.2	82.7
Cyanide	57-12-5	mg/kg											
Reactivity Cyanide	REACTCN	mg/kg											
Reactivity Sulfide	REACTSU	mg/kg											

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-SB-002	D-122-SB-003	D-122-SB-003	D-122-SB-003	D-122-SD(2)	D-122-SS-008	D-122-SS-009	D-122-SS-010A	D-122-SS-011	D-122-SS-012
			Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	2/22/2000	4/25/1997	4/25/1997	4/25/1997	4/25/1997	4/25/1997
			Depth Interval	6 - 8	2.5 - 4	4 - 6	6 - 8	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122SB-2D(6-8)	122SB-3B(2.5-4)	122SB-3C(4-6)	122SB-3D(6-8)	122-SD(2)(0-0.5)	122SS-8(0-1)	122SS-9(0-1)	122SS-10(0-1)	122SS-11(0-1)	122SS-12(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives													
1,3,5-Trinitrobenzene	99-35-4	mg/kg											
1,3-Dinitrobenzene	99-65-0	mg/kg											
2,4,6-Trinitrotoluene	118-96-7	mg/kg											
3-Nitrotoluene	99-08-1	mg/kg											
HMX	2691-41-0	mg/kg											
Nitrobenzene	98-95-3	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Nitrobenzene	98-95-3	mg/kg											
Nitrocellulose	9004-70-0	mg/kg											
Nitroglycerin	55-63-0	mg/kg											
PETN	78-11-5	mg/kg											
RDX	121-82-4	mg/kg											
Tetryl	479-45-8	mg/kg											
Explosives / SVOC													
2,4-Dinitrotoluene	121-14-2	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2,4-Dinitrotoluene	121-14-2	mg/kg											
2,6-Dinitrotoluene	606-20-2	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2,6-Dinitrotoluene	606-20-2	mg/kg											
Herbicide													
2,4,5-TP (Silvex)	93-72-1	mg/kg											
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg											
Metals													
Aluminum	7429-90-5	mg/kg							34900	41800	3740	2840	3180
Antimony	7440-36-0	mg/kg							0.22	0.2	0.72	0.45	0.12
Arsenic	7440-38-2	mg/kg							5.65	10.5	9.99	4.21	5.57
Barium	7440-39-3	mg/kg							1050	903	84.4	57.4	117
Beryllium	7440-41-7	mg/kg							3.52	4.14	0.45	0.63	0.3
Cadmium	7440-43-9	mg/kg							0.98	1.42	5.55	11.8	2.6
Calcium	7440-70-2	mg/kg							117000	155000	2330	3820	4120
Chromium	7440-47-3	mg/kg							7.61	20.9	14	9.41	3.49
Cobalt	7440-48-4	mg/kg							1.59	1.81	6.79	4.49	2.11
Copper	7440-50-8	mg/kg							27.9	19.9	75.8	106	48.4
Iron	7439-89-6	mg/kg							7180	8250	9050	5640	2990
Lead	7439-92-1	mg/kg							123	81	244	178	67
Magnesium	7439-95-4	mg/kg							26400	28900	2070	1340	1680
Manganese	7439-96-5	mg/kg							9530	7610	409	228	1170
Mercury	7439-97-6	mg/kg							0.22	< 0.02 U	0.79	1.86	0.59
Nickel	7440-02-0	mg/kg							9.77	18.4	19.8	12.1	4.7 B
Potassium	7440-09-7	mg/kg							1950	2290	375	289	310
Selenium	7782-49-2	mg/kg							0.5 B	0.72 B	0.49 B	0.29 B	0.36 B
Silver	7440-22-4	mg/kg							0.51	0.35	0.86	0.59	0.96
Sodium	7440-23-5	mg/kg							1090	1260	< 100 U	< 100 U	< 100 U
Thallium	7440-28-0	mg/kg							0.11	0.08	0.1	0.03	0.03
Vanadium	7440-62-2	mg/kg							18.2	19.4	14.1	6.8	6.12
Zinc	7440-66-6	mg/kg							369	138	465	574	405

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SB-002	D-122-SB-003	D-122-SB-003	D-122-SB-003	D-122-SD(2)	D-122-SS-008	D-122-SS-009	D-122-SS-010A	D-122-SS-011	D-122-SS-012
		Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	2/22/2000	4/25/1997	4/25/1997	4/25/1997	4/25/1997	4/25/1997
		Depth Interval	6 - 8	2.5 - 4	4 - 6	6 - 8	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122SB-2D(6-8)	122SB-3B(2.5-4)	122SB-3C(4-6)	122SB-3D(6-8)	122-SD(2)(0-0.5)	122SS-8(0-1)	122SS-9(0-1)	122SS-10(0-1)	122SS-11(0-1)	122SS-12(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
Other												
1,4-Oxathiane	15980-15-1	mg/kg										
Corrositivity	CORR	No Unit										
Dithiane	51330-42-8	mg/kg										
PCBs												
Aroclor 1016	12674-11-2	mg/kg	< 0.036 U	< 0.42 UD	< 0.036 U	< 0.038 U	< 0.038 U					
Aroclor 1016	12674-11-2	mg/kg										
Aroclor 1221	11104-28-2	mg/kg	< 0.036 UJ	< 0.42 UJD	< 0.036 UJ	< 0.038 UJ	< 0.038 U	< 0.268 U	< 0.269 U	< 0.256 U	< 0.227 U	< 0.234 U
Aroclor 1232	11141-16-5	mg/kg	< 0.036 UJ	< 0.42 UJD	< 0.036 UJ	< 0.038 UJ	< 0.038 U					
Aroclor 1242	53469-21-9	mg/kg	< 0.036 UJ	< 0.42 UJD	< 0.036 UJ	< 0.038 UJ	< 0.038 U	< 0.268 U	< 0.269 U	< 0.256 U	< 0.227 U	< 0.234 U
Aroclor 1248	12672-29-6	mg/kg	0.09 J	7.5 JD	0.55 J	0.97 J	< 0.038 U	< 0.268 U	< 0.269 U	< 0.256 U	< 0.227 U	< 0.234 U
Aroclor 1254	11097-69-1	mg/kg	< 0.036 UJ	< 0.42 UJD	< 0.036 UJ	< 0.038 UJ	0.13	< 0.268 U	< 0.269 U	0.33	6.94 D	26 D
Aroclor 1260	11096-82-5	mg/kg	< 0.036 UJ	< 0.42 UJD	< 0.036 UJ	< 0.038 UJ	< 0.038 U					
Aroclor 1260	11096-82-5	mg/kg										
Aroclor 1262	37324-23-5	mg/kg										
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg						< 0.268 U	< 0.269 U	< 0.256 U	< 0.227 U	< 0.234 U
Pesticides												
4,4'-DDD	72-54-8	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
4,4'-DDD	72-54-8	mg/kg										
4,4'-DDE	72-55-9	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
4,4'-DDE	72-55-9	mg/kg										
4,4'-DDT	50-29-3	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
4,4'-DDT	50-29-3	mg/kg										
Aldrin	309-00-2	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Aldrin	309-00-2	mg/kg										
alpha-BHC	319-84-6	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
alpha-BHC	319-84-6	mg/kg										
alpha-Chlordane	5103-71-9	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Atrazine	1912-24-9	mg/kg										
beta-BHC	319-85-7	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
beta-BHC	319-85-7	mg/kg										
Chlordane	57-74-9	mg/kg										
Chlordane	57-74-9	mg/kg										
delta-BHC	319-86-8	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
delta-BHC	319-86-8	mg/kg										
Diazinon	333-41-5	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Dieldrin	60-57-1	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Dieldrin	60-57-1	mg/kg										
Endosulfan I	959-98-8	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Endosulfan I	959-98-8	mg/kg										
Endosulfan II	33213-65-9	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Endosulfan II	33213-65-9	mg/kg										
Endosulfan sulfate	1031-07-8	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Endosulfan sulfate	1031-07-8	mg/kg										
Endrin	72-20-8	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Endrin	72-20-8	mg/kg										
Endrin aldehyde	7421-93-4	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Endrin ketone	53494-70-5	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
gamma-BHC (Lindane)	58-89-9	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
gamma-BHC (Lindane)	58-89-9	mg/kg										
gamma-Chlordane	5103-74-2	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Heptachlor	76-44-8	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U

		Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SB-002	D-122-SB-003	D-122-SB-003	D-122-SB-003	D-122-SD(2)	D-122-SS-008	D-122-SS-009	D-122-SS-010A	D-122-SS-011	D-122-SS-012
		Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	2/22/2000	4/25/1997	4/25/1997	4/25/1997	4/25/1997	4/25/1997
		Depth Interval	6 - 8	2.5 - 4	4 - 6	6 - 8	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122SB-2D(6-8)	122SB-3B(2.5-4)	122SB-3C(4-6)	122SB-3D(6-8)	122-SD(2)(0-0.5)	122SS-8(0-1)	122SS-9(0-1)	122SS-10(0-1)	122SS-11(0-1)	122SS-12(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**										
Heptachlor	76-44-8	mg/kg										
Heptachlor epoxide	1024-57-3	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Heptachlor epoxide	1024-57-3	mg/kg										
Isodrin	465-73-6	mg/kg										
Isodrin	465-73-6	mg/kg										
Malathion	121-75-5	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Methoxychlor	72-43-5	mg/kg						< 0.0268 U	< 0.0269 U	< 0.0256 U	< 0.0227 U	< 0.0234 U
Methoxychlor	72-43-5	mg/kg										
Mirex	2385-85-5	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Parathion	56-38-2	mg/kg										
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg										
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg										
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg										
Supona	470-90-6	mg/kg										
Toxaphene	8001-35-2	mg/kg						< 0.67 U	< 0.672 U	< 0.641 U	< 0.567 U	< 0.586 U
Toxaphene	8001-35-2	mg/kg										
Vapona	62-73-7	mg/kg										
Radiological												
Cesium-134	13967-70-9	pCi/g										
Cesium-137	10045-97-3	pCi/g										
Cobalt-60	10198-40-0	pCi/g										
Gross Alpha	12587-46-1	pCi/g										
Gross beta	12587-47-2	pCi/g										
Zinc-65	13982-39-3	pCi/g										
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg										
1,2,4-Trichlorobenzene	120-82-1	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
1,2-Dichlorobenzene	95-50-1	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
1,2-Diphenylhydrazine	122-66-7	mg/kg										
1,3-Dichlorobenzene	541-73-1	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
1,3-Dichlorobenzene	541-73-1	mg/kg										
1,4-Dichlorobenzene	106-46-7	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2,4,5-Trichlorophenol	95-95-4	mg/kg						< 11.4 U	< 11.4 U	< 21.8 U	< 19.3 U	< 9.96 U
2,4,6-Trichlorophenol	88-06-2	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2,4-Dichlorophenol	120-83-2	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2,4-Dimethylphenol	105-67-9	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2,4-Dinitrophenol	51-28-5	mg/kg						< 22.3 UJ	< 11.4 U	< 34 UJ	< 30.6 UJ	< 19.3 UJ
2,6-Dinitroaniline	606-22-4	mg/kg										
2-Chloronaphthalene	91-58-7	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2-Chlorophenol	95-57-8	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2-Methylnaphthalene	91-57-6	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2-Methylphenol	95-48-7	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2-Nitroaniline	88-74-4	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
2-Nitrophenol	88-75-5	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
3,5-Dinitroaniline	618-87-1	mg/kg										
3-Nitroaniline	99-09-2	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						< 11.4 U	< 22.2 UJ	< 21.8 U	< 19.3 U	< 9.96 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
4-Chloro-3-methylphenol	59-50-7	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
4-Chloroaniline	106-47-8	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-SB-002	D-122-SB-003	D-122-SB-003	D-122-SB-003	D-122-SD(2)	D-122-SS-008	D-122-SS-009	D-122-SS-010A	D-122-SS-011	D-122-SS-012
			Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	2/22/2000	4/25/1997	4/25/1997	4/25/1997	4/25/1997	4/25/1997
			Depth Interval	6 - 8	2.5 - 4	4 - 6	6 - 8	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	122SB-2D(6-8)	122SB-3B(2.5-4)	122SB-3C(4-6)	122SB-3D(6-8)	122-SD(2)(0-0.5)	122SS-8(0-1)	122SS-9(0-1)	122SS-10(0-1)	122SS-11(0-1)	122SS-12(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
4-Methylphenol	106-44-5	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
4-Nitroaniline	100-01-6	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
4-Nitrophenol	100-02-7	mg/kg							< 11.4 U	< 11.4 U	< 21.8 U	< 19.3 U	< 9.96 U
Acenaphthene	83-32-9	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Acenaphthylene	208-96-8	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Aniline	62-53-3	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Anthracene	120-12-7	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Benz(a)anthracene	56-55-3	mg/kg							3.13	< 2.22 U	< 4.23 U	11.3	< 1.93 U
Benzo(a)pyrene	50-32-8	mg/kg							< 2.21 U	< 2.22 U	4.83	16.3	< 1.93 U
Benzo(b)fluoranthene	205-99-2	mg/kg							3.06	< 2.22 U	6.38	19.3	< 1.93 U
Benzo(g,h,i)perylene	191-24-2	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Benzo(k)fluoranthene	207-08-9	mg/kg							3.06	< 2.22 U	6.38	19.3	< 1.93 U
Benzyl alcohol	100-51-6	mg/kg											
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Butylbenzyl phthalate	85-68-7	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Carbazole	86-74-8	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Chrysene	218-01-9	mg/kg							3.14	< 2.22 U	4.87	17.1	< 1.93 U
Cresols	1319-77-3	mg/kg											
Dibenz(a,h)anthracene	53-70-3	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Dibenzofuran	132-64-9	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Dichlorobenzenes	25321-22-6	mg/kg											
Dicyclopentadiene	77-73-6	mg/kg											
Diethylphthalate	84-66-2	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Dimethylphthalate	131-11-3	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
di-n-Butylphthalate	84-74-2	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
di-n-Octylphthalate	117-84-0	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Diphenylamine	122-39-4	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Fluoranthene	206-44-0	mg/kg							7.29	3.35	6.01	18.3	< 1.93 U
Fluorene	86-73-7	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Hexachlorobenzene	118-74-1	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Hexachlorobutadiene	87-68-3	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Hexachlorocyclopentadiene	77-47-4	mg/kg							< 3.35 UJ	< 3.35 UJ	< 6.4 UJ	< 5.67 UJ	< 2.92 UJ
Hexachloroethane	67-72-1	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	8.68	< 1.93 U
Isophorone	78-59-1	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Naphthalene	91-20-3	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
N-Nitrosodimethylamine	62-75-9	mg/kg											
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
n-Nitrosodiphenylamine	86-30-6	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Pentachlorophenol	87-86-5	mg/kg							< 11.4 U	< 11.4 U	< 21.8 U	< 19.3 U	< 9.96 U
Phenanthrene	85-01-8	mg/kg							26.4	2.22	< 4.23 U	9.5	< 1.93 U
Phenol	108-95-2	mg/kg							< 2.21 U	< 2.22 U	< 4.23 U	< 3.74 U	< 1.93 U
Pyrene	129-00-0	mg/kg							9.64	5.85	4.23	27.6	< 1.93 U
Pyridine	110-86-1	mg/kg											
TPH													
Gasoline range organics	GRO	mg/kg											
Oil & grease	OILGREASE	mg/kg											
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg							< 67 U	< 67.2 U	< 128 U	< 113 U	< 58.6 U
Total Petroleum Hydrocarbons	TPH	mg/kg											

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SB-002	D-122-SB-003	D-122-SB-003	D-122-SB-003	D-122-SD(2)	D-122-SS-008	D-122-SS-009	D-122-SS-010A	D-122-SS-011	D-122-SS-012
		Sample Date	3/3/1999	3/3/1999	3/3/1999	3/3/1999	2/22/2000	4/25/1997	4/25/1997	4/25/1997	4/25/1997	4/25/1997
		Depth Interval	6 - 8	2.5 - 4	4 - 6	6 - 8	0 - .5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	122SB-2D(6-8)	122SB-3B(2.5-4)	122SB-3C(4-6)	122SB-3D(6-8)	122-SD(2)(0-0.5)	122SS-8(0-1)	122SS-9(0-1)	122SS-10(0-1)	122SS-11(0-1)	122SS-12(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg										
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg										
1,1,2-Trichloroethane	79-00-5	mg/kg										
1,1-Dichloroethane	75-34-3	mg/kg										
1,1-Dichloroethene	75-35-4	mg/kg										
1,2,3-Trichlorobenzene	87-61-6	mg/kg										
1,2-Dichloroethane	107-06-2	mg/kg										
1,2-Dichloroethene (total)	540-59-0	mg/kg										
1,2-Dichloropropane	78-87-5	mg/kg										
1,3-Dichloropropane	142-28-9	mg/kg										
2,3,6-Trichlorophenol	933-75-5	mg/kg										
2-Butanone	78-93-3	mg/kg										
2-Chloroethyl vinyl ether	110-75-8	mg/kg										
2-Hexanone	591-78-6	mg/kg										
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg										
Acetone	67-64-1	mg/kg										
Acetonitrile	75-05-8	mg/kg										
Acrylonitrile	107-13-1	mg/kg										
Benzene	71-43-2	mg/kg										
Bromodichloromethane	75-27-4	mg/kg										
Bromoform	75-25-2	mg/kg										
Bromomethane	74-83-9	mg/kg										
Carbon disulfide	75-15-0	mg/kg										
Carbon tetrachloride	56-23-5	mg/kg										
Chlorobenzene	108-90-7	mg/kg										
Chloroethane	75-00-3	mg/kg										
Chloroform	67-66-3	mg/kg										
Chloromethane	74-87-3	mg/kg										
cis-1,2-Dichloroethene	156-59-2	mg/kg										
cis-1,3-Dichloropropene	10061-01-5	mg/kg										
Dibromochloromethane	124-48-1	mg/kg										
Dibromochloropropane	96-12-8	mg/kg										
Dichlorodifluoromethane	75-71-8	mg/kg										
Ethyl benzene	100-41-4	mg/kg										
Methylene chloride	75-09-2	mg/kg										
m-Xylenes	108-38-3	mg/kg										
Styrene	100-42-5	mg/kg										
Tetrachloroethene	127-18-4	mg/kg										
Toluene	108-88-3	mg/kg										
trans-1,2-Dichloroethene	156-60-5	mg/kg										
trans-1,3-Dichloropropene	10061-02-6	mg/kg										
Trichloroethene	79-01-6	mg/kg										
Trichlorofluoromethane	75-69-4	mg/kg										
Vinyl chloride	75-01-4	mg/kg										
Xylenes	1330-20-7	mg/kg										
WetChem												
% Moisture	%Moist	%										
% Solids	%Solid	%	91.2	78.2	91.6	86.7	86.3					
Cyanide	57-12-5	mg/kg						26.6	23.8	< 0.5 U	< 0.5 U	0.82
Reactivity Cyanide	REACTCN	mg/kg										
Reactivity Sulfide	REACTSU	mg/kg										

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS-013	D-122-SS-014	D-122-SS-015	D-122-SS-016	D-122-SS-017	D-122-SS-018	D-122-SS-1-1	D-122-SS11-001	D-122-SS11-002	D-122-SS11-003
		Sample Date	4/25/1997	5/1/1997	5/1/1997	4/25/1997	4/25/1997	5/1/1997	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5
		Sample ID	122SS-13(0-1)	122SS-14(0-1)	122SS-15(0-1)	122SS-16(0-1)	122SS-17(0-1)	122SS-18(0-1)	122SS-1-1(0-0.5)	122SS11-1(0-0.5)	122SS11-2(0-0.5)	122SS11-3(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg										
1,3-Dinitrobenzene	99-65-0	mg/kg										
2,4,6-Trinitrotoluene	118-96-7	mg/kg										
3-Nitrotoluene	99-08-1	mg/kg										
HMX	2691-41-0	mg/kg										
Nitrobenzene	98-95-3	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Nitrobenzene	98-95-3	mg/kg										
Nitrocellulose	9004-70-0	mg/kg										
Nitroglycerin	55-63-0	mg/kg										
PETN	78-11-5	mg/kg										
RDX	121-82-4	mg/kg										
Tetryl	479-45-8	mg/kg										
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2,4-Dinitrotoluene	121-14-2	mg/kg										
2,6-Dinitrotoluene	606-20-2	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2,6-Dinitrotoluene	606-20-2	mg/kg										
Herbicide												
2,4,5-TP (Silvex)	93-72-1	mg/kg										
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg										
Metals												
Aluminum	7429-90-5	mg/kg	2500	2230	1290							
Antimony	7440-36-0	mg/kg	0.11	0.06	0.07							
Arsenic	7440-38-2	mg/kg	3.29	1.98	3.3							
Barium	7440-39-3	mg/kg	71.8	41.2	104							
Beryllium	7440-41-7	mg/kg	0.32	0.21	0.2							
Cadmium	7440-43-9	mg/kg	1.55	2.45	1.88							
Calcium	7440-70-2	mg/kg	3630	2580	647							
Chromium	7440-47-3	mg/kg	4.18	6.98	3.18							
Cobalt	7440-48-4	mg/kg	2.21	2.56	1.35							
Copper	7440-50-8	mg/kg	14.1	20.2	11.2							
Iron	7439-89-6	mg/kg	1930	3120	1430							
Lead	7439-92-1	mg/kg	54.5	58.5	16.4							
Magnesium	7439-95-4	mg/kg	998	724	308							
Manganese	7439-96-5	mg/kg	403	92.5	256							
Mercury	7439-97-6	mg/kg	0.14	0.16	< 0.02 U							
Nickel	7440-02-0	mg/kg	2.47 B	2.51 B	1.66 B							
Potassium	7440-09-7	mg/kg	247	340	152							
Selenium	7782-49-2	mg/kg	0.25 B	< 0.25 U	< 0.25 U							
Silver	7440-22-4	mg/kg	22.8	0.17	0.11							
Sodium	7440-23-5	mg/kg	60.1	< 100 U	< 100 U							
Thallium	7440-28-0	mg/kg	0.02	0.03	0.02							
Vanadium	7440-62-2	mg/kg	4.23	7.39	4.78							
Zinc	7440-66-6	mg/kg	231	140	36.8 B							

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS-013	D-122-SS-014	D-122-SS-015	D-122-SS-016	D-122-SS-017	D-122-SS-018	D-122-SS-1-1	D-122-SS11-001	D-122-SS11-002	D-122-SS11-003
		Sample Date	4/25/1997	5/1/1997	5/1/1997	4/25/1997	4/25/1997	5/1/1997	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5
		Sample ID	122SS-13(0-1)	122SS-14(0-1)	122SS-15(0-1)	122SS-16(0-1)	122SS-17(0-1)	122SS-18(0-1)	122SS-1-1(0-0.5)	122SS11-1(0-0.5)	122SS11-2(0-0.5)	122SS11-3(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
Other												
1,4-Oxathiane	15980-15-1	mg/kg										
Corrositivity	CORR	No Unit										
Dithiane	51330-42-8	mg/kg										
PCBs												
Aroclor 1016	12674-11-2	mg/kg							< 0.26 UD	< 0.44 UD	< 45 UD	< 0.38 UD
Aroclor 1016	12674-11-2	mg/kg										
Aroclor 1221	11104-28-2	mg/kg	< 0.217 U	< 0.25 U	< 0.238 U	< 0.278 U	< 0.445 U	< 0.261 U	< 0.26 UD	< 0.44 UD	< 45 UD	< 0.38 UD
Aroclor 1232	11141-16-5	mg/kg							< 0.26 UD	< 0.44 UD	< 45 UD	< 0.38 UD
Aroclor 1242	53469-21-9	mg/kg	< 0.217 U	< 0.25 U	< 0.238 U	< 0.278 U	< 0.445 U	< 0.261 U	< 0.26 UD	< 0.44 UD	< 45 UD	< 0.38 UD
Aroclor 1248	12672-29-6	mg/kg	< 0.217 U	7701 D	0.79	< 0.278 U	< 0.445 U	< 0.261 U	< 0.26 UD	< 0.44 UD	< 45 UD	< 0.38 UD
Aroclor 1254	11097-69-1	mg/kg	0.39	< 0.25 U	0.38	0.29	< 0.445 U	< 0.261 U	1.6 D	4.5 D	140 D	2.8 D
Aroclor 1260	11096-82-5	mg/kg							< 0.26 UD	< 0.44 UD	< 45 UD	< 0.38 UD
Aroclor 1260	11096-82-5	mg/kg										
Aroclor 1262	37324-23-5	mg/kg										
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg	< 0.217 U	< 0.25 U	0.5	< 0.278 U	< 0.445 U	< 0.261 U				
Pesticides												
4,4'-DDD	72-54-8	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
4,4'-DDD	72-54-8	mg/kg										
4,4'-DDE	72-55-9	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
4,4'-DDE	72-55-9	mg/kg										
4,4'-DDT	50-29-3	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
4,4'-DDT	50-29-3	mg/kg										
Aldrin	309-00-2	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Aldrin	309-00-2	mg/kg										
alpha-BHC	319-84-6	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
alpha-BHC	319-84-6	mg/kg										
alpha-Chlordane	5103-71-9	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Atrazine	1912-24-9	mg/kg										
beta-BHC	319-85-7	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
beta-BHC	319-85-7	mg/kg										
Chlordane	57-74-9	mg/kg										
Chlordane	57-74-9	mg/kg										
delta-BHC	319-86-8	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
delta-BHC	319-86-8	mg/kg										
Diazinon	333-41-5	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Dieldrin	60-57-1	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Dieldrin	60-57-1	mg/kg										
Endosulfan I	959-98-8	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Endosulfan I	959-98-8	mg/kg										
Endosulfan II	33213-65-9	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Endosulfan II	33213-65-9	mg/kg										
Endosulfan sulfate	1031-07-8	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Endosulfan sulfate	1031-07-8	mg/kg										
Endrin	72-20-8	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Endrin	72-20-8	mg/kg										
Endrin aldehyde	7421-93-4	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Endrin ketone	53494-70-5	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
gamma-BHC (Lindane)	58-89-9	mg/kg										
gamma-Chlordane	5103-74-2	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Heptachlor	76-44-8	mg/kg	< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-122-SS-013	D-122-SS-014	D-122-SS-015	D-122-SS-016	D-122-SS-017	D-122-SS-018	D-122-SS-1-1	D-122-SS11-001	D-122-SS11-002	D-122-SS11-003
			Sample Date	4/25/1997	5/1/1997	5/1/1997	4/25/1997	4/25/1997	5/1/1997	10/8/1999	10/8/1999	10/8/1999	10/8/1999
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5
			Sample ID	122SS-13(0-1)	122SS-14(0-1)	122SS-15(0-1)	122SS-16(0-1)	122SS-17(0-1)	122SS-18(0-1)	122SS-1-1(0-0.5)	122SS11-1(0-0.5	122SS11-2(0-0.5	122SS11-3(0-0.5
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Heptachlor	76-44-8	mg/kg											
Heptachlor epoxide	1024-57-3	mg/kg		< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Heptachlor epoxide	1024-57-3	mg/kg											
Isodrin	465-73-6	mg/kg											
Isodrin	465-73-6	mg/kg											
Malathion	121-75-5	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Methoxychlor	72-43-5	mg/kg		< 0.0217 U	< 0.025 U	< 0.0238 U	< 0.0278 U	< 0.0445 U	< 0.0261 U				
Methoxychlor	72-43-5	mg/kg											
Mirex	2385-85-5	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Parathion	56-38-2	mg/kg											
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg											
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg											
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg											
Supona	470-90-6	mg/kg											
Toxaphene	8001-35-2	mg/kg		< 0.543 U	< 0.626 U	< 0.595 U	< 0.695 U	< 1.11 U	< 0.651 U				
Toxaphene	8001-35-2	mg/kg											
Vapona	62-73-7	mg/kg											
Radiological													
Cesium-134	13967-70-9	pCi/g											
Cesium-137	10045-97-3	pCi/g											
Cobalt-60	10198-40-0	pCi/g											
Gross Alpha	12587-46-1	pCi/g											
Gross beta	12587-47-2	pCi/g											
Zinc-65	13982-39-3	pCi/g											
SVOC													
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg											
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
1,2-Dichlorobenzene	95-50-1	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
1,2-Diphenylhydrazine	122-66-7	mg/kg											
1,3-Dichlorobenzene	541-73-1	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
1,3-Dichlorobenzene	541-73-1	mg/kg											
1,4-Dichlorobenzene	106-46-7	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 9.23 U	< 2.13 U	< 2.02 U	< 11.8 U	< 37.8 U	< 2.21 U				
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2,4-Dichlorophenol	120-83-2	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2,4-Dimethylphenol	105-67-9	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2,4-Dinitrophenol	51-28-5	mg/kg		< 15.6 UJ	< 3.37 UJ	< 3.22 UJ	< 13.94 UJ	< 44.4 UJ	< 3.52 UJ				
2,6-Dinitroaniline	606-22-4	mg/kg											
2-Chloronaphthalene	91-58-7	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2-Chlorophenol	95-57-8	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2-Methylnaphthalene	91-57-6	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2-Methylphenol	95-48-7	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2-Nitroaniline	88-74-4	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
2-Nitrophenol	88-75-5	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
3,5-Dinitroaniline	618-87-1	mg/kg											
3-Nitroaniline	99-09-2	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 9.23 U	< 3.37 UJ	< 3.22 UJ	< 11.8 U	< 37.8 U	< 3.52 UJ				
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
4-Chloroaniline	106-47-8	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS-013	D-122-SS-014	D-122-SS-015	D-122-SS-016	D-122-SS-017	D-122-SS-018	D-122-SS-1-1	D-122-SS11-001	D-122-SS11-002	D-122-SS11-003
		Sample Date	4/25/1997	5/1/1997	5/1/1997	4/25/1997	4/25/1997	5/1/1997	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5
		Sample ID	122SS-13(0-1)	122SS-14(0-1)	122SS-15(0-1)	122SS-16(0-1)	122SS-17(0-1)	122SS-18(0-1)	122SS-1-1(0-0.5)	122SS11-1(0-0.5	122SS11-2(0-0.5	122SS11-3(0-0.5
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
4-Methylphenol	106-44-5	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
4-Nitroaniline	100-01-6	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
4-Nitrophenol	100-02-7	mg/kg	< 9.23 U	< 2.13 U	< 2.02 U	< 11.8 U	< 37.8 U	< 2.21 U				
Acenaphthene	83-32-9	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Acenaphthylene	208-96-8	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Aniline	62-53-3	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Anthracene	120-12-7	mg/kg	2.32	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Benz(a)anthracene	56-55-3	mg/kg	7.23	1.44	0.47	5.78	< 7.34 U	< 0.43 U				
Benzo(a)pyrene	50-32-8	mg/kg	6.63	2.3	0.52	5.18	< 7.34 U	< 0.43 U				
Benzo(b)fluoranthene	205-99-2	mg/kg	6.13	2.94	0.48	7.81	< 7.34 U	< 0.43 U				
Benzo(g,h,i)perylene	191-24-2	mg/kg	4.54	< 0.413 U	< 0.393 U	3.79	< 7.34 U	< 0.43 U				
Benzo(k)fluoranthene	207-08-9	mg/kg	6.13	2.94	0.48	7.81	< 7.34 U	< 0.43 U				
Benzyl alcohol	100-51-6	mg/kg										
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Carbazole	86-74-8	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Chrysene	218-01-9	mg/kg	6.68	1.51	0.5	6.6	< 7.34 U	< 0.43 U				
Cresols	1319-77-3	mg/kg										
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Dibenzofuran	132-64-9	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Dichlorobenzenes	25321-22-6	mg/kg										
Dicyclopentadiene	77-73-6	mg/kg										
Diethylphthalate	84-66-2	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Dimethylphthalate	131-11-3	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
di-n-Butylphthalate	84-74-2	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
di-n-Octylphthalate	117-84-0	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Diphenylamine	122-39-4	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Fluoranthene	206-44-0	mg/kg	14.1	< 0.413 U	1.04	11.3	< 7.34 U	< 0.43 U				
Fluorene	86-73-7	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Hexachlorobenzene	118-74-1	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Hexachlorobutadiene	87-68-3	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 2.89 UJ	< 1.25 UJ	< 0.59 UJ	< 3.71 UJ	< 8.9 UJ	< 1.3 UJ				
Hexachloroethane	67-72-1	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	5.39	1.53	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Isophorone	78-59-1	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Naphthalene	91-20-3	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
N-Nitrosodimethylamine	62-75-9	mg/kg										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Pentachlorophenol	87-86-5	mg/kg	< 9.23 U	< 2.13 U	< 2.02 U	< 11.8 U	< 37.8 U	< 2.21 U				
Phenanthrene	85-01-8	mg/kg	8.03	0.93	0.79	7.21	< 7.34 U	< 0.43 U				
Phenol	108-95-2	mg/kg	< 1.79 U	< 0.413 U	< 0.393 U	< 2.3 U	< 7.34 U	< 0.43 U				
Pyrene	129-00-0	mg/kg	12.2	1.88	1.08	16.3	< 7.34 U	< 0.43 U				
Pyridine	110-86-1	mg/kg										
TPH												
Gasoline range organics	GRO	mg/kg										
Oil & grease	OILGREASE	mg/kg										
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	< 54.3 U	16.5	< 11.9 U	< 69.5 U	< 223 U	< 13 U				
Total Petroleum Hydrocarbons	TPH	mg/kg										

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS-013	D-122-SS-014	D-122-SS-015	D-122-SS-016	D-122-SS-017	D-122-SS-018	D-122-SS-1-1	D-122-SS11-001	D-122-SS11-002	D-122-SS11-003
		Sample Date	4/25/1997	5/1/1997	5/1/1997	4/25/1997	4/25/1997	5/1/1997	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5
		Sample ID	122SS-13(0-1)	122SS-14(0-1)	122SS-15(0-1)	122SS-16(0-1)	122SS-17(0-1)	122SS-18(0-1)	122SS-1-1(0-0.5)	122SS11-1(0-0.5	122SS11-2(0-0.5	122SS11-3(0-0.5
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg										
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg										
1,1,2-Trichloroethane	79-00-5	mg/kg										
1,1-Dichloroethane	75-34-3	mg/kg										
1,1-Dichloroethene	75-35-4	mg/kg										
1,2,3-Trichlorobenzene	87-61-6	mg/kg										
1,2-Dichloroethane	107-06-2	mg/kg										
1,2-Dichloroethene (total)	540-59-0	mg/kg										
1,2-Dichloropropane	78-87-5	mg/kg										
1,3-Dichloropropane	142-28-9	mg/kg										
2,3,6-Trichlorophenol	933-75-5	mg/kg										
2-Butanone	78-93-3	mg/kg										
2-Chloroethyl vinyl ether	110-75-8	mg/kg										
2-Hexanone	591-78-6	mg/kg										
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg										
Acetone	67-64-1	mg/kg										
Acetonitrile	75-05-8	mg/kg										
Acrylonitrile	107-13-1	mg/kg										
Benzene	71-43-2	mg/kg										
Bromodichloromethane	75-27-4	mg/kg										
Bromoform	75-25-2	mg/kg										
Bromomethane	74-83-9	mg/kg										
Carbon disulfide	75-15-0	mg/kg										
Carbon tetrachloride	56-23-5	mg/kg										
Chlorobenzene	108-90-7	mg/kg										
Chloroethane	75-00-3	mg/kg										
Chloroform	67-66-3	mg/kg										
Chloromethane	74-87-3	mg/kg										
cis-1,2-Dichloroethene	156-59-2	mg/kg										
cis-1,3-Dichloropropene	10061-01-5	mg/kg										
Dibromochloromethane	124-48-1	mg/kg										
Dibromochloropropane	96-12-8	mg/kg										
Dichlorodifluoromethane	75-71-8	mg/kg										
Ethyl benzene	100-41-4	mg/kg										
Methylene chloride	75-09-2	mg/kg										
m-Xylenes	108-38-3	mg/kg										
Styrene	100-42-5	mg/kg										
Tetrachloroethene	127-18-4	mg/kg										
Toluene	108-88-3	mg/kg										
trans-1,2-Dichloroethene	156-60-5	mg/kg										
trans-1,3-Dichloropropene	10061-02-6	mg/kg										
Trichloroethene	79-01-6	mg/kg										
Trichlorofluoromethane	75-69-4	mg/kg										
Vinyl chloride	75-01-4	mg/kg										
Xylenes	1330-20-7	mg/kg										
WetChem												
% Moisture	%Moist	%										
% Solids	%Solid	%							64.1	75.7	73.5	86.4
Cyanide	57-12-5	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U							
Reactivity Cyanide	REACTCN	mg/kg										
Reactivity Sulfide	REACTSU	mg/kg										

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-SS11-004	10/8/1999	0 - .5	122SS11-4(0-0.5	SO
			122	D-122-SS11-005	10/8/1999	0 - 1	122SS11-5(0-1)	SO
			122	D-122-SS-1-2	10/8/1999	0 - .5	122SS-1-2(0-0.5	SO
			122	D-122-SS12-001	10/8/1999	0 - .5	122SS12-1(0-0.5	SO
			122	D-122-SS12-002	10/8/1999	0 - .5	122SS12-2(0-0.5	SO
			122	D-122-SS12-003	10/8/1999	0 - .5	122SS12-3(0-0.5	SO
			122	D-122-SS12-004	10/8/1999	0 - .5	122SS12-4(0-0.5	SO
			122	D-122-SS12-005	10/8/1999	1 - 2	122SS12-5(1-2)	SO
			122	D-122-SS-1-3	10/8/1999	0 - .5	122SS-1-3(0-0.5	SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS11-004	D-122-SS11-005	D-122-SS-1-2	D-122-SS12-001	D-122-SS12-002	D-122-SS12-003	D-122-SS12-004	D-122-SS12-005	D-122-SS-1-3
		Sample Date	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - .5	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5	0 - .5	1 - 2	0 - .5
		Sample ID	122SS11-4(0-0.5	122SS11-5(0-1)	122SS-1-2(0-0.5	122SS12-1(0-0.5	122SS12-2(0-0.5	122SS12-3(0-0.5	122SS12-4(0-0.5	122SS12-5(1-2)	122SS-1-3(0-0.5
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Other											
1,4-Oxathiane	15980-15-1	mg/kg									
Corrositivity	CORR	No Unit									
Dithiane	51330-42-8	mg/kg									
PCBs											
Aroclor 1016	12674-11-2	mg/kg	< 0.19 UD	< 0.036 U	< 0.042 U	< 3.8 UD	< 0.37 UD	< 36 UD	< 0.37 UD	< 38 UD	< 0.035 U
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg	< 0.19 UD	< 0.036 U	< 0.042 U	< 3.8 UD	< 0.37 UD	< 36 UD	< 0.37 UD	< 38 UD	< 0.035 U
Aroclor 1232	11141-16-5	mg/kg	< 0.19 UD	< 0.036 U	< 0.042 U	< 3.8 UD	< 0.37 UD	< 36 UD	< 0.37 UD	< 38 UD	< 0.035 U
Aroclor 1242	53469-21-9	mg/kg	< 0.19 UD	< 0.036 U	< 0.042 U	< 3.8 UD	< 0.37 UD	< 36 UD	< 0.37 UD	< 38 UD	< 0.035 U
Aroclor 1248	12672-29-6	mg/kg	< 0.19 UD	< 0.036 U	< 0.042 U	< 3.8 UD	< 0.37 UD	< 36 UD	< 0.37 UD	< 38 UD	< 0.035 U
Aroclor 1254	11097-69-1	mg/kg	2.3 D	0.32	0.7	11 D	2.3 D	290 D	5.5 D	250 D	0.45
Aroclor 1260	11096-82-5	mg/kg	< 0.19 UD	< 0.036 U	< 0.042 U	< 3.8 UD	< 0.37 UD	< 36 UD	< 0.37 UD	< 38 UD	< 0.035 U
Aroclor 1260	11096-82-5	mg/kg									
Aroclor 1262	37324-23-5	mg/kg									
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg									
Pesticides											
4,4'-DDD	72-54-8	mg/kg									
4,4'-DDD	72-54-8	mg/kg									
4,4'-DDE	72-55-9	mg/kg									
4,4'-DDE	72-55-9	mg/kg									
4,4'-DDT	50-29-3	mg/kg									
4,4'-DDT	50-29-3	mg/kg									
Aldrin	309-00-2	mg/kg									
Aldrin	309-00-2	mg/kg									
alpha-BHC	319-84-6	mg/kg									
alpha-BHC	319-84-6	mg/kg									
alpha-Chlordane	5103-71-9	mg/kg									
Atrazine	1912-24-9	mg/kg									
beta-BHC	319-85-7	mg/kg									
beta-BHC	319-85-7	mg/kg									
Chlordane	57-74-9	mg/kg									
Chlordane	57-74-9	mg/kg									
delta-BHC	319-86-8	mg/kg									
delta-BHC	319-86-8	mg/kg									
Diazinon	333-41-5	mg/kg									
Dieldrin	60-57-1	mg/kg									
Dieldrin	60-57-1	mg/kg									
Endosulfan I	959-98-8	mg/kg									
Endosulfan I	959-98-8	mg/kg									
Endosulfan II	33213-65-9	mg/kg									
Endosulfan II	33213-65-9	mg/kg									
Endosulfan sulfate	1031-07-8	mg/kg									
Endosulfan sulfate	1031-07-8	mg/kg									
Endrin	72-20-8	mg/kg									
Endrin	72-20-8	mg/kg									
Endrin aldehyde	7421-93-4	mg/kg									
Endrin ketone	53494-70-5	mg/kg									
gamma-BHC (Lindane)	58-89-9	mg/kg									
gamma-BHC (Lindane)	58-89-9	mg/kg									
gamma-Chlordane	5103-74-2	mg/kg									
Heptachlor	76-44-8	mg/kg									

		Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS11-004	D-122-SS11-005	D-122-SS-1-2	D-122-SS12-001	D-122-SS12-002	D-122-SS12-003	D-122-SS12-004	D-122-SS12-005	D-122-SS-1-3
		Sample Date	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - .5	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5	0 - .5	1 - 2	0 - .5
		Sample ID	122SS11-4(0-0.5	122SS11-5(0-1)	122SS-1-2(0-0.5	122SS12-1(0-0.5	122SS12-2(0-0.5	122SS12-3(0-0.5	122SS12-4(0-0.5	122SS12-5(1-2)	122SS-1-3(0-0.5
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
Heptachlor	76-44-8	mg/kg									
Heptachlor epoxide	1024-57-3	mg/kg									
Heptachlor epoxide	1024-57-3	mg/kg									
Isodrin	465-73-6	mg/kg									
Isodrin	465-73-6	mg/kg									
Malathion	121-75-5	mg/kg									
Methoxychlor	72-43-5	mg/kg									
Methoxychlor	72-43-5	mg/kg									
Mirex	2385-85-5	mg/kg									
Parathion	56-38-2	mg/kg									
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg									
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg									
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg									
Supona	470-90-6	mg/kg									
Toxaphene	8001-35-2	mg/kg									
Toxaphene	8001-35-2	mg/kg									
Vapona	62-73-7	mg/kg									
Radiological											
Cesium-134	13967-70-9	pCi/g									
Cesium-137	10045-97-3	pCi/g									
Cobalt-60	10198-40-0	pCi/g									
Gross Alpha	12587-46-1	pCi/g									
Gross beta	12587-47-2	pCi/g									
Zinc-65	13982-39-3	pCi/g									
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg									
1,2,4-Trichlorobenzene	120-82-1	mg/kg									
1,2-Dichlorobenzene	95-50-1	mg/kg									
1,2-Diphenylhydrazine	122-66-7	mg/kg									
1,3-Dichlorobenzene	541-73-1	mg/kg									
1,3-Dichlorobenzene	541-73-1	mg/kg									
1,4-Dichlorobenzene	106-46-7	mg/kg									
2,4,5-Trichlorophenol	95-95-4	mg/kg									
2,4,6-Trichlorophenol	88-06-2	mg/kg									
2,4-Dichlorophenol	120-83-2	mg/kg									
2,4-Dimethylphenol	105-67-9	mg/kg									
2,4-Dinitrophenol	51-28-5	mg/kg									
2,6-Dinitroaniline	606-22-4	mg/kg									
2-Chloronaphthalene	91-58-7	mg/kg									
2-Chlorophenol	95-57-8	mg/kg									
2-Methylnaphthalene	91-57-6	mg/kg									
2-Methylphenol	95-48-7	mg/kg									
2-Nitroaniline	88-74-4	mg/kg									
2-Nitrophenol	88-75-5	mg/kg									
3,3'-Dichlorobenzidine	91-94-1	mg/kg									
3,5-Dinitroaniline	618-87-1	mg/kg									
3-Nitroaniline	99-09-2	mg/kg									
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg									
4-Bromophenyl phenyl ether	101-55-3	mg/kg									
4-Chloro-3-methylphenol	59-50-7	mg/kg									
4-Chloroaniline	106-47-8	mg/kg									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg									

		Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS11-004	D-122-SS11-005	D-122-SS-1-2	D-122-SS12-001	D-122-SS12-002	D-122-SS12-003	D-122-SS12-004	D-122-SS12-005	D-122-SS-1-3
		Sample Date	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999	10/8/1999
		Depth Interval	0 - .5	0 - 1	0 - .5	0 - .5	0 - .5	0 - .5	0 - .5	1 - 2	0 - .5
		Sample ID	122SS11-4(0-0.5	122SS11-5(0-1)	122SS-1-2(0-0.5	122SS12-1(0-0.5	122SS12-2(0-0.5	122SS12-3(0-0.5	122SS12-4(0-0.5	122SS12-5(1-2)	122SS-1-3(0-0.5
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
4-Methylphenol	106-44-5	mg/kg									
4-Nitroaniline	100-01-6	mg/kg									
4-Nitrophenol	100-02-7	mg/kg									
Acenaphthene	83-32-9	mg/kg									
Acenaphthylene	208-96-8	mg/kg									
Aniline	62-53-3	mg/kg									
Anthracene	120-12-7	mg/kg									
Benz(a)anthracene	56-55-3	mg/kg									
Benzo(a)pyrene	50-32-8	mg/kg									
Benzo(b)fluoranthene	205-99-2	mg/kg									
Benzo(g,h,i)perylene	191-24-2	mg/kg									
Benzo(k)fluoranthene	207-08-9	mg/kg									
Benzyl alcohol	100-51-6	mg/kg									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg									
bis(2-Chloroethyl)ether	111-44-4	mg/kg									
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg									
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg									
Butylbenzyl phthalate	85-68-7	mg/kg									
Carbazole	86-74-8	mg/kg									
Chrysene	218-01-9	mg/kg									
Cresols	1319-77-3	mg/kg									
Dibenz(a,h)anthracene	53-70-3	mg/kg									
Dibenzofuran	132-64-9	mg/kg									
Dichlorobenzenes	25321-22-6	mg/kg									
Dicyclopentadiene	77-73-6	mg/kg									
Diethylphthalate	84-66-2	mg/kg									
Dimethylphthalate	131-11-3	mg/kg									
di-n-Butylphthalate	84-74-2	mg/kg									
di-n-Octylphthalate	117-84-0	mg/kg									
Diphenylamine	122-39-4	mg/kg									
Fluoranthene	206-44-0	mg/kg									
Fluorene	86-73-7	mg/kg									
Hexachlorobenzene	118-74-1	mg/kg									
Hexachlorobutadiene	87-68-3	mg/kg									
Hexachlorocyclopentadiene	77-47-4	mg/kg									
Hexachloroethane	67-72-1	mg/kg									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg									
Isophorone	78-59-1	mg/kg									
Naphthalene	91-20-3	mg/kg									
N-Nitrosodimethylamine	62-75-9	mg/kg									
n-Nitroso-di-n-propylamine	621-64-7	mg/kg									
n-Nitrosodiphenylamine	86-30-6	mg/kg									
Pentachlorophenol	87-86-5	mg/kg									
Phenanthrene	85-01-8	mg/kg									
Phenol	108-95-2	mg/kg									
Pyrene	129-00-0	mg/kg									
Pyridine	110-86-1	mg/kg									
TPH											
Gasoline range organics	GRO	mg/kg									
Oil & grease	OILGREASE	mg/kg									
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg									
Total Petroleum Hydrocarbons	TPH	mg/kg									

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-SS11-004	10/8/1999	0 - .5	122SS11-4(0-0.5	SO
			122	D-122-SS11-005	10/8/1999	0 - 1	122SS11-5(0-1)	SO
			122	D-122-SS-1-2	10/8/1999	0 - .5	122SS-1-2(0-0.5	SO
			122	D-122-SS12-001	10/8/1999	0 - .5	122SS12-1(0-0.5	SO
			122	D-122-SS12-002	10/8/1999	0 - .5	122SS12-2(0-0.5	SO
			122	D-122-SS12-003	10/8/1999	0 - .5	122SS12-3(0-0.5	SO
			122	D-122-SS12-004	10/8/1999	0 - .5	122SS12-4(0-0.5	SO
			122	D-122-SS12-005	10/8/1999	1 - 2	122SS12-5(1-2)	SO
			122	D-122-SS-1-3	10/8/1999	0 - .5	122SS-1-3(0-0.5	SO
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2,3-Trichlorobenzene	87-61-6	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
1,3-Dichloropropane	142-28-9	mg/kg						
2,3,6-Trichlorophenol	933-75-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Chloroethyl vinyl ether	110-75-8	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Acrylonitrile	107-13-1	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dibromochloropropane	96-12-8	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Methylene chloride	75-09-2	mg/kg						
m-Xylenes	108-38-3	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Moisture	%Moist	%						
% Solids	%Solid	%	88.5	92.7	78.6	86.2	90.1	91.6
Cyanide	57-12-5	mg/kg						
Reactivity Cyanide	REACTCN	mg/kg						
Reactivity Sulfide	REACTSU	mg/kg						

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-SS12-006	10/8/1999	0 - .5	122SS12-6(0-0.5	SO
			122	D-122-SS12-007	10/8/1999	0 - .5	122SS12-7(0-0.5	SO
			122	D-122-SS12-008	10/8/1999	0 - .5	122SS12-8(0-0.5	SO
			122	D-122-SS12-009	10/8/1999	0 - .5	122SS12-9(0-0.5	SO
			122	D-122-SS12-010	10/8/1999	0 - .5	122SS12-10(0-0.5	SO
			122	D-122-SS12-011	10/8/1999	0 - .5	122SS12-11(0-0.5	SO
			122	D-122-SS12-012	10/8/1999	0 - .5	122SS12-12(0-0.5	SO
			122	D-122-SS12-013	10/8/1999	0 - .5	122SS12-13(0-0.5	SO
			122	D-122-SS12-014	10/8/1999	0 - .5	122SS12-14(0-0.5	SO
			122	D-122-SS12-015	10/8/1999	0 - .5	122SS12-15(0-0.5	SO
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2,3-Trichlorobenzene	87-61-6	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
1,3-Dichloropropane	142-28-9	mg/kg						
2,3,6-Trichlorophenol	933-75-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Chloroethyl vinyl ether	110-75-8	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Acrylonitrile	107-13-1	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dibromochloropropane	96-12-8	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Methylene chloride	75-09-2	mg/kg						
m-Xylenes	108-38-3	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Moisture	%Moist	%						
% Solids	%Solid	%	91.6	88.8	85.7	94.3	88.5	92.7
Cyanide	57-12-5	mg/kg						
Reactivity Cyanide	REACTCN	mg/kg						
Reactivity Sulfide	REACTSU	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS-1-4	D-122-SS-1-5	D-122-SS-E101CS	D-122-SS-W101CS	D-122-SS-W201CS	D-122-SS-W301CS	D-122-TP-1	D-122-TP-1	D-122-TP-1
		Sample Date	10/8/1999	10/8/1999	1/3/2000	1/3/2000	1/3/2000	1/3/2000	2/3/2000	2/3/2000	2/3/2000
		Depth Interval	0 - .5	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	2 - 3	0 - 1
		Sample ID	122SS-1-4(0-0.5)	122SS-1-5(1-2)	122SS-E101CS(0-1	122SS-W101CS(0-1)	122SS-W201CS(0-1)	122SS-W301CS(0-1)	122-TP-1B(1-2)	122-TP-1C(2-3)	122-TP-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg									
1,3-Dinitrobenzene	99-65-0	mg/kg									
2,4,6-Trinitrotoluene	118-96-7	mg/kg									
3-Nitrotoluene	99-08-1	mg/kg									
HMX	2691-41-0	mg/kg									
Nitrobenzene	98-95-3	mg/kg			< 50 U	< 50 U	< 50 U	< 50 U			
Nitrobenzene	98-95-3	mg/kg									
Nitrocellulose	9004-70-0	mg/kg									
Nitroglycerin	55-63-0	mg/kg									
PETN	78-11-5	mg/kg									
RDX	121-82-4	mg/kg									
Tetryl	479-45-8	mg/kg									
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg			< 50 U	< 50 U	< 50 U	< 50 U			
2,4-Dinitrotoluene	121-14-2	mg/kg									
2,6-Dinitrotoluene	606-20-2	mg/kg									
2,6-Dinitrotoluene	606-20-2	mg/kg									
Herbicide											
2,4,5-TP (Silvex)	93-72-1	mg/kg			< 100 U	< 100 U	< 100 U	< 100 U			
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg			< 500 U	< 500 U	< 500 U	< 500 U			
Metals											
Aluminum	7429-90-5	mg/kg									
Antimony	7440-36-0	mg/kg									
Arsenic	7440-38-2	mg/kg			< 10 U	< 10 U	< 10 U	< 10 U			
Barium	7440-39-3	mg/kg			< 10000 U	< 10000 U	< 10000 U	< 10000 U			
Beryllium	7440-41-7	mg/kg									
Cadmium	7440-43-9	mg/kg			44	56	130	18			
Calcium	7440-70-2	mg/kg									
Chromium	7440-47-3	mg/kg			< 5 U	< 5 U	5.4	< 5 U			
Cobalt	7440-48-4	mg/kg									
Copper	7440-50-8	mg/kg									
Iron	7439-89-6	mg/kg									
Lead	7439-92-1	mg/kg			38	230	340	51			
Magnesium	7439-95-4	mg/kg									
Manganese	7439-96-5	mg/kg									
Mercury	7439-97-6	mg/kg			< 2 U	< 2 U	< 2 U	< 2 U			
Nickel	7440-02-0	mg/kg									
Potassium	7440-09-7	mg/kg									
Selenium	7782-49-2	mg/kg			< 5 U	< 5 U	< 5 U	< 5 U			
Silver	7440-22-4	mg/kg			< 5 U	< 5 U	< 5 U	< 5 U			
Sodium	7440-23-5	mg/kg									
Thallium	7440-28-0	mg/kg									
Vanadium	7440-62-2	mg/kg									
Zinc	7440-66-6	mg/kg									

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-SS-1-4	D-122-SS-1-5	D-122-SS-E101CS	D-122-SS-W101CS	D-122-SS-W201CS	D-122-SS-W301CS	D-122-TP-1	D-122-TP-1	D-122-TP-1
		Sample Date	10/8/1999	10/8/1999	1/3/2000	1/3/2000	1/3/2000	1/3/2000	2/3/2000	2/3/2000	2/3/2000
		Depth Interval	0 - .5	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	2 - 3	0 - 1
		Sample ID	122SS-1-4(0-0.5)	122SS-1-5(1-2)	122SS-E101CS(0-1)	122SS-W101CS(0-1)	122SS-W201CS(0-1)	122SS-W301CS(0-1)	122-TP-1B(1-2)	122-TP-1C(2-3)	122-TP-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Other											
1,4-Oxathiane	15980-15-1	mg/kg									
Corrositivity	CORR	No Unit			7.6	7.3	7.4	7.2			
Dithiane	51330-42-8	mg/kg									
PCBs											
Aroclor 1016	12674-11-2	mg/kg	< 40 UD	< 0.037 UJ					< 0.041 UJ	< 0.038 UJ	< 0.039 UJ
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg	< 40 UD	< 0.037 UJ					< 0.041 U	< 0.038 U	< 0.039 U
Aroclor 1232	11141-16-5	mg/kg	< 40 UD	< 0.037 UJ					< 0.041 U	< 0.038 U	< 0.039 U
Aroclor 1242	53469-21-9	mg/kg	< 40 UD	< 0.037 UJ					< 0.041 U	< 0.038 U	< 0.039 U
Aroclor 1248	12672-29-6	mg/kg	< 40 UD	< 0.037 UJ					< 0.041 U	< 0.038 U	< 0.039 U
Aroclor 1254	11097-69-1	mg/kg	180 D	0.21 J					0.02 J	< 0.038 U	0.24
Aroclor 1260	11096-82-5	mg/kg	< 40 UD	< 0.037 UJ					< 0.041 UJ	< 0.038 UJ	< 0.039 UJ
Aroclor 1260	11096-82-5	mg/kg									
Aroclor 1262	37324-23-5	mg/kg									
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg									
Pesticides											
4,4'-DDD	72-54-8	mg/kg									
4,4'-DDD	72-54-8	mg/kg									
4,4'-DDE	72-55-9	mg/kg									
4,4'-DDE	72-55-9	mg/kg									
4,4'-DDT	50-29-3	mg/kg									
4,4'-DDT	50-29-3	mg/kg									
Aldrin	309-00-2	mg/kg									
Aldrin	309-00-2	mg/kg									
alpha-BHC	319-84-6	mg/kg									
alpha-BHC	319-84-6	mg/kg									
alpha-Chlordane	5103-71-9	mg/kg									
Atrazine	1912-24-9	mg/kg									
beta-BHC	319-85-7	mg/kg									
beta-BHC	319-85-7	mg/kg									
Chlordane	57-74-9	mg/kg			< 5 U	< 5 U	< 5 U	< 5 U			
Chlordane	57-74-9	mg/kg									
delta-BHC	319-86-8	mg/kg									
delta-BHC	319-86-8	mg/kg									
Diazinon	333-41-5	mg/kg									
Dieldrin	60-57-1	mg/kg									
Dieldrin	60-57-1	mg/kg									
Endosulfan I	959-98-8	mg/kg									
Endosulfan I	959-98-8	mg/kg									
Endosulfan II	33213-65-9	mg/kg									
Endosulfan II	33213-65-9	mg/kg									
Endosulfan sulfate	1031-07-8	mg/kg									
Endosulfan sulfate	1031-07-8	mg/kg									
Endrin	72-20-8	mg/kg			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U			
Endrin	72-20-8	mg/kg									
Endrin aldehyde	7421-93-4	mg/kg									
Endrin ketone	53494-70-5	mg/kg									
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U			
gamma-BHC (Lindane)	58-89-9	mg/kg									
gamma-Chlordane	5103-74-2	mg/kg									
Heptachlor	76-44-8	mg/kg			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U			

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122
			Location ID	D-122-SS-1-4	D-122-SS-1-5	D-122-SS-E101CS	D-122-SS-W101CS	D-122-SS-W201CS	D-122-SS-W301CS	D-122-TP-1	D-122-TP-1	D-122-TP-1
			Sample Date	10/8/1999	10/8/1999	1/3/2000	1/3/2000	1/3/2000	1/3/2000	2/3/2000	2/3/2000	2/3/2000
			Depth Interval	0 - .5	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	2 - 3	0 - 1
			Sample ID	122SS-1-4(0-0.5)	122SS-1-5(1-2)	122SS-E101CS(0-1)	122SS-W101CS(0-1)	122SS-W201CS(0-1)	122SS-W301CS(0-1)	122-TP-1B(1-2)	122-TP-1C(2-3)	122-TP-1A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Heptachlor	76-44-8	mg/kg										
Heptachlor epoxide	1024-57-3	mg/kg				< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U			
Heptachlor epoxide	1024-57-3	mg/kg										
Isodrin	465-73-6	mg/kg										
Isodrin	465-73-6	mg/kg										
Malathion	121-75-5	mg/kg										
Methoxychlor	72-43-5	mg/kg				< 1 U	< 1 U	< 1 U	< 1 U			
Methoxychlor	72-43-5	mg/kg										
Mirex	2385-85-5	mg/kg										
Parathion	56-38-2	mg/kg										
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg										
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg										
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg										
Supona	470-90-6	mg/kg										
Toxaphene	8001-35-2	mg/kg				< 20 U	< 20 U	< 20 U	< 20 U			
Toxaphene	8001-35-2	mg/kg										
Vapona	62-73-7	mg/kg										
Radiological												
Cesium-134	13967-70-9	pCi/g										
Cesium-137	10045-97-3	pCi/g										
Cobalt-60	10198-40-0	pCi/g										
Gross Alpha	12587-46-1	pCi/g										
Gross beta	12587-47-2	pCi/g										
Zinc-65	13982-39-3	pCi/g										
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg										
1,2,4-Trichlorobenzene	120-82-1	mg/kg										
1,2-Dichlorobenzene	95-50-1	mg/kg										
1,2-Diphenylhydrazine	122-66-7	mg/kg										
1,3-Dichlorobenzene	541-73-1	mg/kg										
1,3-Dichlorobenzene	541-73-1	mg/kg										
1,4-Dichlorobenzene	106-46-7	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
2,4,6-Trichlorophenol	88-06-2	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
2,4-Dichlorophenol	120-83-2	mg/kg										
2,4-Dimethylphenol	105-67-9	mg/kg										
2,4-Dinitrophenol	51-28-5	mg/kg										
2,6-Dinitroaniline	606-22-4	mg/kg										
2-Chloronaphthalene	91-58-7	mg/kg										
2-Chlorophenol	95-57-8	mg/kg										
2-Methylnaphthalene	91-57-6	mg/kg										
2-Methylphenol	95-48-7	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
2-Nitroaniline	88-74-4	mg/kg										
2-Nitrophenol	88-75-5	mg/kg										
3,3'-Dichlorobenzidine	91-94-1	mg/kg										
3,5-Dinitroaniline	618-87-1	mg/kg										
3-Nitroaniline	99-09-2	mg/kg										
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg										
4-Bromophenyl phenyl ether	101-55-3	mg/kg										
4-Chloro-3-methylphenol	59-50-7	mg/kg										
4-Chloroaniline	106-47-8	mg/kg										
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg										

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122
			Location ID	D-122-SS-1-4	D-122-SS-1-5	D-122-SS-E101CS	D-122-SS-W101CS	D-122-SS-W201CS	D-122-SS-W301CS	D-122-TP-1	D-122-TP-1	D-122-TP-1
			Sample Date	10/8/1999	10/8/1999	1/3/2000	1/3/2000	1/3/2000	1/3/2000	2/3/2000	2/3/2000	2/3/2000
			Depth Interval	0 - .5	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	2 - 3	0 - 1
			Sample ID	122SS-1-4(0-0.5)	122SS-1-5(1-2)	122SS-E101CS(0-1	122SS-W101CS(0-1)	122SS-W201CS(0-1)	122SS-W301CS(0-1)	122-TP-1B(1-2)	122-TP-1C(2-3)	122-TP-1A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
4-Methylphenol	106-44-5	mg/kg				< 100 U#	< 100 U#	< 100 U#	< 100 U#			
4-Nitroaniline	100-01-6	mg/kg										
4-Nitrophenol	100-02-7	mg/kg										
Acenaphthene	83-32-9	mg/kg										
Acenaphthylene	208-96-8	mg/kg										
Aniline	62-53-3	mg/kg										
Anthracene	120-12-7	mg/kg										
Benz(a)anthracene	56-55-3	mg/kg										
Benzo(a)pyrene	50-32-8	mg/kg										
Benzo(b)fluoranthene	205-99-2	mg/kg										
Benzo(g,h,i)perylene	191-24-2	mg/kg										
Benzo(k)fluoranthene	207-08-9	mg/kg										
Benzyl alcohol	100-51-6	mg/kg										
bis(2-Chloroethoxy)methane	111-91-1	mg/kg										
bis(2-Chloroethyl)ether	111-44-4	mg/kg										
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg										
Butylbenzyl phthalate	85-68-7	mg/kg										
Carbazole	86-74-8	mg/kg										
Chrysene	218-01-9	mg/kg										
Cresols	1319-77-3	mg/kg					< 50 U					
Dibenz(a,h)anthracene	53-70-3	mg/kg										
Dibenzofuran	132-64-9	mg/kg										
Dichlorobenzenes	25321-22-6	mg/kg										
Dicyclopentadiene	77-73-6	mg/kg										
Diethylphthalate	84-66-2	mg/kg										
Dimethylphthalate	131-11-3	mg/kg										
di-n-Butylphthalate	84-74-2	mg/kg										
di-n-Octylphthalate	117-84-0	mg/kg										
Diphenylamine	122-39-4	mg/kg										
Fluoranthene	206-44-0	mg/kg										
Fluorene	86-73-7	mg/kg										
Hexachlorobenzene	118-74-1	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
Hexachlorobutadiene	87-68-3	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg										
Hexachloroethane	67-72-1	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg										
Isophorone	78-59-1	mg/kg										
Naphthalene	91-20-3	mg/kg										
N-Nitrosodimethylamine	62-75-9	mg/kg										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg										
n-Nitrosodiphenylamine	86-30-6	mg/kg										
Pentachlorophenol	87-86-5	mg/kg				< 100 U	< 100 U	< 100 U	< 100 U			
Phenanthrene	85-01-8	mg/kg										
Phenol	108-95-2	mg/kg										
Pyrene	129-00-0	mg/kg										
Pyridine	110-86-1	mg/kg				< 100 U	< 100 U	< 100 U	< 100 U			
TPH												
Gasoline range organics	GRO	mg/kg										
Oil & grease	OILGREASE	mg/kg				310	< 257 U	411	< 227 U			
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg										
Total Petroleum Hydrocarbons	TPH	mg/kg				470 D	860 D	1000 D	460 D			

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122
			Location ID	D-122-SS-1-4	D-122-SS-1-5	D-122-SS-E101CS	D-122-SS-W101CS	D-122-SS-W201CS	D-122-SS-W301CS	D-122-TP-1	D-122-TP-1	D-122-TP-1
			Sample Date	10/8/1999	10/8/1999	1/3/2000	1/3/2000	1/3/2000	1/3/2000	2/3/2000	2/3/2000	2/3/2000
			Depth Interval	0 - .5	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	2 - 3	0 - 1
			Sample ID	122SS-1-4(0-0.5)	122SS-1-5(1-2)	122SS-E101CS(0-1)	122SS-W101CS(0-1)	122SS-W201CS(0-1)	122SS-W301CS(0-1)	122-TP-1B(1-2)	122-TP-1C(2-3)	122-TP-1A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg										
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg										
1,1,2-Trichloroethane	79-00-5	mg/kg										
1,1-Dichloroethane	75-34-3	mg/kg										
1,1-Dichloroethene	75-35-4	mg/kg				< 70 U	< 70 U	< 70 U	< 70 U			
1,2,3-Trichlorobenzene	87-61-6	mg/kg										
1,2-Dichloroethane	107-06-2	mg/kg				< 25 U	< 25 U	< 25 U	< 25 U			
1,2-Dichloroethene (total)	540-59-0	mg/kg										
1,2-Dichloropropane	78-87-5	mg/kg										
1,3-Dichloropropane	142-28-9	mg/kg										
2,3,6-Trichlorophenol	933-75-5	mg/kg										
2-Butanone	78-93-3	mg/kg				< 20000 U	< 20000 U	< 20000 U	< 20000 U			
2-Chloroethyl vinyl ether	110-75-8	mg/kg										
2-Hexanone	591-78-6	mg/kg										
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg										
Acetone	67-64-1	mg/kg										
Acetonitrile	75-05-8	mg/kg										
Acrylonitrile	107-13-1	mg/kg										
Benzene	71-43-2	mg/kg				< 25 U	< 25 U	< 25 U	< 25 U			
Bromodichloromethane	75-27-4	mg/kg										
Bromoform	75-25-2	mg/kg										
Bromomethane	74-83-9	mg/kg										
Carbon disulfide	75-15-0	mg/kg										
Carbon tetrachloride	56-23-5	mg/kg				< 25 U	< 25 U	< 25 U	< 25 U			
Chlorobenzene	108-90-7	mg/kg				< 25 U	< 25 U	< 25 U	< 25 U			
Chloroethane	75-00-3	mg/kg										
Chloroform	67-66-3	mg/kg				< 25 U	< 25 U	< 25 U	< 25 U			
Chloromethane	74-87-3	mg/kg										
cis-1,2-Dichloroethene	156-59-2	mg/kg										
cis-1,3-Dichloropropene	10061-01-5	mg/kg										
Dibromochloromethane	124-48-1	mg/kg										
Dibromochloropropane	96-12-8	mg/kg										
Dichlorodifluoromethane	75-71-8	mg/kg										
Ethyl benzene	100-41-4	mg/kg										
Methylene chloride	75-09-2	mg/kg										
m-Xylenes	108-38-3	mg/kg										
Styrene	100-42-5	mg/kg										
Tetrachloroethene	127-18-4	mg/kg				< 70 U	< 70 U	< 70 U	< 70 U			
Toluene	108-88-3	mg/kg						< 25 U				
trans-1,2-Dichloroethene	156-60-5	mg/kg										
trans-1,3-Dichloropropene	10061-02-6	mg/kg										
Trichloroethene	79-01-6	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
Trichlorofluoromethane	75-69-4	mg/kg										
Vinyl chloride	75-01-4	mg/kg				< 50 U	< 50 U	< 50 U	< 50 U			
Xylenes	1330-20-7	mg/kg										
WetChem												
% Moisture	%Moist	%										
% Solids	%Solid	%	82.4	89.5	82.7	77.7	89.3	88.3	79.8	87.6	84.3	
Cyanide	57-12-5	mg/kg										
Reactivity Cyanide	REACTCN	mg/kg				< 240 U	< 260 U	< 220 U	< 230 U			
Reactivity Sulfide	REACTSU	mg/kg				< 240 U	< 260 U	< 220 U	< 230 U			

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
Explosives			122	D-122-W1-EB-1	1/27/2000	2 - 2.5	122-W1-EB-1(2-2.5)	SO	122	D-122-W1-SW-EA	1/27/2000	0 - .5	122-W1-SW-EA(0-0.5)	SO	122	D-122-W1-SW-NA	8/4/2000	.5 - 1	122-W1-SW-NA(0.5-1)	SO	122	D-122-W1-SW-SA	1/27/2000	0 - .5	122-W1-SW-SA(0-0.5)	SO	122	D-122-W1-SW-WA	1/27/2000	0 - .5	122-W1-SW-WA(0-0.5)	SO	122	D-122-W2-EB-2	1/27/2000	3.5 - 4	122-W2-EB-2(3.5-4)	SO	122	D-122-W2-SW-EA	1/26/2000	0 - .5	122-W2-SW-EA(0-0.5)	SO
1,3,5-Trinitrobenzene	99-35-4	mg/kg																																				
1,3-Dinitrobenzene	99-65-0	mg/kg																																				
2,4,6-Trinitrotoluene	118-96-7	mg/kg																																				
3-Nitrotoluene	99-08-1	mg/kg																																				
HMX	2691-41-0	mg/kg																																				
Nitrobenzene	98-95-3	mg/kg																																				
Nitrobenzene	98-95-3	mg/kg																																				
Nitrocellulose	9004-70-0	mg/kg																																				
Nitroglycerin	55-63-0	mg/kg																																				
PETN	78-11-5	mg/kg																																				
RDX	121-82-4	mg/kg																																				
Tetryl	479-45-8	mg/kg																																				
Explosives / SVOC																																						
2,4-Dinitrotoluene	121-14-2	mg/kg																																				
2,4-Dinitrotoluene	121-14-2	mg/kg																																				
2,6-Dinitrotoluene	606-20-2	mg/kg																																				
2,6-Dinitrotoluene	606-20-2	mg/kg																																				
Herbicide																																						
2,4,5-TP (Silvex)	93-72-1	mg/kg																																				
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg																																				
Metals																																						
Aluminum	7429-90-5	mg/kg																																				
Antimony	7440-36-0	mg/kg																																				
Arsenic	7440-38-2	mg/kg																																				
Barium	7440-39-3	mg/kg																																				
Beryllium	7440-41-7	mg/kg																																				
Cadmium	7440-43-9	mg/kg																																				
Calcium	7440-70-2	mg/kg																																				
Chromium	7440-47-3	mg/kg																																				
Cobalt	7440-48-4	mg/kg																																				
Copper	7440-50-8	mg/kg																																				
Iron	7439-89-6	mg/kg																																				
Lead	7439-92-1	mg/kg																																				
Magnesium	7439-95-4	mg/kg																																				
Manganese	7439-96-5	mg/kg																																				
Mercury	7439-97-6	mg/kg																																				
Nickel	7440-02-0	mg/kg																																				
Potassium	7440-09-7	mg/kg																																				
Selenium	7782-49-2	mg/kg																																				
Silver	7440-22-4	mg/kg																																				
Sodium	7440-23-5	mg/kg																																				
Thallium	7440-28-0	mg/kg																																				
Vanadium	7440-62-2	mg/kg																																				
Zinc	7440-66-6	mg/kg																																				

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122
		Location ID	D-122-W1-EB-1	D-122-W1-SW-EA	D-122-W1-SW-NA	D-122-W1-SW-SA	D-122-W1-SW-WA	D-122-W2-EB-2	D-122-W2-SW-EA
		Sample Date	1/27/2000	1/27/2000	8/4/2000	1/27/2000	1/27/2000	1/27/2000	1/26/2000
		Depth Interval	2 - 2.5	0 - .5	.5 - 1	0 - .5	0 - .5	3.5 - 4	0 - .5
		Sample ID	122-W1-EB-1(2-2.5)	122-W1-SW-EA(0-0.5)	122-W1-SW-NA(0.5-1)	122-W1-SW-SA(0-0.5)	122-W1-SW-WA(0-0.5)	122-W2-EB-2(3.5-4)	122-W2-SW-EA(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Other									
1,4-Oxathiane	15980-15-1	mg/kg							
Corrositivity	CORR	No Unit							
Dithiane	51330-42-8	mg/kg							
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.036 U	< 0.046 U	< 0.039 U	< 0.039 U	< 0.04 UJ	< 0.033 U	< 0.093 UD
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg	< 0.036 U	< 0.046 U	< 0.039 U	< 0.039 U	< 0.04 UJ	< 0.033 U	< 0.093 UD
Aroclor 1232	11141-16-5	mg/kg	< 0.036 U	< 0.046 U	< 0.039 U	< 0.039 U	< 0.04 UJ	< 0.033 U	< 0.093 UD
Aroclor 1242	53469-21-9	mg/kg	< 0.036 U	< 0.046 U	< 0.039 U	< 0.039 U	< 0.04 UJ	< 0.033 U	< 0.093 UD
Aroclor 1248	12672-29-6	mg/kg	0.05	< 0.046 U	< 0.039 U	< 0.039 U	< 0.04 UJ	0.08	0.48 D
Aroclor 1254	11097-69-1	mg/kg	< 0.036 U	< 0.046 U	0.13	< 0.039 U	< 0.04 UJ	< 0.033 U	< 0.093 UD
Aroclor 1260	11096-82-5	mg/kg	< 0.036 U	0.07	< 0.039 U	0.26	< 0.04 UJ	< 0.033 U	< 0.093 UD
Aroclor 1260	11096-82-5	mg/kg							
Aroclor 1262	37324-23-5	mg/kg							
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg							
Pesticides									
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-Chlordane	5103-71-9	mg/kg							
Atrazine	1912-24-9	mg/kg							
beta-BHC	319-85-7	mg/kg							
beta-BHC	319-85-7	mg/kg							
Chlordane	57-74-9	mg/kg							
Chlordane	57-74-9	mg/kg							
delta-BHC	319-86-8	mg/kg							
delta-BHC	319-86-8	mg/kg							
Diazinon	333-41-5	mg/kg							
Dieldrin	60-57-1	mg/kg							
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin aldehyde	7421-93-4	mg/kg							
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-Chlordane	5103-74-2	mg/kg							
Heptachlor	76-44-8	mg/kg							

		Site Name	122	122	122	122	122	122	122
		Location ID	D-122-W1-EB-1	D-122-W1-SW-EA	D-122-W1-SW-NA	D-122-W1-SW-SA	D-122-W1-SW-WA	D-122-W2-EB-2	D-122-W2-SW-EA
		Sample Date	1/27/2000	1/27/2000	8/4/2000	1/27/2000	1/27/2000	1/27/2000	1/26/2000
		Depth Interval	2 - 2.5	0 - .5	.5 - 1	0 - .5	0 - .5	3.5 - 4	0 - .5
		Sample ID	122-W1-EB-1(2-2.5)	122-W1-SW-EA(0-0.5)	122-W1-SW-NA(0.5-1)	122-W1-SW-SA(0-0.5)	122-W1-SW-WA(0-0.5)	122-W2-EB-2(3.5-4)	122-W2-SW-EA(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Heptachlor	76-44-8	mg/kg							
Heptachlor epoxide	1024-57-3	mg/kg							
Heptachlor epoxide	1024-57-3	mg/kg							
Isodrin	465-73-6	mg/kg							
Isodrin	465-73-6	mg/kg							
Malathion	121-75-5	mg/kg							
Methoxychlor	72-43-5	mg/kg							
Methoxychlor	72-43-5	mg/kg							
Mirex	2385-85-5	mg/kg							
Parathion	56-38-2	mg/kg							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg							
Supona	470-90-6	mg/kg							
Toxaphene	8001-35-2	mg/kg							
Toxaphene	8001-35-2	mg/kg							
Vapona	62-73-7	mg/kg							
Radiological									
Cesium-134	13967-70-9	pCi/g							
Cesium-137	10045-97-3	pCi/g							
Cobalt-60	10198-40-0	pCi/g							
Gross Alpha	12587-46-1	pCi/g							
Gross beta	12587-47-2	pCi/g							
Zinc-65	13982-39-3	pCi/g							
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							
1,2,4-Trichlorobenzene	120-82-1	mg/kg							
1,2-Dichlorobenzene	95-50-1	mg/kg							
1,2-Diphenylhydrazine	122-66-7	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg							
2,4,5-Trichlorophenol	95-95-4	mg/kg							
2,4,6-Trichlorophenol	88-06-2	mg/kg							
2,4-Dichlorophenol	120-83-2	mg/kg							
2,4-Dimethylphenol	105-67-9	mg/kg							
2,4-Dinitrophenol	51-28-5	mg/kg							
2,6-Dinitroaniline	606-22-4	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg							
2-Chlorophenol	95-57-8	mg/kg							
2-Methylnaphthalene	91-57-6	mg/kg							
2-Methylphenol	95-48-7	mg/kg							
2-Nitroaniline	88-74-4	mg/kg							
2-Nitrophenol	88-75-5	mg/kg							
3,3'-Dichlorobenzidine	91-94-1	mg/kg							
3,5-Dinitroaniline	618-87-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							
4-Bromophenyl phenyl ether	101-55-3	mg/kg							
4-Chloro-3-methylphenol	59-50-7	mg/kg							
4-Chloroaniline	106-47-8	mg/kg							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							

		Site Name	122	122	122	122	122	122	122
		Location ID	D-122-W1-EB-1	D-122-W1-SW-EA	D-122-W1-SW-NA	D-122-W1-SW-SA	D-122-W1-SW-WA	D-122-W2-EB-2	D-122-W2-SW-EA
		Sample Date	1/27/2000	1/27/2000	8/4/2000	1/27/2000	1/27/2000	1/27/2000	1/26/2000
		Depth Interval	2 - 2.5	0 - .5	.5 - 1	0 - .5	0 - .5	3.5 - 4	0 - .5
		Sample ID	122-W1-EB-1(2-2.5)	122-W1-SW-EA(0-0.5)	122-W1-SW-NA(0.5-1)	122-W1-SW-SA(0-0.5)	122-W1-SW-WA(0-0.5)	122-W2-EB-2(3.5-4)	122-W2-SW-EA(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg							
Acenaphthylene	208-96-8	mg/kg							
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg							
Benz(a)anthracene	56-55-3	mg/kg							
Benzo(a)pyrene	50-32-8	mg/kg							
Benzo(b)fluoranthene	205-99-2	mg/kg							
Benzo(g,h,i)perylene	191-24-2	mg/kg							
Benzo(k)fluoranthene	207-08-9	mg/kg							
Benzyl alcohol	100-51-6	mg/kg							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg							
Cresols	1319-77-3	mg/kg							
Dibenz(a,h)anthracene	53-70-3	mg/kg							
Dibenzofuran	132-64-9	mg/kg							
Dichlorobenzenes	25321-22-6	mg/kg							
Dicyclopentadiene	77-73-6	mg/kg							
Diethylphthalate	84-66-2	mg/kg							
Dimethylphthalate	131-11-3	mg/kg							
di-n-Butylphthalate	84-74-2	mg/kg							
di-n-Octylphthalate	117-84-0	mg/kg							
Diphenylamine	122-39-4	mg/kg							
Fluoranthene	206-44-0	mg/kg							
Fluorene	86-73-7	mg/kg							
Hexachlorobenzene	118-74-1	mg/kg							
Hexachlorobutadiene	87-68-3	mg/kg							
Hexachlorocyclopentadiene	77-47-4	mg/kg							
Hexachloroethane	67-72-1	mg/kg							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg							
Isophorone	78-59-1	mg/kg							
Naphthalene	91-20-3	mg/kg							
N-Nitrosodimethylamine	62-75-9	mg/kg							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							
n-Nitrosodiphenylamine	86-30-6	mg/kg							
Pentachlorophenol	87-86-5	mg/kg							
Phenanthrene	85-01-8	mg/kg							
Phenol	108-95-2	mg/kg							
Pyrene	129-00-0	mg/kg							
Pyridine	110-86-1	mg/kg							
TPH									
Gasoline range organics	GRO	mg/kg							
Oil & grease	OILGREASE	mg/kg							
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg							
Total Petroleum Hydrocarbons	TPH	mg/kg							

		Site Name	122	122	122	122	122	122	122
		Location ID	D-122-W1-EB-1	D-122-W1-SW-EA	D-122-W1-SW-NA	D-122-W1-SW-SA	D-122-W1-SW-WA	D-122-W2-EB-2	D-122-W2-SW-EA
		Sample Date	1/27/2000	1/27/2000	8/4/2000	1/27/2000	1/27/2000	1/27/2000	1/26/2000
		Depth Interval	2 - 2.5	0 - .5	.5 - 1	0 - .5	0 - .5	3.5 - 4	0 - .5
		Sample ID	122-W1-EB-1(2-2.5)	122-W1-SW-EA(0-0.5)	122-W1-SW-NA(0.5-1)	122-W1-SW-SA(0-0.5)	122-W1-SW-WA(0-0.5)	122-W2-EB-2(3.5-4)	122-W2-SW-EA(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg							
1,1,2-Trichloroethane	79-00-5	mg/kg							
1,1-Dichloroethane	75-34-3	mg/kg							
1,1-Dichloroethene	75-35-4	mg/kg							
1,2,3-Trichlorobenzene	87-61-6	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg							
1,2-Dichloroethene (total)	540-59-0	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg							
1,3-Dichloropropane	142-28-9	mg/kg							
2,3,6-Trichlorophenol	933-75-5	mg/kg							
2-Butanone	78-93-3	mg/kg							
2-Chloroethyl vinyl ether	110-75-8	mg/kg							
2-Hexanone	591-78-6	mg/kg							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							
Acetone	67-64-1	mg/kg							
Acetonitrile	75-05-8	mg/kg							
Acrylonitrile	107-13-1	mg/kg							
Benzene	71-43-2	mg/kg							
Bromodichloromethane	75-27-4	mg/kg							
Bromoform	75-25-2	mg/kg							
Bromomethane	74-83-9	mg/kg							
Carbon disulfide	75-15-0	mg/kg							
Carbon tetrachloride	56-23-5	mg/kg							
Chlorobenzene	108-90-7	mg/kg							
Chloroethane	75-00-3	mg/kg							
Chloroform	67-66-3	mg/kg							
Chloromethane	74-87-3	mg/kg							
cis-1,2-Dichloroethene	156-59-2	mg/kg							
cis-1,3-Dichloropropene	10061-01-5	mg/kg							
Dibromochloromethane	124-48-1	mg/kg							
Dibromochloropropane	96-12-8	mg/kg							
Dichlorodifluoromethane	75-71-8	mg/kg							
Ethyl benzene	100-41-4	mg/kg							
Methylene chloride	75-09-2	mg/kg							
m-Xylenes	108-38-3	mg/kg							
Styrene	100-42-5	mg/kg							
Tetrachloroethene	127-18-4	mg/kg							
Toluene	108-88-3	mg/kg							
trans-1,2-Dichloroethene	156-60-5	mg/kg							
trans-1,3-Dichloropropene	10061-02-6	mg/kg							
Trichloroethene	79-01-6	mg/kg							
Trichlorofluoromethane	75-69-4	mg/kg							
Vinyl chloride	75-01-4	mg/kg							
Xylenes	1330-20-7	mg/kg							
WetChem									
% Moisture	%Moist	%							
% Solids	%Solid	%	92.1	71.3	85.2	84.8	82	100	70.8
Cyanide	57-12-5	mg/kg							
Reactivity Cyanide	REACTCN	mg/kg							
Reactivity Sulfide	REACTSU	mg/kg							

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-W2-SW-NA	1/26/2000	0 - .5	122-W2-SW-NA(0-0.5)	SO
			122	D-122-W2-SW-SA	1/26/2000	0 - .5	122-W2-SW-SA(0-0.5)	SO
			122	D-122-W2-SW-WC	1/28/2000	0 - .5	122-W2-SW-WC(0-0.5)	SO
			122	D-122-W3-EB-2	1/26/2000	3.5 - 4	122-W3-EB-2(3.5-4)	SO
			122	D-122-W3-EB-5B	3/2/2000	4 - 4.5	122-W3-EB-5B(4-4.5)	SO
			122	D-122-W3-SS-E	3/1/2000	0 - .5	122-W3-SS-E(0-0.5)	SO
			122	D-122-W3-SUB-N-EB2	3/2/2000	4 - 4.5	122-W3-SUB-N-EB2(4-4.5)	SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Sample Matrix / Unit	Site Name: 122	122	122	122	122	122	122
		Location ID	D-122-W2-SW-NA	D-122-W2-SW-SA	D-122-W2-SW-WC	D-122-W3-EB-2	D-122-W3-EB-5B	D-122-W3-SS-E	D-122-W3-SUB-N-EB2
		Sample Date	1/26/2000	1/26/2000	1/28/2000	1/26/2000	3/2/2000	3/1/2000	3/2/2000
		Depth Interval	0 - .5	0 - .5	0 - .5	3.5 - 4	4 - 4.5	0 - .5	4 - 4.5
		Sample ID	122-W2-SW-NA(0-0.5)	122-W2-SW-SA(0-0.5)	122-W2-SW-WC(0-0.5)	122-W3-EB-2(3.5-4)	122-W3-EB-5B(4-4.5)	122-W3-SS-E(0-0.5)	122-W3-SUB-N-EB2(4-4.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Other									
1,4-Oxathiane	15980-15-1	mg/kg							
Corrositivity	CORR	No Unit							
Dithiane	51330-42-8	mg/kg							
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.036 U	< 0.077 UD	< 0.036 U	< 0.073 UD	< 0.078 UD	< 0.038 U	< 0.038 U
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg	< 0.036 U	< 0.077 UD	< 0.036 U	< 0.073 UD	< 0.078 UD	< 0.038 U	< 0.038 U
Aroclor 1232	11141-16-5	mg/kg	< 0.036 U	< 0.077 UD	< 0.036 U	< 0.073 UD	< 0.078 UD	< 0.038 U	< 0.038 U
Aroclor 1242	53469-21-9	mg/kg	< 0.036 U	< 0.077 UD	< 0.036 U	< 0.073 UD	< 0.078 UD	< 0.038 U	< 0.038 U
Aroclor 1248	12672-29-6	mg/kg	< 0.036 U	0.77 D	0.09	0.87 D	0.62 D	0.3	< 0.038 U
Aroclor 1254	11097-69-1	mg/kg	< 0.036 U	< 0.077 UD	< 0.036 U	< 0.073 UD	< 0.078 UD	< 0.038 U	< 0.038 U
Aroclor 1260	11096-82-5	mg/kg	0.03	< 0.077 UD	< 0.036 U	< 0.073 UD	< 0.078 UJD	< 0.038 UJ	< 0.038 UJ
Aroclor 1260	11096-82-5	mg/kg							
Aroclor 1262	37324-23-5	mg/kg							
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg							
Pesticides									
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-Chlordane	5103-71-9	mg/kg							
Atrazine	1912-24-9	mg/kg							
beta-BHC	319-85-7	mg/kg							
beta-BHC	319-85-7	mg/kg							
Chlordane	57-74-9	mg/kg							
Chlordane	57-74-9	mg/kg							
delta-BHC	319-86-8	mg/kg							
delta-BHC	319-86-8	mg/kg							
Diazinon	333-41-5	mg/kg							
Dieldrin	60-57-1	mg/kg							
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin aldehyde	7421-93-4	mg/kg							
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-Chlordane	5103-74-2	mg/kg							
Heptachlor	76-44-8	mg/kg							

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-W2-SW-NA	1/26/2000	0 - .5	122-W2-SW-NA(0-0.5)	SO
			122	D-122-W2-SW-SA	1/26/2000	0 - .5	122-W2-SW-SA(0-0.5)	SO
			122	D-122-W2-SW-WC	1/28/2000	0 - .5	122-W2-SW-WC(0-0.5)	SO
			122	D-122-W3-EB-2	1/26/2000	3.5 - 4	122-W3-EB-2(3.5-4)	SO
			122	D-122-W3-EB-5B	3/2/2000	4 - 4.5	122-W3-EB-5B(4-4.5)	SO
			122	D-122-W3-SS-E	3/1/2000	0 - .5	122-W3-SS-E(0-0.5)	SO
			122	D-122-W3-SUB-N-EB2	3/2/2000	4 - 4.5	122-W3-SUB-N-EB2(4-4.5)	SO
Heptachlor	76-44-8	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Isodrin	465-73-6	mg/kg						
Isodrin	465-73-6	mg/kg						
Malathion	121-75-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Mirex	2385-85-5	mg/kg						
Parathion	56-38-2	mg/kg						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg						
Supona	470-90-6	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Vapona	62-73-7	mg/kg						
Radiological								
Cesium-134	13967-70-9	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross Alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Zinc-65	13982-39-3	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,2-Diphenylhydrazine	122-66-7	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,6-Dinitroaniline	606-22-4	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3,5-Dinitroaniline	618-87-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						

		Site Name	122	122	122	122	122	122	122
		Location ID	D-122-W2-SW-NA	D-122-W2-SW-SA	D-122-W2-SW-WC	D-122-W3-EB-2	D-122-W3-EB-5B	D-122-W3-SS-E	D-122-W3-SUB-N-EB2
		Sample Date	1/26/2000	1/26/2000	1/28/2000	1/26/2000	3/2/2000	3/1/2000	3/2/2000
		Depth Interval	0 - .5	0 - .5	0 - .5	3.5 - 4	4 - 4.5	0 - .5	4 - 4.5
		Sample ID	122-W2-SW-NA(0-0.5)	122-W2-SW-SA(0-0.5)	122-W2-SW-WC(0-0.5)	122-W3-EB-2(3.5-4)	122-W3-EB-5B(4-4.5)	122-W3-SS-E(0-0.5)	122-W3-SUB-N-EB2(4-4.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg							
Acenaphthylene	208-96-8	mg/kg							
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg							
Benz(a)anthracene	56-55-3	mg/kg							
Benzo(a)pyrene	50-32-8	mg/kg							
Benzo(b)fluoranthene	205-99-2	mg/kg							
Benzo(g,h,i)perylene	191-24-2	mg/kg							
Benzo(k)fluoranthene	207-08-9	mg/kg							
Benzyl alcohol	100-51-6	mg/kg							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg							
Cresols	1319-77-3	mg/kg							
Dibenz(a,h)anthracene	53-70-3	mg/kg							
Dibenzofuran	132-64-9	mg/kg							
Dichlorobenzenes	25321-22-6	mg/kg							
Dicyclopentadiene	77-73-6	mg/kg							
Diethylphthalate	84-66-2	mg/kg							
Dimethylphthalate	131-11-3	mg/kg							
di-n-Butylphthalate	84-74-2	mg/kg							
di-n-Octylphthalate	117-84-0	mg/kg							
Diphenylamine	122-39-4	mg/kg							
Fluoranthene	206-44-0	mg/kg							
Fluorene	86-73-7	mg/kg							
Hexachlorobenzene	118-74-1	mg/kg							
Hexachlorobutadiene	87-68-3	mg/kg							
Hexachlorocyclopentadiene	77-47-4	mg/kg							
Hexachloroethane	67-72-1	mg/kg							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg							
Isophorone	78-59-1	mg/kg							
Naphthalene	91-20-3	mg/kg							
N-Nitrosodimethylamine	62-75-9	mg/kg							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							
n-Nitrosodiphenylamine	86-30-6	mg/kg							
Pentachlorophenol	87-86-5	mg/kg							
Phenanthrene	85-01-8	mg/kg							
Phenol	108-95-2	mg/kg							
Pyrene	129-00-0	mg/kg							
Pyridine	110-86-1	mg/kg							
TPH									
Gasoline range organics	GRO	mg/kg							
Oil & grease	OILGREASE	mg/kg							
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg							
Total Petroleum Hydrocarbons	TPH	mg/kg							

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-W2-SW-NA	1/26/2000	0 - .5	122-W2-SW-NA(0-0.5)	SO
			122	D-122-W2-SW-SA	1/26/2000	0 - .5	122-W2-SW-SA(0-0.5)	SO
			122	D-122-W2-SW-WC	1/28/2000	0 - .5	122-W2-SW-WC(0-0.5)	SO
			122	D-122-W3-EB-2	1/26/2000	3.5 - 4	122-W3-EB-2(3.5-4)	SO
			122	D-122-W3-EB-5B	3/2/2000	4 - 4.5	122-W3-EB-5B(4-4.5)	SO
			122	D-122-W3-SS-E	3/1/2000	0 - .5	122-W3-SS-E(0-0.5)	SO
			122	D-122-W3-SUB-N-EB2	3/2/2000	4 - 4.5	122-W3-SUB-N-EB2(4-4.5)	SO
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2,3-Trichlorobenzene	87-61-6	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
1,3-Dichloropropane	142-28-9	mg/kg						
2,3,6-Trichlorophenol	933-75-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Chloroethyl vinyl ether	110-75-8	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Acrylonitrile	107-13-1	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dibromochloropropane	96-12-8	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Methylene chloride	75-09-2	mg/kg						
m-Xylenes	108-38-3	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Moisture	%Moist	%						
% Solids	%Solid	%	91.8	85.3	91	89.8	84.9	87	87.6
Cyanide	57-12-5	mg/kg						
Reactivity Cyanide	REACTCN	mg/kg						
Reactivity Sulfide	REACTSU	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122
		Location ID	D-122-W3-SW-N(C)-2	D-122-W3-SW-N(H)	D-122-W3-SW-N(I)	D-122-W3-SW-S(H)	D-122-W3-SW-SUB-N-E	D-122-W3-SW-W(5)
		Sample Date	8/9/2000	2/22/2000	2/23/2000	2/22/2000	8/9/2000	3/2/2000
		Depth Interval	1 - 1.5	0 - .5	0 - .5	0 - .5	1 - 1.5	0 - .5
		Sample ID	122-W3-SW-N(C)-2(1-1.5)	122-W3-SW-N(H)(0-0.5)	122-W3-SW-N(I)(0-0.5)	122-W3-SW-S(H)(0-0.5)	122-W3-SW-SUB-N-E(1-1.5)	122-W3-SW-W(5)(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
3-Nitrotoluene	99-08-1	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
PETN	78-11-5	mg/kg						
RDX	121-82-4	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Herbicide								
2,4,5-TP (Silvex)	93-72-1	mg/kg						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						

Chemical Name	CAS No	Site Name	122	122	122	122	122	122
		Location ID	D-122-W3-SW-N(C)-2	D-122-W3-SW-N(H)	D-122-W3-SW-N(I)	D-122-W3-SW-S(H)	D-122-W3-SW-SUB-N-E	D-122-W3-SW-W(5)
		Sample Date	8/9/2000	2/22/2000	2/23/2000	2/22/2000	8/9/2000	3/2/2000
		Depth Interval	1 - 1.5	0 - .5	0 - .5	0 - .5	1 - 1.5	0 - .5
		Sample ID	122-W3-SW-N(C)-2(1-1.5)	122-W3-SW-N(H)(0-0.5)	122-W3-SW-N(I)(0-0.5)	122-W3-SW-S(H)(0-0.5)	122-W3-SW-SUB-N-E(1-1.5)	122-W3-SW-W(5)(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
Other								
1,4-Oxathiane	15980-15-1	mg/kg						
Corrositivity	CORR	No Unit						
Dithiane	51330-42-8	mg/kg						
PCBs								
Aroclor 1016	12674-11-2	mg/kg	< 0.037 U	< 0.034 U	< 0.037 U	< 0.4 UD	< 0.037 U	< 0.037 U
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg	< 0.037 U	< 0.034 U	< 0.037 U	< 0.4 UD	< 0.037 U	< 0.037 U
Aroclor 1232	11141-16-5	mg/kg	< 0.037 U	< 0.034 U	< 0.037 U	< 0.4 UD	< 0.037 U	< 0.037 U
Aroclor 1242	53469-21-9	mg/kg	< 0.037 U	< 0.034 U	< 0.037 U	< 0.4 UD	< 0.037 U	< 0.037 U
Aroclor 1248	12672-29-6	mg/kg	0.36	0.09	< 0.037 U	2.6 D	0.5	0.01 J
Aroclor 1254	11097-69-1	mg/kg	< 0.037 U	< 0.034 U	0.04	< 0.4 UD	< 0.037 U	< 0.037 U
Aroclor 1260	11096-82-5	mg/kg	0.37	< 0.034 U	< 0.037 U	< 0.4 UD	0.37	< 0.037 U
Aroclor 1260	11096-82-5	mg/kg						
Aroclor 1262	37324-23-5	mg/kg						
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg						
Pesticides								
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
Aldrin	309-00-2	mg/kg						
Aldrin	309-00-2	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-Chlordane	5103-71-9	mg/kg						
Atrazine	1912-24-9	mg/kg						
beta-BHC	319-85-7	mg/kg						
beta-BHC	319-85-7	mg/kg						
Chlordane	57-74-9	mg/kg						
Chlordane	57-74-9	mg/kg						
delta-BHC	319-86-8	mg/kg						
delta-BHC	319-86-8	mg/kg						
Diazinon	333-41-5	mg/kg						
Dieldrin	60-57-1	mg/kg						
Dieldrin	60-57-1	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin aldehyde	7421-93-4	mg/kg						
Endrin ketone	53494-70-5	mg/kg						
gamma-BHC (Lindane)	58-89-9	mg/kg						
gamma-BHC (Lindane)	58-89-9	mg/kg						
gamma-Chlordane	5103-74-2	mg/kg						
Heptachlor	76-44-8	mg/kg						

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			122	D-122-W3-SW-N(C)-2	8/9/2000	1 - 1.5	122-W3-SW-N(C)-2(1-1.5)	SO
			122	D-122-W3-SW-N(H)	2/22/2000	0 - .5	122-W3-SW-N(H)(0-0.5)	SO
			122	D-122-W3-SW-N(I)	2/23/2000	0 - .5	122-W3-SW-N(I)(0-0.5)	SO
			122	D-122-W3-SW-S(H)	2/22/2000	0 - .5	122-W3-SW-S(H)(0-0.5)	SO
			122	D-122-W3-SW-SUB-N-E	8/9/2000	1 - 1.5	122-W3-SW-SUB-N-E(1-1.5)	SO
			122	D-122-W3-SW-W(5)	3/2/2000	0 - .5	122-W3-SW-W(5)(0-0.5)	SO
Heptachlor	76-44-8	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Isodrin	465-73-6	mg/kg						
Isodrin	465-73-6	mg/kg						
Malathion	121-75-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Mirex	2385-85-5	mg/kg						
Parathion	56-38-2	mg/kg						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg						
Supona	470-90-6	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Vapona	62-73-7	mg/kg						
Radiological								
Cesium-134	13967-70-9	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross Alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Zinc-65	13982-39-3	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,2-Diphenylhydrazine	122-66-7	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,6-Dinitroaniline	606-22-4	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3,5-Dinitroaniline	618-87-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						

Chemical Name	CAS No	Unit	Site Name: 122	122	122	122	122	122
			Location ID: D-122-W3-SW-N(C)-2	D-122-W3-SW-N(H)	D-122-W3-SW-N(I)	D-122-W3-SW-S(H)	D-122-W3-SW-SUB-N-E	D-122-W3-SW-W(5)
			Sample Date: 8/9/2000	2/22/2000	2/23/2000	2/22/2000	8/9/2000	3/2/2000
			Depth Interval: 1 - 1.5	0 - .5	0 - .5	0 - .5	1 - 1.5	0 - .5
			Sample ID: 122-W3-SW-N(C)-2(1-1.5)	122-W3-SW-N(H)(0-0.5)	122-W3-SW-N(I)(0-0.5)	122-W3-SW-S(H)(0-0.5)	122-W3-SW-SUB-N-E(1-1.5)	122-W3-SW-W(5)(0-0.5)
			Sample Matrix: SO	SO	SO	SO	SO	SO
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						
Benzo(a)pyrene	50-32-8	mg/kg						
Benzo(b)fluoranthene	205-99-2	mg/kg						
Benzo(g,h,i)perylene	191-24-2	mg/kg						
Benzo(k)fluoranthene	207-08-9	mg/kg						
Benzyl alcohol	100-51-6	mg/kg						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						
bis(2-Chloroethyl)ether	111-44-4	mg/kg						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						
Butylbenzyl phthalate	85-68-7	mg/kg						
Carbazole	86-74-8	mg/kg						
Chrysene	218-01-9	mg/kg						
Cresols	1319-77-3	mg/kg						
Dibenz(a,h)anthracene	53-70-3	mg/kg						
Dibenzofuran	132-64-9	mg/kg						
Dichlorobenzenes	25321-22-6	mg/kg						
Dicyclopentadiene	77-73-6	mg/kg						
Diethylphthalate	84-66-2	mg/kg						
Dimethylphthalate	131-11-3	mg/kg						
di-n-Butylphthalate	84-74-2	mg/kg						
di-n-Octylphthalate	117-84-0	mg/kg						
Diphenylamine	122-39-4	mg/kg						
Fluoranthene	206-44-0	mg/kg						
Fluorene	86-73-7	mg/kg						
Hexachlorobenzene	118-74-1	mg/kg						
Hexachlorobutadiene	87-68-3	mg/kg						
Hexachlorocyclopentadiene	77-47-4	mg/kg						
Hexachloroethane	67-72-1	mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						
Isophorone	78-59-1	mg/kg						
Naphthalene	91-20-3	mg/kg						
N-Nitrosodimethylamine	62-75-9	mg/kg						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						
n-Nitrosodiphenylamine	86-30-6	mg/kg						
Pentachlorophenol	87-86-5	mg/kg						
Phenanthrene	85-01-8	mg/kg						
Phenol	108-95-2	mg/kg						
Pyrene	129-00-0	mg/kg						
Pyridine	110-86-1	mg/kg						
TPH								
Gasoline range organics	GRO	mg/kg						
Oil & grease	OILGREASE	mg/kg						
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg						
Total Petroleum Hydrocarbons	TPH	mg/kg						

Chemical Name	CAS No	Unit	Site Name: 122	122	122	122	122	122
			Location ID: D-122-W3-SW-N(C)-2	D-122-W3-SW-N(H)	D-122-W3-SW-N(I)	D-122-W3-SW-S(H)	D-122-W3-SW-SUB-N-E	D-122-W3-SW-W(5)
			Sample Date: 8/9/2000	2/22/2000	2/23/2000	2/22/2000	8/9/2000	3/2/2000
			Depth Interval: 1 - 1.5	0 - .5	0 - .5	0 - .5	1 - 1.5	0 - .5
			Sample ID: 122-W3-SW-N(C)-2(1-1.5)	122-W3-SW-N(H)(0-0.5)	122-W3-SW-N(I)(0-0.5)	122-W3-SW-S(H)(0-0.5)	122-W3-SW-SUB-N-E(1-1.5)	122-W3-SW-W(5)(0-0.5)
			Sample Matrix: SO	SO	SO	SO	SO	SO
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2,3-Trichlorobenzene	87-61-6	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
1,3-Dichloropropane	142-28-9	mg/kg						
2,3,6-Trichlorophenol	933-75-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Chloroethyl vinyl ether	110-75-8	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Acrylonitrile	107-13-1	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dibromochloropropane	96-12-8	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Methylene chloride	75-09-2	mg/kg						
m-Xylenes	108-38-3	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Moisture	%Moist	%						
% Solids	%Solid	%	90.3	97.4	88.3	81.6	90.4	88.6
Cyanide	57-12-5	mg/kg						
Reactivity Cyanide	REACTCN	mg/kg						
Reactivity Sulfide	REACTSU	mg/kg						

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122
			Location ID	D-122-W3-SW-W(A)	D-122-W3-SW-W(D)	D-SB122-1	D-SB122-1	D-SB122-1	D-SB122-2	D-SB122-2	D-SB122-2	D-SB122-2
			Sample Date	8/9/2000	2/9/2000	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	2 - 4	2 - 4	4 - 6	0 - 2	4 - 6	2 - 4	2 - 4
			Sample ID	122-W3-SW-W(A)(0.5-1)	122-W3-SW-W(D)(0-0.5)	SB122-1A(2-4)	SB122-1B(2-4)	SB122-1C(4-6)	SB122-2A(0-2)	SB122-2D(4-6)	SB122-2CD(2-4)	SB122-2C(2-4)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg				< 0.922 U		< 0.922 U	< 0.922 U	< 0.922 U	< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg				< 0.504 U		< 0.504 U	< 0.504 U	< 0.504 U	< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg				< 2 U		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg				< 0.34 U		< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U	< 0.34 U
HMX	2691-41-0	mg/kg				< 2 U		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg				< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Nitrobenzene	98-95-3	mg/kg				< 1.14 U		< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Nitrocellulose	9004-70-0	mg/kg				112		75.5	243	45.2	40	55.4
Nitroglycerin	55-63-0	mg/kg				< 0.51 UJ		< 0.51 UJ	< 0.51 UJ	< 0.51 UJ	< 0.51 UJ	< 0.51 UJ
PETN	78-11-5	mg/kg				< 1 UJ		< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
RDX	121-82-4	mg/kg				< 1.28 U		< 1.28 U	< 1.28 U	< 1.28 U	< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg				< 2.11 U		< 2.11 U	< 2.11 U	< 2.11 U	< 2.11 U	< 2.11 U
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg				< 2.5 U		< 1.4 U	< 2.5 U	< 2.5 U	< 1.4 U	< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg				< 1.4 U		< 2.5 U	< 1.4 U	< 1.4 U	< 2.5 U	< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg				< 2 U		< 2 U	< 0.32 U	< 0.32 U	< 2 U	< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg				< 0.32 U		< 0.32 U	< 2 U	< 2 U	< 0.32 U	< 0.32 U
Herbicide												
2,4,5-TP (Silvex)	93-72-1	mg/kg										
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg										
Metals												
Aluminum	7429-90-5	mg/kg				14200		15500	9830	13200	13600	15900
Antimony	7440-36-0	mg/kg				< 0.5 U		< 0.5 U	1.45	< 0.5 U	< 0.5 U	< 0.5 U
Arsenic	7440-38-2	mg/kg				5.23		7.22	21	2.84	5.37	7.4
Barium	7440-39-3	mg/kg				51.1		34.9	57.1	58.3	34.5	51.7
Beryllium	7440-41-7	mg/kg				0.61		< 0.427 U	0.76	0.91	< 0.427 U	1.07
Cadmium	7440-43-9	mg/kg				< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
Calcium	7440-70-2	mg/kg				3610		739	1980	1340	1090	1200
Chromium	7440-47-3	mg/kg				17.6		26.9	16.6	19.5	17.2	22
Cobalt	7440-48-4	mg/kg				7.33		6.3	8.91	10.5	4.83	7.97
Copper	7440-50-8	mg/kg				25		13.4	38.7	28	14.6	42.5
Iron	7439-89-6	mg/kg				22300		22400	29200	27800	21900	39700
Lead	7439-92-1	mg/kg				65.9		14	69	28.2	22.1	35.6
Magnesium	7439-95-4	mg/kg				3520		2750	3580	3020	2600	3730
Manganese	7439-96-5	mg/kg				185		112	336	475	112	176
Mercury	7439-97-6	mg/kg				0.09		< 0.05 U	6.1 D	0.33	0.32	0.29
Nickel	7440-02-0	mg/kg				13.9		14	13.7	17.3	11.8	17.2
Potassium	7440-09-7	mg/kg				1600		684	1070	1030	760	743
Selenium	7782-49-2	mg/kg				< 0.449 U		< 0.449 U	< 0.449 U	< 0.449 U	< 0.449 U	< 0.449 U
Silver	7440-22-4	mg/kg				< 0.803 U		< 0.803 U	< 0.803 U	< 0.803 U	< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg				106		< 38.7 U	67.3	62.5	< 38.7 U	55.1
Thallium	7440-28-0	mg/kg				< 34.3 U		< 34.3 U	< 34.3 U	< 34.3 U	< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg				27.8		28.3	21	24.2	27.6	38.2
Zinc	7440-66-6	mg/kg				243		58.3	144	93.3	52.8	85.3

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-W3-SW-W(A)	D-122-W3-SW-W(D)	D-SB122-1	D-SB122-1	D-SB122-1	D-SB122-2	D-SB122-2	D-SB122-2	D-SB122-2
		Sample Date	8/9/2000	2/9/2000	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
		Depth Interval	.5 - 1	0 - .5	2 - 4	2 - 4	4 - 6	0 - 2	4 - 6	2 - 4	2 - 4
		Sample ID	122-W3-SW-W(A)(0.5-1)	122-W3-SW-W(D)(0-0.5)	SB122-1A(2-4)	SB122-1B(2-4)	SB122-1C(4-6)	SB122-2A(0-2)	SB122-2D(4-6)	SB122-2CD(2-4)	SB122-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Other											
1,4-Oxathiane	15980-15-1	mg/kg			< 0.075 U		< 0.075 U	< 0.075 U	< 0.075 U	< 0.075 U	< 0.075 U
Corrositivity	CORR	No Unit									
Dithiane	51330-42-8	mg/kg			< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U	< 0.065 U	< 0.065 U
PCBs											
Aroclor 1016	12674-11-2	mg/kg	< 0.037 U	< 0.035 UJ			< 0.1 U			< 0.1 U	< 0.1 U
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg	< 0.037 U	< 0.035 U			< 0.1 UT			< 0.1 UT	< 0.1 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.037 U	< 0.035 U			< 0.1 UT			< 0.1 UT	< 0.1 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.037 U	< 0.035 U			< 0.1 UT			< 0.1 UT	< 0.1 UT
Aroclor 1248	12672-29-6	mg/kg	0.14	< 0.035 U			< 0.1 UT			< 0.1 UT	< 0.1 UT
Aroclor 1254	11097-69-1	mg/kg	< 0.037 U	< 0.035 U			< 0.0479 UT			< 0.0479 UT	< 0.0479 UT
Aroclor 1260	11096-82-5	mg/kg	0.07	< 0.035 UJ			< 0.0479 U			< 0.0479 U	< 0.0479 U
Aroclor 1260	11096-82-5	mg/kg									
Aroclor 1262	37324-23-5	mg/kg									
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg									
Pesticides											
4,4'-DDD	72-54-8	mg/kg			< 0.064 U		< 0.064 U	< 0.064 U	< 0.064 U	0.37 N	< 0.27 U
4,4'-DDD	72-54-8	mg/kg					< 0.27 U			< 0.064 U	< 0.064 U
4,4'-DDE	72-55-9	mg/kg			< 0.068 U		< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	0.37 N
4,4'-DDE	72-55-9	mg/kg					< 0.27 U			0.32 N	< 0.068 U
4,4'-DDT	50-29-3	mg/kg			< 0.1 U		0.01 N	< 0.1 U	< 0.1 U	0.48 N	0.47 N
4,4'-DDT	50-29-3	mg/kg					< 0.1 U			< 0.1 U	< 0.1 U
Aldrin	309-00-2	mg/kg			< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U	< 0.14 U	< 0.14 U
Aldrin	309-00-2	mg/kg					< 0.14 U			< 1.3 U	< 1.3 U
alpha-BHC	319-84-6	mg/kg			< 1.3 U		< 0.28 U	< 1.3 U	< 1.3 U	< 1.3 U	< 0.28 U
alpha-BHC	319-84-6	mg/kg					< 1.3 U			< 0.28 U	< 1.3 U
alpha-Chlordane	5103-71-9	mg/kg									
Atrazine	1912-24-9	mg/kg			< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U	< 0.065 U	< 0.065 U
beta-BHC	319-85-7	mg/kg			< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U	< 0.77 U	< 0.77 U
beta-BHC	319-85-7	mg/kg					< 0.77 U			< 1.3 U	< 1.3 U
Chlordane	57-74-9	mg/kg			< 0.68 U		< 0.68 U	< 0.68 U	< 0.68 U	< 0.68 U	< 0.0684 U
Chlordane	57-74-9	mg/kg					< 0.0684 U			< 0.0684 U	< 0.68 U
delta-BHC	319-86-8	mg/kg			< 0.21 U		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.85 U
delta-BHC	319-86-8	mg/kg					< 0.85 U			< 0.85 U	< 0.21 U
Diazinon	333-41-5	mg/kg									
Dieldrin	60-57-1	mg/kg			< 0.079 U		0.01 N	< 0.079 U	< 0.079 U	0.02 N	0.04 N
Dieldrin	60-57-1	mg/kg					< 0.079 U			< 0.079 U	< 0.079 U
Endosulfan I	959-98-8	mg/kg			< 0.4 U		0.38	< 0.4 U	< 0.4 U	0.52	0.57
Endosulfan I	959-98-8	mg/kg					< 0.4 U			< 0.4 U	< 0.4 U
Endosulfan II	33213-65-9	mg/kg			< 2.4 U		0.38 N	< 2.4 U	< 2.4 U	0.76 N	< 2.4 U
Endosulfan II	33213-65-9	mg/kg					< 2.4 U			< 2.4 U	0.94 N
Endosulfan sulfate	1031-07-8	mg/kg			< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 0.05 UT
Endosulfan sulfate	1031-07-8	mg/kg					< 0.05 UT			< 0.05 UT	< 1.2 U
Endrin	72-20-8	mg/kg			< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Endrin	72-20-8	mg/kg					< 0.65 U			< 0.65 U	< 0.65 U
Endrin aldehyde	7421-93-4	mg/kg			< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Endrin ketone	53494-70-5	mg/kg					0.29 N			< 0.05 UT	0.63 N
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.18 N
gamma-BHC (Lindane)	58-89-9	mg/kg					< 0.1 U			0.12 N	< 0.1 U
gamma-Chlordane	5103-74-2	mg/kg									
Heptachlor	76-44-8	mg/kg			< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.22 U

		Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-W3-SW-W(A)	D-122-W3-SW-W(D)	D-SB122-1	D-SB122-1	D-SB122-1	D-SB122-2	D-SB122-2	D-SB122-2	D-SB122-2
		Sample Date	8/9/2000	2/9/2000	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
		Depth Interval	.5 - 1	0 - .5	2 - 4	2 - 4	4 - 6	0 - 2	4 - 6	2 - 4	2 - 4
		Sample ID	122-W3-SW-W(A)(0.5-1)	122-W3-SW-W(D)(0-0.5)	SB122-1A(2-4)	SB122-1B(2-4)	SB122-1C(4-6)	SB122-2A(0-2)	SB122-2D(4-6)	SB122-2CD(2-4)	SB122-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
Heptachlor	76-44-8	mg/kg					< 0.22 U			< 0.22 U	< 0.24 U
Heptachlor epoxide	1024-57-3	mg/kg			< 0.48 U		0.23	< 0.48 U	< 0.48 U	< 0.13 U	< 0.13 U
Heptachlor epoxide	1024-57-3	mg/kg					< 0.48 U			< 0.48 U	< 0.48 U
Isodrin	465-73-6	mg/kg			< 0.48 U		< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.3 U
Isodrin	465-73-6	mg/kg					< 0.3 U			< 0.3 U	< 0.48 U
Malathion	121-75-5	mg/kg			< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
Methoxychlor	72-43-5	mg/kg			< 0.26 U		< 0.0359 U	< 0.26 U	< 0.26 U	< 0.0359 U	< 0.26 U
Methoxychlor	72-43-5	mg/kg					< 0.26 U			< 0.26 U	< 0.0359 U
Mirex	2385-85-5	mg/kg			< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Parathion	56-38-2	mg/kg			< 1.7 U		< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg			< 0.097 U		< 0.097 U	< 0.097 U	< 0.097 U	< 0.097 U	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg			< 0.066 U		< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg			< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Supona	470-90-6	mg/kg			< 0.92 U		< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Toxaphene	8001-35-2	mg/kg			< 12 U		< 0.226 U	< 12 U	< 12 U	< 12 U	< 12 U
Toxaphene	8001-35-2	mg/kg					< 12 U			< 0.226 U	< 0.226 U
Vapona	62-73-7	mg/kg			< 0.068 U		< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U
Radiological											
Cesium-134	13967-70-9	pCi/g			< 0.0409 U		< 0.0414 U	< 0.0547 U	< 0.0399 U	< 0.048 U	< 0.0406 U
Cesium-137	10045-97-3	pCi/g			0.85		< 0.0489 U	0.33	< 0.0624 U	< 0.0723 U	0.04
Cobalt-60	10198-40-0	pCi/g			< 0.0414 U		< 0.0417 U	< 0.0569 U	< 0.0394 U	< 0.0517 U	< 0.0382 U
Gross Alpha	12587-46-1	pCi/g			8.8		10	8.81	17.1	9.14	10.8
Gross beta	12587-47-2	pCi/g			27.7		27.1	22.9	30.9	24.6	34.3
Zinc-65	13982-39-3	pCi/g			< 0.11 U		< 0.0988 U	< 0.145 U	< 0.0929 U	< 0.133 U	< 0.104 U
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg			< 0.22 U		< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg			< 0.042 U		< 0.042 U	< 0.042 U	< 0.042 U	< 0.042 U	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg			< 0.52 U		< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg			< 0.042 U	< 0.14 U	< 0.042 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg					< 0.14 U		< 0.042 U	< 0.14 U	< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg			< 0.034 U		< 0.034 U	< 0.034 U	< 0.034 U	< 0.034 U	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg			< 0.49 U		< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg			< 0.061 U		< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg			< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U	< 0.065 U	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg			< 3 U		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg			< 4.7 U		< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg			< 0.57 U		< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg			< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg			< 0.055 U		< 0.055 U	< 0.055 U	< 0.055 U	< 0.055 U	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg			0.17		0.24	0.71	< 0.032 U	0.32	< 0.032 U
2-Methylphenol	95-48-7	mg/kg			< 0.098 U		< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2-Nitroaniline	88-74-4	mg/kg									
2-Nitrophenol	88-75-5	mg/kg			< 1.1 U		< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg			< 1.6 U		< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg			< 1.6 U		< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg			< 3 U		< 3 U	< 3 U	< 3 U	< 3 U	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg			< 0.8 U		< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg			< 0.041 U		< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg			< 0.93 U		< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U	< 0.93 U
4-Chloroaniline	106-47-8	mg/kg									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg			< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U

		Site Name	122	122	122	122	122	122	122	122	122
		Location ID	D-122-W3-SW-W(A)	D-122-W3-SW-W(D)	D-SB122-1	D-SB122-1	D-SB122-1	D-SB122-2	D-SB122-2	D-SB122-2	D-SB122-2
		Sample Date	8/9/2000	2/9/2000	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
		Depth Interval	.5 - 1	0 - .5	2 - 4	2 - 4	4 - 6	0 - 2	4 - 6	2 - 4	2 - 4
		Sample ID	122-W3-SW-W(A)(0.5-1)	122-W3-SW-W(D)(0-0.5)	SB122-1A(2-4)	SB122-1B(2-4)	SB122-1C(4-6)	SB122-2A(0-2)	SB122-2D(4-6)	SB122-2CD(2-4)	SB122-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
4-Methylphenol	106-44-5	mg/kg			< 0.24 U#		< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg									
4-Nitrophenol	100-02-7	mg/kg			< 3.3 U		< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U
Acenaphthene	83-32-9	mg/kg			0.83		< 0.041 U	< 0.041 U	0.25	1.2	0.5
Acenaphthylene	208-96-8	mg/kg			0.85		< 0.033 U	0.41	0.11	0.4	< 0.033 U
Aniline	62-53-3	mg/kg									
Anthracene	120-12-7	mg/kg			4.5		< 0.71 U	5.1	< 0.71 U	6.1	< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg			12		2.4	8.8	2.7	11	3.8
Benzo(a)pyrene	50-32-8	mg/kg			13		< 1.2 U	7.3	< 1.2 U	8.6	2.8
Benzo(b)fluoranthene	205-99-2	mg/kg			15		2.4	7	2.3	10	7.7
Benzo(g,h,i)perylene	191-24-2	mg/kg			10		1.4	4.5	1.4	5.7	1.9
Benzo(k)fluoranthene	207-08-9	mg/kg			8.8		1.6	6.5	2.6	6.4	< 0.13 U
Benzyl alcohol	100-51-6	mg/kg			< 0.032 U		< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg			< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg			< 0.36 U		< 0.36 U	< 0.36 U	< 0.36 U	< 0.36 U	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg			< 0.44 U		< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg			< 0.48 U		< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U	< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg			< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Carbazole	86-74-8	mg/kg									
Chrysene	218-01-9	mg/kg			12		2.1	7.6	3	9.5	2.8
Cresols	1319-77-3	mg/kg									
Dibenz(a,h)anthracene	53-70-3	mg/kg			2.5		< 0.31 U	1.2	< 0.31 U	1.9	0.72
Dibenzofuran	132-64-9	mg/kg			< 0.38 U		< 0.38 U	0.87	< 0.38 U	0.51	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg				< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg			< 0.57 U		< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Diethylphthalate	84-66-2	mg/kg			< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg			< 0.063 U		< 0.063 U	< 0.063 U	< 0.063 U	< 0.063 U	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg			< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg			< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Diphenylamine	122-39-4	mg/kg									
Fluoranthene	206-44-0	mg/kg			10 D		4.2	10 D	4.5	10 D	4.6
Fluorene	86-73-7	mg/kg			1.2		0.84	3.1	0.44	2.3	0.87
Hexachlorobenzene	118-74-1	mg/kg			< 0.08 U		< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg			< 0.97 U		< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg			< 0.52 U		< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U	< 0.52 U
Hexachloroethane	67-72-1	mg/kg			< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			9.4		< 2.4 U	< 2.4 U	< 2.4 U	4.8	< 2.4 U
Isophorone	78-59-1	mg/kg			< 0.39 U		< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
Naphthalene	91-20-3	mg/kg			< 0.74 U		< 0.74 U	< 0.74 U	< 0.74 U	< 0.74 U	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg			< 0.46 U		< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg			< 1.1 U		< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg			< 0.29 U		< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Pentachlorophenol	87-86-5	mg/kg			< 0.76 U		< 0.76 U	< 0.76 U	< 0.76 U	< 0.76 U	< 0.76 U
Phenanthrene	85-01-8	mg/kg			16		5.6	23	5.5	22	< 0.032 U
Phenol	108-95-2	mg/kg			< 0.052 U		< 0.052 U	< 0.052 U	< 0.052 U	< 0.052 U	< 0.052 U
Pyrene	129-00-0	mg/kg			20 D		4	20 D	5.7	20 D	6.7
Pyridine	110-86-1	mg/kg									
TPH											
Gasoline range organics	GRO	mg/kg									
Oil & grease	OILGREASE	mg/kg									
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg									
Total Petroleum Hydrocarbons	TPH	mg/kg									

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122
			Location ID	D-122-W3-SW-W(A)	D-122-W3-SW-W(D)	D-SB122-1	D-SB122-1	D-SB122-1	D-SB122-2	D-SB122-2	D-SB122-2	D-SB122-2
			Sample Date	8/9/2000	2/9/2000	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993	12/3/1993
			Depth Interval	.5 - 1	0 - .5	2 - 4	2 - 4	4 - 6	0 - 2	4 - 6	2 - 4	2 - 4
			Sample ID	122-W3-SW-W(A)(0.5-1)	122-W3-SW-W(D)(0-0.5)	SB122-1A(2-4)	SB122-1B(2-4)	SB122-1C(4-6)	SB122-2A(0-2)	SB122-2D(4-6)	SB122-2CD(2-4)	SB122-2C(2-4)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg					< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg										
1,1,2-Trichloroethane	79-00-5	mg/kg					< 0.33 U	< 0.33 U		< 0.33 U	< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg					< 0.49 U	< 0.49 U		< 0.49 U	< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg					< 0.27 U	< 0.27 U		< 0.27 U	< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg				< 0.032 U		< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg					< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg					< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg					< 0.53 U	< 0.53 U		< 0.53 U	< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg					< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg				< 0.62 U		< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
2-Butanone	78-93-3	mg/kg					< 4.3 U	< 4.3 U		< 4.3 U	< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg					< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	< 0.5 U
2-Hexanone	591-78-6	mg/kg										
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					< 0.63 U	< 0.63 U		< 0.63 U	< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg					< 3.3 U	< 3.3 U		< 3.3 U	< 3.3 U	< 3.3 U
Acetonitrile	75-05-8	mg/kg										
Acrylonitrile	107-13-1	mg/kg					< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
Benzene	71-43-2	mg/kg					< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg					< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg					< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg					< 0.26 U	< 0.26 U		< 0.26 U	< 0.26 U	< 0.26 U
Carbon disulfide	75-15-0	mg/kg										
Carbon tetrachloride	56-23-5	mg/kg					< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg					< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg					< 0.64 U	< 0.64 U		< 0.64 U	< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg					< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg					< 0.96 U	< 0.96 U		< 0.96 U	< 0.96 U	< 0.96 U
cis-1,2-Dichloroethene	156-59-2	mg/kg										
cis-1,3-Dichloropropene	10061-01-5	mg/kg										
Dibromochloromethane	124-48-1	mg/kg					< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg				< 0.071 U		< 0.071 U	< 0.071 U	< 0.071 U	< 0.071 U	< 0.071 U
Dichlorodifluoromethane	75-71-8	mg/kg										
Ethyl benzene	100-41-4	mg/kg					< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg					< 4.4 U	< 4.4 U		< 4.4 U	< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg					< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Styrene	100-42-5	mg/kg										
Tetrachloroethene	127-18-4	mg/kg					< 0.16 U	< 0.16 U		< 0.16 U	< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg					< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
trans-1,2-Dichloroethene	156-60-5	mg/kg										
trans-1,3-Dichloropropene	10061-02-6	mg/kg										
Trichloroethene	79-01-6	mg/kg					< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg					< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg					< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg					< 0.78 U	< 0.78 U		< 0.78 U	< 0.78 U	< 0.78 U
WetChem												
% Moisture	%Moist	%										
% Solids	%Solid	%		89	95.1							
Cyanide	57-12-5	mg/kg				< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Reactivity Cyanide	REACTCN	mg/kg										
Reactivity Sulfide	REACTSU	mg/kg										

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-SB122-2	D-SS122-1	D-SS122-1	D-SS122-2	D-SS122-2	D-SS122-3	D-SS122-3	D-SS122-4	D-SS122-4	D-SS122-5
			Sample Date	12/3/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993
			Depth Interval	0 - 2	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1	0 - .5	.5 - 1
			Sample ID	SB122-2B(0-2)	SS122-1B(0.5-1)	SS122-1A(0-0.5)	SS122-2B(0.5-1)	SS122-2A(0-0.5)	SS122-3A(0-0.5)	SS122-3B(0.5-1)	SS122-4B(0.5-1)	SS122-4A(0-0.5)	SS122-5B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives													
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.922 U		< 0.922 U	< 0.922 U				< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.504 U		< 0.504 U	< 0.504 U				< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 2 U		< 2 U	< 2 U				< 2 U	
3-Nitrotoluene	99-08-1	mg/kg			< 0.34 U		< 0.34 U	< 0.34 U				< 0.34 U	
HMX	2691-41-0	mg/kg			< 2 U		< 2 U	< 2 U				< 2 U	
Nitrobenzene	98-95-3	mg/kg			< 1.8 U		< 1.14 U	< 1.14 U				< 1.8 U	
Nitrobenzene	98-95-3	mg/kg			< 1.14 U		< 1.8 U	< 1.8 U				< 1.14 U	
Nitrocellulose	9004-70-0	mg/kg			266		91	150				115	
Nitroglycerin	55-63-0	mg/kg			< 0.51 U		< 0.51 U	< 0.51 U				< 0.51 U	
PETN	78-11-5	mg/kg			< 1 U		< 1 U	< 1 U				< 1 U	
RDX	121-82-4	mg/kg			< 1.28 U		< 1.28 U	< 1.28 U				< 1.28 U	
Tetryl	479-45-8	mg/kg			< 2.11 U		< 2.11 U	< 2.11 U				< 2.11 U	
Explosives / SVOC													
2,4-Dinitrotoluene	121-14-2	mg/kg			< 2.5 UJ		< 2.5 UJ	< 2.5 UJ				< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg			< 1.4 U		< 1.4 U	< 1.4 U				< 2.5 UJ	
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.32 U		< 0.32 U	< 0.32 U				< 2 U	
2,6-Dinitrotoluene	606-20-2	mg/kg			< 2 U		< 2 U	< 2 U				< 0.32 U	
Herbicide													
2,4,5-TP (Silvex)	93-72-1	mg/kg											
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg											
Metals													
Aluminum	7429-90-5	mg/kg			9900		10900	9150				12700	
Antimony	7440-36-0	mg/kg			2.81		< 0.5 U	2.77				< 0.5 U	
Arsenic	7440-38-2	mg/kg			16.6		7.45	4.81				5.46	
Barium	7440-39-3	mg/kg			95		144	80.2				171	
Beryllium	7440-41-7	mg/kg			0.7		< 0.427 U	< 0.427 U				< 0.427 U	
Cadmium	7440-43-9	mg/kg			9.5		1.76	2.35				1.71	
Calcium	7440-70-2	mg/kg			6990		5130	2450				4410	
Chromium	7440-47-3	mg/kg			47.6		16.6	17.5				16.1	
Cobalt	7440-48-4	mg/kg			10.5		7.2	6.35				6.29	
Copper	7440-50-8	mg/kg			94.4		32.6	47				235	
Iron	7439-89-6	mg/kg			39900		26900	33800				26900	
Lead	7439-92-1	mg/kg			443		71.7	107				32.1	
Magnesium	7439-95-4	mg/kg			8660		2920	2110				2860	
Manganese	7439-96-5	mg/kg			300		1130	282				1400 D	
Mercury	7439-97-6	mg/kg			12 D		0.11	0.24				0.1	
Nickel	7440-02-0	mg/kg			57.1		12.4	9.76				11.2	
Potassium	7440-09-7	mg/kg			1010		705	900				1170	
Selenium	7782-49-2	mg/kg			< 0.449 U		< 0.449 U	< 0.449 U				< 0.449 U	
Silver	7440-22-4	mg/kg			1.88		38.7	< 0.803 U				4.35	
Sodium	7440-23-5	mg/kg			152		117	80.9				83	
Thallium	7440-28-0	mg/kg			< 34.3 U		< 34.3 U	< 34.3 U				< 34.3 U	
Vanadium	7440-62-2	mg/kg			33.5		21.9	20.7				26.1	
Zinc	7440-66-6	mg/kg			1050		419	249				375	

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-SB122-2	D-SS122-1	D-SS122-1	D-SS122-2	D-SS122-2	D-SS122-3	D-SS122-3	D-SS122-4	D-SS122-4	D-SS122-5
		Sample Date	12/3/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993
		Depth Interval	0 - 2	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1	0 - .5	.5 - 1
		Sample ID	SB122-2B(0-2)	SS122-1B(0.5-1)	SS122-1A(0-0.5)	SS122-2B(0.5-1)	SS122-2A(0-0.5)	SS122-3A(0-0.5)	SS122-3B(0.5-1)	SS122-4B(0.5-1)	SS122-4A(0-0.5)	SS122-5B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
Other												
1,4-Oxathiane	15980-15-1	mg/kg			< 0.075 U		< 0.075 U	< 0.075 U			< 0.075 U	
Corrositivity	CORR	No Unit										
Dithiane	51330-42-8	mg/kg			< 0.065 U		< 0.065 U	< 0.065 U			< 0.065 U	
PCBs												
Aroclor 1016	12674-11-2	mg/kg			< 0.32 U		< 0.32 U	< 0.32 U			< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg			< 1 UD							
Aroclor 1221	11104-28-2	mg/kg			< 1 UTD							
Aroclor 1232	11141-16-5	mg/kg			< 1 UTD							
Aroclor 1242	53469-21-9	mg/kg			< 1 UTD							
Aroclor 1248	12672-29-6	mg/kg			< 1 UTD							
Aroclor 1254	11097-69-1	mg/kg			< 4.4 ND							
Aroclor 1260	11096-82-5	mg/kg			< 0.79 U		< 0.79 U	< 0.79 U			< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg			< 0.48 UD							
Aroclor 1262	37324-23-5	mg/kg			< 6.3 U		< 6.3 U	< 6.3 U			< 6.3 U	
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg										
Pesticides												
4,4'-DDD	72-54-8	mg/kg			< 0.064 U		< 0.064 U	< 0.064 U			< 0.064 U	
4,4'-DDD	72-54-8	mg/kg			< 0.027 UD							
4,4'-DDE	72-55-9	mg/kg			0.12 D		< 0.068 U	< 0.068 U			< 0.068 U	
4,4'-DDE	72-55-9	mg/kg			< 0.068 U							
4,4'-DDT	50-29-3	mg/kg			< 0.1 U		< 0.1 U	< 0.1 U			< 0.1 U	
4,4'-DDT	50-29-3	mg/kg			< 0.23 ND							
Aldrin	309-00-2	mg/kg			< 1.3 U		< 1.3 U	< 1.3 U			< 1.3 U	
Aldrin	309-00-2	mg/kg			0.04 D							
alpha-BHC	319-84-6	mg/kg			< 0.028 UD		< 1.3 U	< 1.3 U			< 1.3 U	
alpha-BHC	319-84-6	mg/kg			< 1.3 U							
alpha-Chlordane	5103-71-9	mg/kg										
Atrazine	1912-24-9	mg/kg			< 0.065 U		< 0.065 U	< 0.065 U			< 0.065 U	
beta-BHC	319-85-7	mg/kg			< 0.077 UD		< 1.3 U	< 1.3 U			< 1.3 U	
beta-BHC	319-85-7	mg/kg			< 1.3 U							
Chlordane	57-74-9	mg/kg			< 0.68 UD		< 0.68 U	< 0.68 U			< 0.68 U	
Chlordane	57-74-9	mg/kg			< 0.68 U							
delta-BHC	319-86-8	mg/kg			< 0.21 U		< 0.21 U	< 0.21 U			< 0.21 U	
delta-BHC	319-86-8	mg/kg			< 0.085 UD							
Diazinon	333-41-5	mg/kg										
Dieldrin	60-57-1	mg/kg			< 0.079 U		< 0.079 U	< 0.079 U			< 0.079 U	
Dieldrin	60-57-1	mg/kg			< 0.17 ND							
Endosulfan I	959-98-8	mg/kg			0.18 D		< 0.4 U	< 0.4 U			< 0.4 U	
Endosulfan I	959-98-8	mg/kg			< 0.4 U							
Endosulfan II	33213-65-9	mg/kg			< 2.4 U		< 2.4 U	< 2.4 U			< 2.4 U	
Endosulfan II	33213-65-9	mg/kg			0.06 D							
Endosulfan sulfate	1031-07-8	mg/kg			< 1.2 U		< 1.2 U	< 1.2 U			< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg			< 0.011 ND							
Endrin	72-20-8	mg/kg			< 0.065 UD		< 1.3 U	< 1.3 U			< 1.3 U	
Endrin	72-20-8	mg/kg			< 1.3 U							
Endrin aldehyde	7421-93-4	mg/kg			< 1.8 U		< 1.8 U	< 1.8 U			< 1.8 U	
Endrin ketone	53494-70-5	mg/kg			< 0.05 ND							
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.1 U		< 0.1 U	< 0.1 U			< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.01 UD							
gamma-Chlordane	5103-74-2	mg/kg										
Heptachlor	76-44-8	mg/kg			< 0.24 U		< 0.24 U	< 0.24 U			< 0.24 U	

Chemical Name	CAS No	Unit	Site Name	122	122	122	122	122	122	122	122	122	122
			Location ID	D-SB122-2	D-SS122-1	D-SS122-1	D-SS122-2	D-SS122-2	D-SS122-3	D-SS122-3	D-SS122-4	D-SS122-4	D-SS122-5
			Sample Date	12/3/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993
			Depth Interval	0 - 2	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1	0 - .5	.5 - 1
			Sample ID	SB122-2B(0-2)	SS122-1B(0.5-1)	SS122-1A(0-0.5)	SS122-2B(0.5-1)	SS122-2A(0-0.5)	SS122-3A(0-0.5)	SS122-3B(0.5-1)	SS122-4B(0.5-1)	SS122-4A(0-0.5)	SS122-5B(0.5-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Heptachlor	76-44-8	mg/kg				< 0.022 UD							
Heptachlor epoxide	1024-57-3	mg/kg				0.12 D		< 0.48 U	< 0.48 U			< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg				< 0.48 U							
Isodrin	465-73-6	mg/kg				< 0.053 ND		< 0.48 U	< 0.48 U			< 0.48 U	
Isodrin	465-73-6	mg/kg				< 0.48 U							
Malathion	121-75-5	mg/kg				< 0.18 U		< 0.18 U	< 0.18 U			< 0.18 U	
Methoxychlor	72-43-5	mg/kg				< 0.36 UD		< 0.26 U	< 0.26 U			< 0.26 U	
Methoxychlor	72-43-5	mg/kg				< 0.26 U							
Mirex	2385-85-5	mg/kg				< 0.14 U		< 0.14 U	< 0.14 U			< 0.14 U	
Parathion	56-38-2	mg/kg				< 1.7 U		< 1.7 U	< 1.7 U			< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg				< 0.097 U		< 0.097 U	< 0.097 U			< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg				< 0.066 U		< 0.066 U	< 0.066 U			< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg				< 0.32 U		< 0.32 U	< 0.32 U			< 0.32 U	
Supona	470-90-6	mg/kg				< 0.92 U		< 0.92 U	< 0.92 U			< 0.92 U	
Toxaphene	8001-35-2	mg/kg				< 2.3 UD		< 12 U	< 12 U			< 12 U	
Toxaphene	8001-35-2	mg/kg				< 12 U							
Vapona	62-73-7	mg/kg				< 0.068 U		< 0.068 U	< 0.068 U			< 0.068 U	
Radiological													
Cesium-134	13967-70-9	pCi/g				< 0.0474 U		< 0.031 U	< 0.0327 U			< 0.0357 U	
Cesium-137	10045-97-3	pCi/g				9.59		0.4	0.2			0.39	
Cobalt-60	10198-40-0	pCi/g				< 0.0388 U		< 0.0396 U	< 0.0326 U			< 0.0403 U	
Gross Alpha	12587-46-1	pCi/g				34.4		22.5	18			17.5	
Gross beta	12587-47-2	pCi/g				56.4		29.2	30.4			31.5	
Zinc-65	13982-39-3	pCi/g				< 0.112 U		< 0.0918 U	< 0.0964 U			< 0.0937 U	
SVOC													
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U	< 0.2 U		< 0.2 U			< 0.2 U	< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				< 0.22 U		< 0.22 U	< 0.22 U			< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg				< 0.042 U		< 0.042 U	< 0.042 U			< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg				< 0.52 U		< 0.52 U	< 0.52 U			< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.14 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.042 U	< 0.14 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg											
1,4-Dichlorobenzene	106-46-7	mg/kg				< 0.034 U		< 0.034 U	< 0.034 U			< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg				< 0.49 U		< 0.49 U	< 0.49 U			< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg				< 0.061 U		< 0.061 U	< 0.061 U			< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg				< 0.065 U		< 0.065 U	< 0.065 U			< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg				< 3 U		< 3 U	< 3 U			< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg				< 4.7 U		< 4.7 U	< 4.7 U			< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg				< 0.57 U		< 0.57 U	< 0.57 U			< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg				< 0.24 U		< 0.24 U	< 0.24 U			< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg				< 0.055 U		< 0.055 U	< 0.055 U			< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg				0.34		0.52	< 0.032 U			0.32	
2-Methylphenol	95-48-7	mg/kg				< 0.098 U		< 0.098 U	< 0.098 U			< 0.098 U	
2-Nitroaniline	88-74-4	mg/kg											
2-Nitrophenol	88-75-5	mg/kg				< 1.1 U		< 1.1 U	< 1.1 U			< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg				< 1.6 U		< 1.6 U	< 1.6 U			< 1.6 U	
3,5-Dinitroaniline	618-87-1	mg/kg				< 1.6 U		< 1.6 U	< 1.6 U			< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg				< 3 U		< 3 U	< 3 U			< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg				< 0.8 U		< 0.8 U	< 0.8 U			< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg				< 0.041 U		< 0.041 U	< 0.041 U			< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg				< 0.93 U		< 0.93 U	< 0.93 U			< 0.93 U	
4-Chloroaniline	106-47-8	mg/kg											
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				< 0.17 U		< 0.17 U	< 0.17 U			< 0.17 U	

		Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-SB122-2	D-SS122-1	D-SS122-1	D-SS122-2	D-SS122-2	D-SS122-3	D-SS122-3	D-SS122-4	D-SS122-4	D-SS122-5
		Sample Date	12/3/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993
		Depth Interval	0 - 2	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1	0 - .5	.5 - 1
		Sample ID	SB122-2B(0-2)	SS122-1B(0.5-1)	SS122-1A(0-0.5)	SS122-2B(0.5-1)	SS122-2A(0-0.5)	SS122-3A(0-0.5)	SS122-3B(0.5-1)	SS122-4B(0.5-1)	SS122-4A(0-0.5)	SS122-5B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**										
4-Methylphenol	106-44-5	mg/kg			< 0.24 U#		< 0.24 U#	< 0.24 U#			< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg										
4-Nitrophenol	100-02-7	mg/kg			< 3.3 U		< 3.3 U	< 3.3 U			< 3.3 U	
Acenaphthene	83-32-9	mg/kg			2		8.6	0.46			< 0.041 U	
Acenaphthylene	208-96-8	mg/kg			6.9		4.3	0.58			< 0.033 U	
Aniline	62-53-3	mg/kg										
Anthracene	120-12-7	mg/kg			12		40 D	2.9			< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg										
Benzo(a)pyrene	50-32-8	mg/kg			10 JD		50 D	2.8			< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg			25		100 D	4.8			< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg			7.4		< 0.18 U	2.4			< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg			8.1		16	2.1			< 0.13 U	
Benzyl alcohol	100-51-6	mg/kg			< 0.032 U		< 0.032 U	< 0.032 U			< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg			< 0.19 U		< 0.19 U	< 0.19 U			< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg			< 0.36 U		< 0.36 U	< 0.36 U			< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg			< 0.44 U		< 0.44 U	< 0.44 U			< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg			6.2		< 0.48 U	< 0.48 U			< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg			< 1.8 U		< 1.8 U	< 1.8 U			< 1.8 U	
Carbazole	86-74-8	mg/kg										
Chrysene	218-01-9	mg/kg			14		60 D	4.2			0.46	
Cresols	1319-77-3	mg/kg										
Dibenz(a,h)anthracene	53-70-3	mg/kg			1.6		2.1	< 0.31 U			< 0.31 U	
Dibenzofuran	132-64-9	mg/kg			0.64		2.6	< 0.38 U			< 0.38 U	
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U			< 0.2 U	< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg			< 0.57 U		< 0.57 U	< 0.57 U			< 0.57 U	
Diethylphthalate	84-66-2	mg/kg			0.62		< 0.24 U	< 0.24 U			< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg			< 0.063 U		< 0.063 U	< 0.063 U			< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg			< 1.3 U		< 1.3 U	< 1.3 U			< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg			< 0.23 U		< 0.23 U	< 0.23 U			< 0.23 U	
Diphenylamine	122-39-4	mg/kg										
Fluoranthene	206-44-0	mg/kg			30 D		100 D	5.7			0.46	
Fluorene	86-73-7	mg/kg			3.3		12	0.88			< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg			< 0.08 U		< 0.08 U	< 0.08 U			< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg			< 0.97 U		< 0.97 U	< 0.97 U			< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg			< 0.52 U		< 0.52 U	< 0.52 U			< 0.52 U	
Hexachloroethane	67-72-1	mg/kg			< 1.8 U		< 1.8 U	< 1.8 U			< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			7.3		25 J	< 2.4 U			< 2.4 U	
Isophorone	78-59-1	mg/kg			< 0.39 U		< 0.39 U	< 0.39 U			< 0.39 U	
Naphthalene	91-20-3	mg/kg			< 0.74 U		< 0.74 U	< 0.74 U			< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg			< 0.46 U		< 0.46 U	< 0.46 U			< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg			< 1.1 U		< 1.1 U	< 1.1 U			< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg			< 0.29 U		< 0.29 U	< 0.29 U			< 0.29 U	
Pentachlorophenol	87-86-5	mg/kg			< 0.76 U		< 0.76 U	< 0.76 U			< 0.76 U	
Phenanthrene	85-01-8	mg/kg			20		90 D	7			0.62	
Phenol	108-95-2	mg/kg			< 0.052 U		< 0.052 U	< 0.052 U			< 0.052 U	
Pyrene	129-00-0	mg/kg			30 D		100 D	6.6			1	
Pyridine	110-86-1	mg/kg										
TPH												
Gasoline range organics	GRO	mg/kg										
Oil & grease	OILGREASE	mg/kg										
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg										
Total Petroleum Hydrocarbons	TPH	mg/kg										

Chemical Name	CAS No	Site Name	122	122	122	122	122	122	122	122	122	122
		Location ID	D-SB122-2	D-SS122-1	D-SS122-1	D-SS122-2	D-SS122-2	D-SS122-3	D-SS122-3	D-SS122-4	D-SS122-4	D-SS122-5
		Sample Date	12/3/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993	12/7/1993
		Depth Interval	0 - 2	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1	0 - .5	.5 - 1
		Sample ID	SB122-2B(0-2)	SS122-1B(0.5-1)	SS122-1A(0-0.5)	SS122-2B(0.5-1)	SS122-2A(0-0.5)	SS122-3A(0-0.5)	SS122-3B(0.5-1)	SS122-4B(0.5-1)	SS122-4A(0-0.5)	SS122-5B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit										
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U			< 0.2 U	< 0.2 U		0.25
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg										
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U	< 0.33 U		< 0.33 U			< 0.33 U	< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U	< 0.49 U		< 0.49 U			< 0.49 U	< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U	< 0.27 U		< 0.27 U			< 0.27 U	< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg			< 0.032 U		< 0.032 U	< 0.032 U			< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U	< 0.32 U		< 0.32 U			< 0.32 U	< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U	< 0.32 U		< 0.32 U			< 0.32 U	< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U	< 0.53 U		< 0.53 U			< 0.53 U	< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U			< 0.2 U	< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg			< 0.62 U		< 0.62 U	< 0.62 U			< 0.62 U	
2-Butanone	78-93-3	mg/kg	< 4.3 U	< 4.3 U		< 4.3 U			< 4.3 U	< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U	< 0.5 U		< 0.5 U			< 0.5 U	< 0.5 U		< 0.5 U
2-Hexanone	591-78-6	mg/kg										
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U	< 0.63 U		< 0.63 U			< 0.63 U	< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg	< 3.3 U	< 3.3 U		< 3.3 U			< 3.3 U	< 3.3 U		< 3.3 U
Acetonitrile	75-05-8	mg/kg										
Acrylonitrile	107-13-1	mg/kg	< 2 U	< 2 U		< 2 U			< 2 U	< 2 U		< 2 U
Benzene	71-43-2	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U			< 0.1 U	< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U			< 0.2 U	< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U			< 0.2 U	< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg	< 0.26 U	< 0.26 U		< 0.26 U			< 0.26 U	< 0.26 U		< 0.26 U
Carbon disulfide	75-15-0	mg/kg										
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U	< 0.31 U		< 0.31 U			< 0.31 U	< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U			< 0.1 U	< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg	< 0.64 U	< 0.64 U		< 0.64 U			< 0.64 U	< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg	< 0.24 U	< 0.24 U		< 0.24 U			< 0.24 U	< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg	< 0.96 U	< 0.96 U		< 0.96 U			< 0.96 U	< 0.96 U		< 0.96 U
cis-1,2-Dichloroethene	156-59-2	mg/kg										
cis-1,3-Dichloropropene	10061-01-5	mg/kg										
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U	< 0.25 U		< 0.25 U			< 0.25 U	< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg			< 0.071 U		< 0.071 U	< 0.071 U			< 0.071 U	
Dichlorodifluoromethane	75-71-8	mg/kg										
Ethyl benzene	100-41-4	mg/kg	< 0.19 U	< 0.19 U		< 0.19 U			< 0.19 U	< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg	< 4.4 U	< 4.4 U		< 4.4 U			< 4.4 U	< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg	< 0.23 U	< 0.23 U		< 0.23 U			< 0.23 U	< 0.23 U		< 0.23 U
Styrene	100-42-5	mg/kg										
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U	< 0.16 U		< 0.16 U			< 0.16 U	< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U			< 0.1 U	< 0.1 U		< 0.1 U
trans-1,2-Dichloroethene	156-60-5	mg/kg										
trans-1,3-Dichloropropene	10061-02-6	mg/kg										
Trichloroethene	79-01-6	mg/kg	< 0.23 U	0.33		< 0.23 U			< 0.23 U	< 0.23 U		0.67
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U	< 0.23 U		< 0.23 U			< 0.23 U	< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U	< 1.8 U		< 1.8 U			< 1.8 U	< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg	< 0.78 U	< 0.78 U		< 0.78 U			< 0.78 U	< 0.78 U		< 0.78 U
WetChem												
% Moisture	%Moist	%										
% Solids	%Solid	%										
Cyanide	57-12-5	mg/kg			< 0.25 U		< 0.25 U	< 0.25 U			< 0.25 U	
Reactivity Cyanide	REACTCN	mg/kg										
Reactivity Sulfide	REACTSU	mg/kg										

		Site Name	122	122	122	122	122
		Location ID	D-SS122-5	D-SS122-5	D-SS122-6	D-SS122-6	D-SS122-6
		Sample Date	12/7/1993	12/14/1993	12/7/1993	12/7/1993	12/14/1993
		Depth Interval	0 - .5	0 - .5	0 - .5	.5 - 1	0 - .5
		Sample ID	SS122-5A(0-0.5)-131720	SS122-5A(0-0.5)-131737	SS122-6A(0-0.5)-131722	SS122-6B(0.5-1)	SS122-6A(0-0.5)-131738
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 U		< 0.922 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 U		< 0.504 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 U		< 2 U		
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U		
HMX	2691-41-0	mg/kg	< 2 U		< 2 U		
Nitrobenzene	98-95-3	mg/kg	< 1.14 U		< 1.8 U		
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.14 U		
Nitrocellulose	9004-70-0	mg/kg	91.1		134		
Nitroglycerin	55-63-0	mg/kg	< 0.51 U		< 0.51 U		
PETN	78-11-5	mg/kg	< 1 U		< 1 U		
RDX	121-82-4	mg/kg	< 1.28 U		< 1.28 U		
Tetryl	479-45-8	mg/kg	< 2.11 U		< 2.11 U		
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U		
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 UJ		< 2.5 UJ		
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 U		< 2 U		
Herbicide							
2,4,5-TP (Silvex)	93-72-1	mg/kg					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg	14200		44500		
Antimony	7440-36-0	mg/kg	< 0.5 U		< 0.5 U		
Arsenic	7440-38-2	mg/kg	16.4		14.4		
Barium	7440-39-3	mg/kg	162		1700 D		
Beryllium	7440-41-7	mg/kg	1.13		4.29		
Cadmium	7440-43-9	mg/kg	< 1.2 U		3.32		
Calcium	7440-70-2	mg/kg	34300		160000 D		
Chromium	7440-47-3	mg/kg	18.6		25.3		
Cobalt	7440-48-4	mg/kg	8.64		11.4		
Copper	7440-50-8	mg/kg	55.1		456		
Iron	7439-89-6	mg/kg	100000 D		36300		
Lead	7439-92-1	mg/kg	24.6		257		
Magnesium	7439-95-4	mg/kg	8630		32400		
Manganese	7439-96-5	mg/kg	171		15000 D		
Mercury	7439-97-6	mg/kg	< 0.05 U		0.32		
Nickel	7440-02-0	mg/kg	20		12.4		
Potassium	7440-09-7	mg/kg	3970		2420		
Selenium	7782-49-2	mg/kg	< 0.449 U		1.12		
Silver	7440-22-4	mg/kg	< 0.803 U		< 0.803 U		
Sodium	7440-23-5	mg/kg	407		1410		
Thallium	7440-28-0	mg/kg	112		53.2		
Vanadium	7440-62-2	mg/kg	67.8		41.6		
Zinc	7440-66-6	mg/kg	105		805		

		Site Name	122	122	122	122	122
		Location ID	D-SS122-5	D-SS122-5	D-SS122-6	D-SS122-6	D-SS122-6
		Sample Date	12/7/1993	12/14/1993	12/7/1993	12/7/1993	12/14/1993
		Depth Interval	0 - .5	0 - .5	0 - .5	.5 - 1	0 - .5
		Sample ID	SS122-5A(0-0.5)-131720	SS122-5A(0-0.5)-131737	SS122-6A(0-0.5)-131722	SS122-6B(0.5-1)	SS122-6A(0-0.5)-131738
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U		
Corrositivity	CORR	No Unit					
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U		
PCBs							
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U	< 0.1 UJ	< 1 UD		< 0.1 UJ
Aroclor 1016	12674-11-2	mg/kg			< 0.32 U		
Aroclor 1221	11104-28-2	mg/kg		< 0.1 UT	< 1 UTD		< 0.1 UT
Aroclor 1232	11141-16-5	mg/kg		< 0.1 UT	< 1 UTD		< 0.1 UT
Aroclor 1242	53469-21-9	mg/kg		< 0.1 UT	< 1 UTD		< 0.1 UT
Aroclor 1248	12672-29-6	mg/kg		< 0.1 UT	< 1 UTD		< 0.1 UT
Aroclor 1254	11097-69-1	mg/kg		< 0.0479 UT	< 0.48 UTD		< 0.0479 UT
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U	7.4 JD	< 0.48 UD		< 0.0479 UJ
Aroclor 1260	11096-82-5	mg/kg			< 0.79 U		
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U		
Composite of Aroclors 1260 & 1016	Aroclor 1660	mg/kg					
Pesticides							
4,4'-DDD	72-54-8	mg/kg	< 0.064 U	< 0.27 U	< 0.064 U		< 0.27 U
4,4'-DDD	72-54-8	mg/kg			< 0.043 ND		
4,4'-DDE	72-55-9	mg/kg	< 0.068 U	< 0.27 U	< 0.068 U		< 0.27 U
4,4'-DDE	72-55-9	mg/kg			< 0.027 UD		
4,4'-DDT	50-29-3	mg/kg	< 0.1 U	0.52 D	< 0.06 ND		0.03
4,4'-DDT	50-29-3	mg/kg			< 0.1 U		
Aldrin	309-00-2	mg/kg	< 1.3 U	0.02	< 0.014 UD		< 0.14 U
Aldrin	309-00-2	mg/kg			< 1.3 U		
alpha-BHC	319-84-6	mg/kg	< 1.3 U	< 0.28 U	< 0.028 UD		< 0.28 U
alpha-BHC	319-84-6	mg/kg			< 1.3 U		
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U		
beta-BHC	319-85-7	mg/kg	< 1.3 U	< 0.77 U	< 0.077 UD		< 0.77 U
beta-BHC	319-85-7	mg/kg			< 1.3 U		
Chlordane	57-74-9	mg/kg	< 0.68 U	< 0.0684 UJ	< 0.68 UD		< 0.0684 UJ
Chlordane	57-74-9	mg/kg			< 0.68 U		
delta-BHC	319-86-8	mg/kg	< 0.21 U	< 0.85 U	< 0.21 U		< 0.85 U
delta-BHC	319-86-8	mg/kg			< 0.085 UD		
Diazinon	333-41-5	mg/kg					
Dieldrin	60-57-1	mg/kg	< 0.079 U	< 0.16 U	< 0.55 ND		< 0.68 ND
Dieldrin	60-57-1	mg/kg			< 0.079 U		
Endosulfan I	959-98-8	mg/kg	< 0.4 U	0.03	< 0.04 ND		< 0.029 ND
Endosulfan I	959-98-8	mg/kg			< 0.4 U		
Endosulfan II	33213-65-9	mg/kg	< 2.4 U	< 0.07 U	0.13 D		0.06
Endosulfan II	33213-65-9	mg/kg			< 2.4 U		
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U	0.04 N	< 0.5 UTD		< 0.05 UT
Endosulfan sulfate	1031-07-8	mg/kg			< 1.2 U		
Endrin	72-20-8	mg/kg	< 1.3 U	< 0.65 U	< 1.3 U		< 0.65 U
Endrin	72-20-8	mg/kg			< 0.065 UD		
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U		
Endrin ketone	53494-70-5	mg/kg		< 0.05 UT	< 0.082 ND		0.8 N
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.01 UD		
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg	< 0.24 U	< 0.22 U	< 0.24 U		< 0.22 U

		Site Name	122	122	122	122	122
		Location ID	D-SS122-5	D-SS122-5	D-SS122-6	D-SS122-6	D-SS122-6
		Sample Date	12/7/1993	12/14/1993	12/7/1993	12/7/1993	12/14/1993
		Depth Interval	0 - .5	0 - .5	0 - .5	.5 - 1	0 - .5
		Sample ID	SS122-5A(0-0.5)-131720	SS122-5A(0-0.5)-131737	SS122-6A(0-0.5)-131722	SS122-6B(0.5-1)	SS122-6A(0-0.5)-131738
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Heptachlor	76-44-8	mg/kg			< 0.022 UD		
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U	< 0.13 U	< 0.48 U		< 0.13 U
Heptachlor epoxide	1024-57-3	mg/kg			< 0.013 UD		
Isodrin	465-73-6	mg/kg	< 0.48 U	0.01	< 0.48 U		< 0.3 U
Isodrin	465-73-6	mg/kg			< 0.03 UD		
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U		
Methoxychlor	72-43-5	mg/kg	< 0.26 U	< 0.0359 UJ	< 0.36 UD		< 0.0359 UJ
Methoxychlor	72-43-5	mg/kg			< 0.26 U		
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U		
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U		
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U		
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U		
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U		
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U		
Toxaphene	8001-35-2	mg/kg	< 12 U	< 0.226 U	< 12 U		< 0.226 U
Toxaphene	8001-35-2	mg/kg			< 2.3 UD		
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U		
Radiological							
Cesium-134	13967-70-9	pCi/g	< 0.0529 U		< 0.0514 U		
Cesium-137	10045-97-3	pCi/g	0.31		1.32		
Cobalt-60	10198-40-0	pCi/g	< 0.0454 U		< 0.0504 U		
Gross Alpha	12587-46-1	pCi/g	46.6		47.5		
Gross beta	12587-47-2	pCi/g	35.8		43.2		
Zinc-65	13982-39-3	pCi/g	< 0.106 U		< 0.12 U		
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U		
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U		
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U		< 0.042 U	< 0.14 U	
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U		
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U		
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U		
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U		
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U		
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U		
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U		
2-Methylnaphthalene	91-57-6	mg/kg	0.42		5.1		
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U		
2-Nitroaniline	88-74-4	mg/kg					
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U		
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U		
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U		
4-Chloroaniline	106-47-8	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U		

		Site Name	122	122	122	122	122
		Location ID	D-SS122-5	D-SS122-5	D-SS122-6	D-SS122-6	D-SS122-6
		Sample Date	12/7/1993	12/14/1993	12/7/1993	12/7/1993	12/14/1993
		Depth Interval	0 - .5	0 - .5	0 - .5	.5 - 1	0 - .5
		Sample ID	SS122-5A(0-0.5)-131720	SS122-5A(0-0.5)-131737	SS122-6A(0-0.5)-131722	SS122-6B(0.5-1)	SS122-6A(0-0.5)-131738
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#		
4-Nitroaniline	100-01-6	mg/kg					
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U		
Acenaphthene	83-32-9	mg/kg	4.5		22		
Acenaphthylene	208-96-8	mg/kg	0.26		18		
Aniline	62-53-3	mg/kg					
Anthracene	120-12-7	mg/kg	6.5		200 D		
Benz(a)anthracene	56-55-3	mg/kg					
Benzo(a)pyrene	50-32-8	mg/kg	7.9		50 D		
Benzo(b)fluoranthene	205-99-2	mg/kg	10		200 D		
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		30 D		
Benzo(k)fluoranthene	207-08-9	mg/kg	5.7		24		
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U		
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U		
Carbazole	86-74-8	mg/kg					
Chrysene	218-01-9	mg/kg	8.5		12		
Cresols	1319-77-3	mg/kg					
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		4.2		
Dibenzofuran	132-64-9	mg/kg	1		8.2		
Dichlorobenzenes	25321-22-6	mg/kg				< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U		
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U		
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U		
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U		< 1.3 U		
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U		
Diphenylamine	122-39-4	mg/kg					
Fluoranthene	206-44-0	mg/kg	10 D		200 D		
Fluorene	86-73-7	mg/kg	3.3		60 D		
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U		
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U		
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		100 D		
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U		
Naphthalene	91-20-3	mg/kg	< 0.74 U		3.4		
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U		
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U		
Phenanthrene	85-01-8	mg/kg	19		400 D		
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U		
Pyrene	129-00-0	mg/kg	20 D		300 D		
Pyridine	110-86-1	mg/kg					
TPH							
Gasoline range organics	GRO	mg/kg					
Oil & grease	OILGREASE	mg/kg					
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg					
Total Petroleum Hydrocarbons	TPH	mg/kg					

		Site Name	122	122	122	122	122
		Location ID	D-SS122-5	D-SS122-5	D-SS122-6	D-SS122-6	D-SS122-6
		Sample Date	12/7/1993	12/14/1993	12/7/1993	12/7/1993	12/14/1993
		Depth Interval	0 - .5	0 - .5	0 - .5	.5 - 1	0 - .5
		Sample ID	SS122-5A(0-0.5)-131720	SS122-5A(0-0.5)-131737	SS122-6A(0-0.5)-131722	SS122-6B(0.5-1)	SS122-6A(0-0.5)-131738
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg				< 0.2 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg				< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg				< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg				< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U		
1,2-Dichloroethane	107-06-2	mg/kg				< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg				< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg				< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg				< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U		
2-Butanone	78-93-3	mg/kg				< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg				< 0.5 U	
2-Hexanone	591-78-6	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg				< 0.63 U	
Acetone	67-64-1	mg/kg				< 3.3 U	
Acetonitrile	75-05-8	mg/kg					
Acrylonitrile	107-13-1	mg/kg				< 2 U	
Benzene	71-43-2	mg/kg				< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg				< 0.2 U	
Bromoform	75-25-2	mg/kg				< 0.2 U	
Bromomethane	74-83-9	mg/kg				< 0.26 U	
Carbon disulfide	75-15-0	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg				< 0.31 U	
Chlorobenzene	108-90-7	mg/kg				< 0.1 U	
Chloroethane	75-00-3	mg/kg				< 0.64 U	
Chloroform	67-66-3	mg/kg				< 0.24 U	
Chloromethane	74-87-3	mg/kg				< 0.96 U	
cis-1,2-Dichloroethene	156-59-2	mg/kg					
cis-1,3-Dichloropropene	10061-01-5	mg/kg					
Dibromochloromethane	124-48-1	mg/kg				< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U		
Dichlorodifluoromethane	75-71-8	mg/kg					
Ethyl benzene	100-41-4	mg/kg				< 0.19 U	
Methylene chloride	75-09-2	mg/kg				< 4.4 U	
m-Xylenes	108-38-3	mg/kg				< 0.23 U	
Styrene	100-42-5	mg/kg					
Tetrachloroethene	127-18-4	mg/kg				< 0.16 U	
Toluene	108-88-3	mg/kg				< 0.1 U	
trans-1,2-Dichloroethene	156-60-5	mg/kg					
trans-1,3-Dichloropropene	10061-02-6	mg/kg					
Trichloroethene	79-01-6	mg/kg				< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg				< 0.23 U	
Vinyl chloride	75-01-4	mg/kg				< 1.8 U	
Xylenes	1330-20-7	mg/kg				< 0.78 U	
WetChem							
% Moisture	%Moist	%					
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg	< 0.25 U		17 D		
Reactivity Cyanide	REACTCN	mg/kg					
Reactivity Sulfide	REACTSU	mg/kg					

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-005	F-126-SS-006	F-126-SS-007	F-126-SS-008	F-126-SS-009	F-126-SS-010A	F-126-SS-010A	F-126-SS-011
			Sample Date	9/15/2000	9/1/2000	9/1/2000	9/1/2000	9/1/2000	9/7/2000	4/23/2001	9/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-5A(0-1)	126SS-6A(0-1)	126SS-7A(0-1)	126SS-8B(1-2)	126SS-9A(0-1)	126SS-10A(0-1)	126SS-10B(1-2)	126SS-11A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)								
Tetryl	479-45-8	mg/kg	(1)								
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)	8.8	4 J	4.1 J	5.1 J				
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)								
Cadmium	7440-43-9	mg/kg	(1)					28.6	171 J	133 J	250
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)					74.1 J	263 J		333 J
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)								
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)								
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)								
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-005	F-126-SS-006	F-126-SS-007	F-126-SS-008	F-126-SS-009	F-126-SS-010A	F-126-SS-010A	F-126-SS-011
			Sample Date	9/15/2000	9/1/2000	9/1/2000	9/1/2000	9/1/2000	9/7/2000	4/23/2001	9/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-5A(0-1)	126SS-6A(0-1)	126SS-7A(0-1)	126SS-8B(1-2)	126SS-9A(0-1)	126SS-10A(0-1)	126SS-10B(1-2)	126SS-11A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
PCBs (continued)											
Aroclor 1260	11096-82-5	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Isodrin	465-73-6	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Vapona	62-73-7	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-005	F-126-SS-006	F-126-SS-007	F-126-SS-008	F-126-SS-009	F-126-SS-010A	F-126-SS-010A	F-126-SS-011
			Sample Date	9/15/2000	9/1/2000	9/1/2000	9/1/2000	9/1/2000	9/7/2000	4/23/2001	9/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-5A(0-1)	126SS-6A(0-1)	126SS-7A(0-1)	126SS-8B(1-2)	126SS-9A(0-1)	126SS-10A(0-1)	126SS-10B(1-2)	126SS-11A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)								
Acenaphthylene	208-96-8	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)								
Benz(a)anthracene	56-55-3	mg/kg	(1)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)								
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)								
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)								
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)								
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)								
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)								
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)								
Fluorene	86-73-7	mg/kg	(1)								
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 F-126-SS-005 9/15/2000 0 - 1 126SS-5A(0-1) SO	126 F-126-SS-006 9/1/2000 0 - 1 126SS-6A(0-1) SO	126 F-126-SS-007 9/1/2000 0 - 1 126SS-7A(0-1) SO	126 F-126-SS-008 9/1/2000 1 - 2 126SS-8B(1-2) SO	126 F-126-SS-009 9/1/2000 0 - 1 126SS-9A(0-1) SO	126 F-126-SS-010A 9/7/2000 0 - 1 126SS-10A(0-1) SO	126 F-126-SS-010A 4/23/2001 1 - 2 126SS-10B(1-2) SO	126 F-126-SS-011 9/1/2000 0 - 1 126SS-11A(0-1) SO
SVOC (continued)											
Hexachloroethane	67-72-1	mg/kg	(1)								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)								
Isophorone	78-59-1	mg/kg	(1)								
Naphthalene	91-20-3	mg/kg	(1)								
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)								
Pentachlorophenol	87-86-5	mg/kg	(1)								
Phenanthrene	85-01-8	mg/kg	(1)								
Phenol	108-95-2	mg/kg	(1)								
Pyrene	129-00-0	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
1,3-Dichloropropane	142-28-9	mg/kg	(1)								
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dibromochloropropane	96-12-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
m-Xylenes	108-38-3	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)	85.4	83.3	93.4	94.2	84.5	83.1	84.3	85.3
Cyanide	57-12-5	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-011	F-126-SS-012	F-126-SS-012	F-126-SS-013	F-126-SS-014	F-126-SS-015	F-126-SS-015	F-126-SS-016
			Sample Date	4/23/2001	9/7/2000	6/11/2001	4/23/2001	4/23/2001	10/16/2001	10/16/2001	10/30/2003
			Depth Interval	1 - 2	1 - 2	5 - 5.5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-11B(1-2)	126SS-12B(1-2)	126SS-12C(5-5.5)	126SS-13A(0-1)	126SS-14A(0-1)	126SS-15(0-1)	126SS-15DUP(0-1)	126SS-16A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)								
Tetryl	479-45-8	mg/kg	(1)								
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)								
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)								
Cadmium	7440-43-9	mg/kg	(1)	252 J	76.1 J	10.1 J	90.7 J	263 J	13.9 J	33.1 J	81.4
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)		86.6 J						
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)								
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)								
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)								
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-011	F-126-SS-012	F-126-SS-012	F-126-SS-013	F-126-SS-014	F-126-SS-015	F-126-SS-015	F-126-SS-016
			Sample Date	4/23/2001	9/7/2000	6/11/2001	4/23/2001	4/23/2001	10/16/2001	10/16/2001	10/30/2003
			Depth Interval	1 - 2	1 - 2	5 - 5.5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-11B(1-2)	126SS-12B(1-2)	126SS-12C(5-5.5)	126SS-13A(0-1)	126SS-14A(0-1)	126SS-15(0-1)	126SS-15DUP(0-1)	126SS-16A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
PCBs (continued)											
Aroclor 1260	11096-82-5	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Isodrin	465-73-6	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Vapona	62-73-7	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-011	F-126-SS-012	F-126-SS-012	F-126-SS-013	F-126-SS-014	F-126-SS-015	F-126-SS-015	F-126-SS-016
			Sample Date	4/23/2001	9/7/2000	6/11/2001	4/23/2001	4/23/2001	10/16/2001	10/16/2001	10/30/2003
			Depth Interval	1 - 2	1 - 2	5 - 5.5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-11B(1-2)	126SS-12B(1-2)	126SS-12C(5-5.5)	126SS-13A(0-1)	126SS-14A(0-1)	126SS-15(0-1)	126SS-15DUP(0-1)	126SS-16A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)								
Acenaphthylene	208-96-8	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)								
Benz(a)anthracene	56-55-3	mg/kg	(1)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)								
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)								
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)								
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)								
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)								
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)								
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)								
Fluorene	86-73-7	mg/kg	(1)								
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-011	F-126-SS-012	F-126-SS-012	F-126-SS-013	F-126-SS-014	F-126-SS-015	F-126-SS-015	F-126-SS-016
			Sample Date	4/23/2001	9/7/2000	6/11/2001	4/23/2001	4/23/2001	10/16/2001	10/16/2001	10/30/2003
			Depth Interval	1 - 2	1 - 2	5 - 5.5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-11B(1-2)	126SS-12B(1-2)	126SS-12C(5-5.5)	126SS-13A(0-1)	126SS-14A(0-1)	126SS-15(0-1)	126SS-15DUP(0-1)	126SS-16A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC (continued)											
Hexachloroethane	67-72-1	mg/kg	(1)								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)								
Isophorone	78-59-1	mg/kg	(1)								
Naphthalene	91-20-3	mg/kg	(1)								
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)								
Pentachlorophenol	87-86-5	mg/kg	(1)								
Phenanthrene	85-01-8	mg/kg	(1)								
Phenol	108-95-2	mg/kg	(1)								
Pyrene	129-00-0	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
1,3-Dichloropropane	142-28-9	mg/kg	(1)								
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dibromochloropropane	96-12-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
m-Xylenes	108-38-3	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)	82	91.6	84.8	67.7	86.1	85.6	88.9	83.3
Cyanide	57-12-5	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-016	F-126-SS-017	F-126-SS-017	F-126-SS-018	F-126-SS-018	F-126-SS-019	F-126-SS-019	F-126-SS-020
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-16B(1-2)	126SS-17A(0-1)	126SS-17B(1-2)	126SS-18A(0-1)	126SS-18B(1-2)	126SS-19A(0-1)	126SS-19B(1-2)	126SS-20A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)								
Tetryl	479-45-8	mg/kg	(1)								
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)								
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)								
Cadmium	7440-43-9	mg/kg	(1)	11.7	491 D	115	122	16.7	156	7.3	148
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)				131		217		
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)								
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)								
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)								
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-016	F-126-SS-017	F-126-SS-017	F-126-SS-018	F-126-SS-018	F-126-SS-019	F-126-SS-019	F-126-SS-020
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-16B(1-2)	126SS-17A(0-1)	126SS-17B(1-2)	126SS-18A(0-1)	126SS-18B(1-2)	126SS-19A(0-1)	126SS-19B(1-2)	126SS-20A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
PCBs (continued)											
Aroclor 1260	11096-82-5	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Isodrin	465-73-6	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Vapona	62-73-7	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-016	F-126-SS-017	F-126-SS-017	F-126-SS-018	F-126-SS-018	F-126-SS-019	F-126-SS-019	F-126-SS-020
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-16B(1-2)	126SS-17A(0-1)	126SS-17B(1-2)	126SS-18A(0-1)	126SS-18B(1-2)	126SS-19A(0-1)	126SS-19B(1-2)	126SS-20A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
SVOC			ValueNo								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)								
Acenaphthylene	208-96-8	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)								
Benz(a)anthracene	56-55-3	mg/kg	(1)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)								
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)								
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)								
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)								
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)								
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)								
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)								
Fluorene	86-73-7	mg/kg	(1)								
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-016	F-126-SS-017	F-126-SS-017	F-126-SS-018	F-126-SS-018	F-126-SS-019	F-126-SS-019	F-126-SS-020
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-16B(1-2)	126SS-17A(0-1)	126SS-17B(1-2)	126SS-18A(0-1)	126SS-18B(1-2)	126SS-19A(0-1)	126SS-19B(1-2)	126SS-20A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC (continued)											
Hexachloroethane	67-72-1	mg/kg	(1)								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)								
Isophorone	78-59-1	mg/kg	(1)								
Naphthalene	91-20-3	mg/kg	(1)								
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)								
Pentachlorophenol	87-86-5	mg/kg	(1)								
Phenanthrene	85-01-8	mg/kg	(1)								
Phenol	108-95-2	mg/kg	(1)								
Pyrene	129-00-0	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
1,3-Dichloropropane	142-28-9	mg/kg	(1)								
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dibromochloropropane	96-12-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
m-Xylenes	108-38-3	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)	76.9	79.8	83.9	87.5	88.1	83.5	86.3	84.6
Cyanide	57-12-5	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-020	F-126-SS-021	F-126-SS-021	F-126-SS-022	F-126-SS-022	F-126-SS-023	F-126-SS-023	F-126-SS-024
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-20B(1-2)	126SS-21A(0-1)	126SS-21B(1-2)	126SS-22A(0-1)	126SS-22B(1-2)	126SS-23A(0-1)	126SS-23B(1-2)	126SS-24A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)								
Tetryl	479-45-8	mg/kg	(1)								
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)								
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)								
Cadmium	7440-43-9	mg/kg	(1)	31.1	95.1	38.8	124	24.2	22.8	5.7	62.1
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)								
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)								
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)								
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)								
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-020	F-126-SS-021	F-126-SS-021	F-126-SS-022	F-126-SS-022	F-126-SS-023	F-126-SS-023	F-126-SS-024
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-20B(1-2)	126SS-21A(0-1)	126SS-21B(1-2)	126SS-22A(0-1)	126SS-22B(1-2)	126SS-23A(0-1)	126SS-23B(1-2)	126SS-24A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
PCBs (continued)											
Aroclor 1260	11096-82-5	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Isodrin	465-73-6	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Vapona	62-73-7	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-020	F-126-SS-021	F-126-SS-021	F-126-SS-022	F-126-SS-022	F-126-SS-023	F-126-SS-023	F-126-SS-024
			Sample Date	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003	10/30/2003
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1	1 - 2	0 - 1
			Sample ID	126SS-20B(1-2)	126SS-21A(0-1)	126SS-21B(1-2)	126SS-22A(0-1)	126SS-22B(1-2)	126SS-23A(0-1)	126SS-23B(1-2)	126SS-24A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
SVOC			ValueNo								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)								
Acenaphthylene	208-96-8	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)								
Benz(a)anthracene	56-55-3	mg/kg	(1)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)								
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)								
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)								
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)								
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)								
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)								
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)								
Fluorene	86-73-7	mg/kg	(1)								
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 / F-126-SS-020 / 10/30/2003 / 1 - 2 / 126SS-20B(1-2) / SO / (1)	126 / F-126-SS-021 / 10/30/2003 / 0 - 1 / 126SS-21A(0-1) / SO / (1)	126 / F-126-SS-021 / 10/30/2003 / 1 - 2 / 126SS-21B(1-2) / SO / (1)	126 / F-126-SS-022 / 10/30/2003 / 0 - 1 / 126SS-22A(0-1) / SO / (1)	126 / F-126-SS-022 / 10/30/2003 / 1 - 2 / 126SS-22B(1-2) / SO / (1)	126 / F-126-SS-023 / 10/30/2003 / 0 - 1 / 126SS-23A(0-1) / SO / (1)	126 / F-126-SS-023 / 10/30/2003 / 1 - 2 / 126SS-23B(1-2) / SO / (1)	126 / F-126-SS-024 / 10/30/2003 / 0 - 1 / 126SS-24A(0-1) / SO / (1)
SVOC (continued)											
Hexachloroethane	67-72-1	mg/kg									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg									
Isophorone	78-59-1	mg/kg									
Naphthalene	91-20-3	mg/kg									
N-Nitrosodimethylamine	62-75-9	mg/kg									
n-Nitroso-di-n-propylamine	621-64-7	mg/kg									
n-Nitrosodiphenylamine	86-30-6	mg/kg									
Pentachlorophenol	87-86-5	mg/kg									
Phenanthrene	85-01-8	mg/kg									
Phenol	108-95-2	mg/kg									
Pyrene	129-00-0	mg/kg									
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg									
1,1,2-Trichloroethane	79-00-5	mg/kg									
1,1-Dichloroethane	75-34-3	mg/kg									
1,1-Dichloroethene	75-35-4	mg/kg									
1,2,3-Trichlorobenzene	87-61-6	mg/kg									
1,2-Dichloroethane	107-06-2	mg/kg									
1,2-Dichloroethene (total)	540-59-0	mg/kg									
1,2-Dichloropropane	78-87-5	mg/kg									
1,3-Dichloropropane	142-28-9	mg/kg									
2,3,6-Trichlorophenol	933-75-5	mg/kg									
2-Butanone	78-93-3	mg/kg									
2-Chloroethyl vinyl ether	110-75-8	mg/kg									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg									
Acetone	67-64-1	mg/kg									
Acrylonitrile	107-13-1	mg/kg									
Benzene	71-43-2	mg/kg									
Bromodichloromethane	75-27-4	mg/kg									
Bromoform	75-25-2	mg/kg									
Bromomethane	74-83-9	mg/kg									
Carbon tetrachloride	56-23-5	mg/kg									
Chlorobenzene	108-90-7	mg/kg									
Chloroethane	75-00-3	mg/kg									
Chloroform	67-66-3	mg/kg									
Chloromethane	74-87-3	mg/kg									
Dibromochloromethane	124-48-1	mg/kg									
Dibromochloropropane	96-12-8	mg/kg									
Ethyl benzene	100-41-4	mg/kg									
Methylene chloride	75-09-2	mg/kg									
m-Xylenes	108-38-3	mg/kg									
Tetrachloroethene	127-18-4	mg/kg									
Toluene	108-88-3	mg/kg									
Trichloroethene	79-01-6	mg/kg									
Trichlorofluoromethane	75-69-4	mg/kg									
Vinyl chloride	75-01-4	mg/kg									
Xylenes	1330-20-7	mg/kg									
WetChem											
% Solids	%Solid	%		86.8	74.9	82.3	79.4	83.6	81.2	85.8	85.6
Cyanide	57-12-5	mg/kg									

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-024	F-126-SS-025	F-126-SS-025	F-126-SS-026	F-126-SS-027	F-126-SS-028	F-126-SS-029	F-126-SS-029
			Sample Date	10/30/2003	10/30/2003	10/30/2003	1/9/2004	1/9/2004	1/9/2004	1/9/2004	1/9/2004
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-24B(1-2)	126SS-25A(0-1)	126SS-25B(1-2)	126SS-26A(0-1)	126SS-27A(0-1)	126SS-28A(0-1)	126SS-29A(0-1)	126SS-29ADUP(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)								
Tetryl	479-45-8	mg/kg	(1)								
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)								
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)								
Cadmium	7440-43-9	mg/kg	(1)	18.7	1980 D	37.3	378 D	20.2	587 D	33.3	34.3
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)								
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)								
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)								
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)								
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-024	F-126-SS-025	F-126-SS-025	F-126-SS-026	F-126-SS-027	F-126-SS-028	F-126-SS-029	F-126-SS-029
			Sample Date	10/30/2003	10/30/2003	10/30/2003	1/9/2004	1/9/2004	1/9/2004	1/9/2004	1/9/2004
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-24B(1-2)	126SS-25A(0-1)	126SS-25B(1-2)	126SS-26A(0-1)	126SS-27A(0-1)	126SS-28A(0-1)	126SS-29A(0-1)	126SS-29ADUP(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
PCBs (continued)											
Aroclor 1260	11096-82-5	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Isodrin	465-73-6	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Vapona	62-73-7	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-024	F-126-SS-025	F-126-SS-025	F-126-SS-026	F-126-SS-027	F-126-SS-028	F-126-SS-029	F-126-SS-029
			Sample Date	10/30/2003	10/30/2003	10/30/2003	1/9/2004	1/9/2004	1/9/2004	1/9/2004	1/9/2004
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-24B(1-2)	126SS-25A(0-1)	126SS-25B(1-2)	126SS-26A(0-1)	126SS-27A(0-1)	126SS-28A(0-1)	126SS-29A(0-1)	126SS-29ADUP(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
SVOC			ValueNo								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)								
Acenaphthylene	208-96-8	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)								
Benz(a)anthracene	56-55-3	mg/kg	(1)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)								
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)								
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)								
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)								
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)								
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)								
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)								
Fluorene	86-73-7	mg/kg	(1)								
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-024	F-126-SS-025	F-126-SS-025	F-126-SS-026	F-126-SS-027	F-126-SS-028	F-126-SS-029	F-126-SS-029
			Sample Date	10/30/2003	10/30/2003	10/30/2003	1/9/2004	1/9/2004	1/9/2004	1/9/2004	1/9/2004
			Depth Interval	1 - 2	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	126SS-24B(1-2)	126SS-25A(0-1)	126SS-25B(1-2)	126SS-26A(0-1)	126SS-27A(0-1)	126SS-28A(0-1)	126SS-29A(0-1)	126SS-29ADUP(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC (continued)											
Hexachloroethane	67-72-1	mg/kg	(1)								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)								
Isophorone	78-59-1	mg/kg	(1)								
Naphthalene	91-20-3	mg/kg	(1)								
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)								
Pentachlorophenol	87-86-5	mg/kg	(1)								
Phenanthrene	85-01-8	mg/kg	(1)								
Phenol	108-95-2	mg/kg	(1)								
Pyrene	129-00-0	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
1,3-Dichloropropane	142-28-9	mg/kg	(1)								
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dibromochloropropane	96-12-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
m-Xylenes	108-38-3	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)	91.6	84.9	93.8	85.7	91.2	79.7	88	86.5
Cyanide	57-12-5	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 F-126-SS-030 5/10/2004 0 - 1 126SS-30A(0-1) SO	126 F-126-SS-031 5/10/2004 0 - 1 126SS-31A(0-1) SO	126 F-126-SS-032 5/10/2004 0 - 1 126SS-32A(0-1) SO	126 F-126-SS-033 5/10/2004 0 - 1 126SS-33A(0-1) SO	126 F-SS126-1 12/2/1993 .5 - 1 SS126-1B(0.5-1) SO	126 F-SS126-1 12/2/1993 0 - .5 SS126-1A(0-0.5) SO	126 F-SS126-2 12/2/1993 .5 - 1 SS126-2B(0.5-1) SO	126 F-SS126-2 12/2/1993 0 - .5 SS126-2A(0-0.5) SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						< 0.922 UJ		< 0.922 UJ
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						< 2 UJ		< 2 UJ
3-Nitrotoluene	99-08-1	mg/kg	(1)						< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg	(1)						< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)						< 1.8 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)						< 1.14 UJ		< 1.14 UJ
Nitrocellulose	9004-70-0	mg/kg	(1)						499 J		193 J
Nitroglycerin	55-63-0	mg/kg	(1)						12.2		< 0.51 U
PETN	78-11-5	mg/kg	(1)						< 1 U		< 1 U
RDX	121-82-4	mg/kg	(1)						< 1.28 UJ		< 1.28 UJ
Tetryl	479-45-8	mg/kg	(1)						< 2.11 U		< 2.11 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						< 1.4 U		< 2.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						< 2.5 UJ		< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						< 2 U		< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						< 0.32 U		< 2 U
Metals											
Aluminum	7429-90-5	mg/kg	(1)						7710		7240
Antimony	7440-36-0	mg/kg	(1)						0.89		5.64
Arsenic	7440-38-2	mg/kg	(1)						29.7		5
Barium	7440-39-3	mg/kg	(1)						61.8		47.6
Beryllium	7440-41-7	mg/kg	(1)						< 0.427 R		< 0.427 R
Cadmium	7440-43-9	mg/kg	(1)	9.4 E	172	55.2	139		19.9		122
Calcium	7440-70-2	mg/kg	(1)						4810		2410
Chromium	7440-47-3	mg/kg	(1)						175		2200 D
Cobalt	7440-48-4	mg/kg	(1)						6.61		6.86
Copper	7440-50-8	mg/kg	(1)						97.4		832
Iron	7439-89-6	mg/kg	(1)						25700		44500
Lead	7439-92-1	mg/kg	(1)						68.7		163
Magnesium	7439-95-4	mg/kg	(1)						2470		2150
Manganese	7439-96-5	mg/kg	(1)						219		206
Mercury	7439-97-6	mg/kg	(1)						2.1 D		0.76
Nickel	7440-02-0	mg/kg	(1)						12.1		15.3
Potassium	7440-09-7	mg/kg	(1)						762		574
Selenium	7782-49-2	mg/kg	(1)						< 0.449 U		< 0.449 U
Silver	7440-22-4	mg/kg	(1)						< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	(1)						177		95.6
Thallium	7440-28-0	mg/kg	(1)						< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)						23.4		26.5
Zinc	7440-66-6	mg/kg	(1)						224		1200
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)						< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)						< 0.065 U		< 0.065 U
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)						< 0.32 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 F-126-SS-030 5/10/2004 0 - 1 126SS-30A(0-1) SO	126 F-126-SS-031 5/10/2004 0 - 1 126SS-31A(0-1) SO	126 F-126-SS-032 5/10/2004 0 - 1 126SS-32A(0-1) SO	126 F-126-SS-033 5/10/2004 0 - 1 126SS-33A(0-1) SO	126 F-SS126-1 12/2/1993 .5 - 1 SS126-1B(0.5-1) SO	126 F-SS126-1 12/2/1993 0 - .5 SS126-1A(0-0.5) SO	126 F-SS126-2 12/2/1993 .5 - 1 SS126-2B(0.5-1) SO	126 F-SS126-2 12/2/1993 0 - .5 SS126-2A(0-0.5) SO
PCBs (continued)											
Aroclor 1260	11096-82-5	mg/kg	(1)						< 0.79 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)						< 6.3 U		< 6.3 U
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)						< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)						< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)						< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)						< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)						< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)						< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)						< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)						< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg	(2)								
delta-BHC	319-86-8	mg/kg	(1)						< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)								
Dieldrin	60-57-1	mg/kg	(1)						< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)						< 0.4 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)						< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)						< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)						< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg	(2)								
Endrin aldehyde	7421-93-4	mg/kg	(1)						< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
Heptachlor	76-44-8	mg/kg	(1)						< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)						< 0.48 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Isodrin	465-73-6	mg/kg	(1)						< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)						< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)						< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)								
Mirex	2385-85-5	mg/kg	(1)						< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	(1)						< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)						< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)						< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)						< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	(1)						< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)						< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg	(2)								
Vapona	62-73-7	mg/kg	(1)						< 0.068 U		< 0.068 U

Chemical Name	CAS No	Unit	Site Name	126	126	126	126	126	126	126	126
			Location ID	F-126-SS-030	F-126-SS-031	F-126-SS-032	F-126-SS-033	F-SS126-1	F-SS126-1	F-SS126-2	F-SS126-2
			Sample Date	5/10/2004	5/10/2004	5/10/2004	5/10/2004	12/2/1993	12/2/1993	12/2/1993	12/2/1993
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	126SS-30A(0-1)	126SS-31A(0-1)	126SS-32A(0-1)	126SS-33A(0-1)	SS126-1B(0.5-1)	SS126-1A(0-0.5)	SS126-2B(0.5-1)	SS126-2A(0-0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)						< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)						< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)						< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)						< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)						< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)						< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)						< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)						< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)						< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)						< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)						< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)						< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)						< 0.033 U		0.16
Anthracene	120-12-7	mg/kg	(1)						< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)						1.1		0.52
Benzo(a)pyrene	50-32-8	mg/kg	(1)						< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						1.8		1.1
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)						< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	(1)						1.1		1.1
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)						< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)					< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)						< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)						< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)						< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)						5.4		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)						< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)						1.5		1.1
Fluorene	86-73-7	mg/kg	(1)						< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)						< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)						< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						< 0.52 U		< 0.52 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 F-126-SS-030 5/10/2004 0 - 1 126SS-30A(0-1) SO	126 F-126-SS-031 5/10/2004 0 - 1 126SS-31A(0-1) SO	126 F-126-SS-032 5/10/2004 0 - 1 126SS-32A(0-1) SO	126 F-126-SS-033 5/10/2004 0 - 1 126SS-33A(0-1) SO	126 F-SS126-1 12/2/1993 .5 - 1 SS126-1B(0.5-1) SO	126 F-SS126-1 12/2/1993 0 - .5 SS126-1A(0-0.5) SO	126 F-SS126-2 12/2/1993 .5 - 1 SS126-2B(0.5-1) SO	126 F-SS126-2 12/2/1993 0 - .5 SS126-2A(0-0.5) SO
SVOC (continued)											
Hexachloroethane	67-72-1	mg/kg	(1)						< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg	(1)						< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)						< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)						< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						< 0.29 U		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)						< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)						1.4		0.73
Phenol	108-95-2	mg/kg	(1)						< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	(1)						1.6		1.7
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)					< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)					< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)						< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)					< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)					< 0.32 U		< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)					< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)					< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)						< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)					< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)					< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg	(1)					< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	(1)					< 2 U		< 2 U	
Benzene	71-43-2	mg/kg	(1)					< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)					< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)					< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)					< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)					< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)					< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)					< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)					< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)					< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	(1)					< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)						< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)					< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg	(1)					< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)					< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	(1)					< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg	(1)					< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg	(1)					< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)					< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)					< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)					< 0.78 U		< 0.78 U	
WetChem											
% Solids	%Solid	%	(1)	66	79.8	76.5	78.9				
Cyanide	57-12-5	mg/kg	(1)						10.5		72 D

Chemical Name	CAS No	Unit	Site Name	126	126	126	126
			Location ID	F-SS126-3	F-SS126-3	F-SS126-4	F-SS126-4
			Sample Date	12/2/1993	12/2/1993	12/2/1993	12/2/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS126-3B(0.5-1)	SS126-3A(0-0.5)	SS126-4B(0.5-1)	SS126-4A(0-0.5)
			Sample Matrix	SO	SO	SO	SO
			ValueNo				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.922 UJ		< 0.922 UJ
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 2 UJ		< 2 UJ
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg	(1)		< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)		< 1.8 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)		< 1.14 UJ		< 1.14 UJ
Nitrocellulose	9004-70-0	mg/kg	(1)		346 J		296 J
Nitroglycerin	55-63-0	mg/kg	(1)		< 0.51 U		9.74
PETN	78-11-5	mg/kg	(1)		< 1 U		< 1 U
RDX	121-82-4	mg/kg	(1)		< 1.28 UJ		< 1.28 UJ
Tetryl	479-45-8	mg/kg	(1)		< 2.11 U		< 2.11 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 1.4 U		< 2.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		< 2.5 UJ		< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 2 U		< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 0.32 U		< 0.32 U
Metals							
Aluminum	7429-90-5	mg/kg	(1)		15300		13800
Antimony	7440-36-0	mg/kg	(1)		0.89		0.59
Arsenic	7440-38-2	mg/kg	(1)		11.3		4.71
Barium	7440-39-3	mg/kg	(1)		150		71.5
Beryllium	7440-41-7	mg/kg	(1)		< 0.427 R		< 0.427 R
Cadmium	7440-43-9	mg/kg	(1)		3.6		< 1.2 U
Calcium	7440-70-2	mg/kg	(1)		8050		3360
Chromium	7440-47-3	mg/kg	(1)		45.5		21.5
Cobalt	7440-48-4	mg/kg	(1)		8.18		7.02
Copper	7440-50-8	mg/kg	(1)		59.3		42.4
Iron	7439-89-6	mg/kg	(1)		32900		30100
Lead	7439-92-1	mg/kg	(1)		127		135
Magnesium	7439-95-4	mg/kg	(1)		3560		2870
Manganese	7439-96-5	mg/kg	(1)		345		324
Mercury	7439-97-6	mg/kg	(1)		0.89		0.56
Nickel	7440-02-0	mg/kg	(1)		15.8		10.4
Potassium	7440-09-7	mg/kg	(1)		1360		1110
Selenium	7782-49-2	mg/kg	(1)		< 0.449 U		< 0.449 U
Silver	7440-22-4	mg/kg	(1)		< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	(1)		202		148
Thallium	7440-28-0	mg/kg	(1)		< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)		34.4		25.4
Zinc	7440-66-6	mg/kg	(1)		808		138
Other							
1,4-Oxathiane	15980-15-1	mg/kg	(1)		< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)		< 0.065 U		< 0.065 U
PCBs							
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.32 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)		< 0.1 U		
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.1 UT		
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.1 UT		
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.1 UT		
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.1 UT		
Aroclor 1254	11097-69-1	mg/kg	(1)		< 0.0479 UT		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 / F-SS126-3 / 12/2/1993 / .5 - 1 / SS126-3B(0.5-1) / SO	126 / F-SS126-3 / 12/2/1993 / 0 - .5 / SS126-3A(0-0.5) / SO	126 / F-SS126-4 / 12/2/1993 / .5 - 1 / SS126-4B(0.5-1) / SO	126 / F-SS126-4 / 12/2/1993 / 0 - .5 / SS126-4A(0-0.5) / SO
PCBs (continued)							
Aroclor 1260	11096-82-5	mg/kg	(1)		< 0.0479 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)		< 0.79 U		
Aroclor 1262	37324-23-5	mg/kg	(1)		< 6.3 U		< 6.3 U
Pesticides							
4,4'-DDD	72-54-8	mg/kg	(1)		< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)		< 0.27 U		
4,4'-DDE	72-55-9	mg/kg	(1)		< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)		0.5		
4,4'-DDT	50-29-3	mg/kg	(1)		< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)		0.01		
Aldrin	309-00-2	mg/kg	(1)		< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg	(2)		< 0.14 U		
alpha-BHC	319-84-6	mg/kg	(1)		< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)		< 0.28 U		
Atrazine	1912-24-9	mg/kg	(1)		< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)		< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)		< 0.77 U		
Chlordane	57-74-9	mg/kg	(1)		< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg	(2)		< 0.0684 U		
delta-BHC	319-86-8	mg/kg	(1)		< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)		< 0.85 U		
Dieldrin	60-57-1	mg/kg	(1)		< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)		0.25 N		
Endosulfan I	959-98-8	mg/kg	(1)		< 0.1 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)		< 0.4 U		
Endosulfan II	33213-65-9	mg/kg	(1)		< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)		< 0.07 U		
Endosulfan sulfate	1031-07-8	mg/kg	(1)		0.28 N		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)		< 1.2 U		
Endrin	72-20-8	mg/kg	(1)		< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg	(2)		< 0.65 U		
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)		< 0.05 UT		
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)		< 0.1 U		
Heptachlor	76-44-8	mg/kg	(1)		< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)		< 0.22 U		
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.13 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)		< 0.48 U		
Isodrin	465-73-6	mg/kg	(1)		< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg	(2)		< 0.3 U		
Malathion	121-75-5	mg/kg	(1)		< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)		< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)		< 0.0359 U		
Mirex	2385-85-5	mg/kg	(1)		< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	(1)		< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)		< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)		< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)		< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	(1)		< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)		< 0.226 U		< 12 U
Toxaphene	8001-35-2	mg/kg	(2)		< 12 U		
Vapona	62-73-7	mg/kg	(1)		< 0.068 U		< 0.068 U

Chemical Name	CAS No	Unit	Site Name	126	126	126	126
			Location ID	F-SS126-3	F-SS126-3	F-SS126-4	F-SS126-4
			Sample Date	12/2/1993	12/2/1993	12/2/1993	12/2/1993
			Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
			Sample ID	SS126-3B(0.5-1)	SS126-3A(0-0.5)	SS126-4B(0.5-1)	SS126-4A(0-0.5)
			Sample Matrix	SO	SO	SO	SO
			ValueNo				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)		< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)		< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)		< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)		< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)		< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)		< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)		< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.033 U		0.09
Anthracene	120-12-7	mg/kg	(1)		< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.041 U		< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		0.97		1
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)		< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	(1)		0.59		0.43
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)		< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 1.3 U		3.2
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)		0.56		0.4
Fluorene	86-73-7	mg/kg	(1)		< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 0.52 U		< 0.52 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	126 / F-SS126-3 / 12/2/1993 / .5 - 1 / SS126-3B(0.5-1) / SO / (1)	126 / F-SS126-3 / 12/2/1993 / 0 - .5 / SS126-3A(0-0.5) / SO	126 / F-SS126-4 / 12/2/1993 / .5 - 1 / SS126-4B(0.5-1) / SO	126 / F-SS126-4 / 12/2/1993 / 0 - .5 / SS126-4A(0-0.5) / SO
SVOC (continued)							
Hexachloroethane	67-72-1	mg/kg	(1)		< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg	(1)		< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)		< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)		< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.29 U		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)		0.35		0.32
Phenol	108-95-2	mg/kg	(1)		< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	(1)		0.83		0.8
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)		< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U		< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)		< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg	(1)	< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U		< 2 U	
Benzene	71-43-2	mg/kg	(1)	< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)	< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)	< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)	< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)	< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)	< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)		< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg	(1)	< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)	< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg	(1)	< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg	(1)	< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)	< 0.78 U		< 0.78 U	
WetChem							
% Solids	%Solid	%	(1)				
Cyanide	57-12-5	mg/kg	(1)		< 0.25 U		< 0.25 U

		Site Name	127
		Location ID	H-127-MW-001
		Sample Date	10/8/1996
		Depth Interval	20.21 - 30.21
		Sample ID	127MW-1(19961008)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U
PETN	78-11-5	ug/L	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U
Metals			
Aluminum	7429-90-5	ug/L	69
Antimony	7440-36-0	ug/L	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U
Barium	7440-39-3	ug/L	35.6
Beryllium	7440-41-7	ug/L	< 5 U
Boron	7440-42-8	ug/L	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U
Calcium	7440-70-2	ug/L	3750
Chromium	7440-47-3	ug/L	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U
Copper	7440-50-8	ug/L	< 5 U
Iron	7439-89-6	ug/L	< 36.8 U
Lead	7439-92-1	ug/L	5.43
Magnesium	7439-95-4	ug/L	1590
Manganese	7439-96-5	ug/L	33
Mercury	7439-97-6	ug/L	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U
Potassium	7440-09-7	ug/L	1060
Selenium	7782-49-2	ug/L	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U
Sodium	7440-23-5	ug/L	6650
Strontium	7440-24-6	ug/L	21.2
Thallium	7440-28-0	ug/L	< 1 U
Titanium	7440-32-6	ug/L	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U
Zinc	7440-66-6	ug/L	41.8
Zirconium	7440-67-7	ug/L	< 1 U
PCBs			
Aroclor 1016	12674-11-2	ug/L	< 0.16 R
Aroclor 1221	11104-28-2	ug/L	< 0.16 UT
Aroclor 1232	11141-16-5	ug/L	< 0.16 UT
Aroclor 1242	53469-21-9	ug/L	< 0.19 UT
Aroclor 1248	12672-29-6	ug/L	< 0.19 UT
Aroclor 1254	11097-69-1	ug/L	< 0.19 UT
Aroclor 1260	11096-82-5	ug/L	< 0.19 U
Pesticides			
Mirex	2385-85-5	ug/L	< 0.025 U
SVOC			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U

		Site Name	127
		Location ID	H-127-MW-001
		Sample Date	10/8/1996
		Depth Interval	20.21 - 30.21
		Sample ID	127MW-1(19961008)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	7.9
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 R
Phenanthrene	85-01-8	ug/L	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U
TPH			
Diesel Range Organics	DRO	ug/L	< 340 U
Gasoline range organics	GRO	ug/L	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U
TRPH	TRPH	ug/L	< 181 U
VOC			
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U

		Site Name	127
		Location ID	H-127-MW-001
		Sample Date	10/8/1996
		Depth Interval	20.21 - 30.21
		Sample ID	127MW-1(19961008)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U
Acetone	67-64-1	ug/L	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U
WetChem			
Ammonia	7664-41-7	ug/L	< 60 U
Chloride	16887-00-6	ug/L	12100
Cyanide	57-12-5	ug/L	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	162
Phosphate	14265-44-2	ug/L	< 13.3 U
Sulfate	14808-79-8	ug/L	10000
Sulfide	18496-25-8	ug/L	< 50 U

Chemical Name	CAS No	Unit	Site Name: 127	127	127	127	127	127	127	127
			Location ID: H-127-MW-001	H-127-MW-001	H-127-SB-001	H-127-SS-001C	H-127-SS-002A	H-127-SS-003C	H-127-SS-004A	H-127-SS-005A
			Sample Date: 5/13/1996	5/13/1996	11/8/2000	3/22/1996	11/29/1995	11/29/1995	11/29/1995	11/30/1995
			Depth Interval: 0 - 2	4 - 6	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID: 127MW-1A(0-2)	127MW-1B(4-6)	127SB-1B(5-7)	127SS-1C(0-1)	127SS-2A(0-1)	127SS-3C(0-1)	127SS-4A(0-1)	127SS-5A(0-1)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 UJ	< 0.488 UJ			< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U			< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U			< 0.456 U	< 0.456 U	< 0.456 U	0.66
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U			< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U			< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U			< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U			< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U			< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U			< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U			< 0.108 R	< 0.108 R	< 0.108 R	< 0.108 R
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U			< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R						
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U			< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U			< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U			< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals										
Aluminum	7429-90-5	mg/kg	6550	3700			9670	11100	8440	12700
Antimony	7440-36-0	mg/kg	0.48	< 0.1 U			0.97	0.64	0.32	0.38
Arsenic	7440-38-2	mg/kg	6.62	2.48	4.1 J		38	19.6	6.37	22.7
Barium	7440-39-3	mg/kg	45.2	12.2			96.5	201	72.6	101
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U			< 0.5 U	0.95	< 0.5 U	0.68
Boron	7440-42-8	mg/kg	< 5.91 U	7.5			10.9	14	10.3	14.2
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U			< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	6560	1270			16900	14500	5070	9240
Chromium	7440-47-3	mg/kg	14.3	12.7			20.2	16.2	12.3	20.3
Cobalt	7440-48-4	mg/kg	5.07	2.73			5.03	3.91	3	6.29
Copper	7440-50-8	mg/kg	22.9	7.8			46.6	15.6	12.2	27.2
Iron	7439-89-6	mg/kg	14000	4100			22900	17300	12800	18800
Lead	7439-92-1	mg/kg	54.4	9.05			100	44.7	28.9	48.8
Magnesium	7439-95-4	mg/kg	3280	522			3920	5220	1540	2800
Manganese	7439-96-5	mg/kg	418	194			764	6120	820	999
Mercury	7439-97-6	mg/kg	0.27	< 0.05 U			14	1.7	0.37	0.93
Nickel	7440-02-0	mg/kg	9.31	4.22			11.1	10.7	6.72	9.21
Potassium	7440-09-7	mg/kg	783	200			1440	762	391	692
Selenium	7782-49-2	mg/kg	1.02	< 0.25 U			< 0.25 U	0.53	0.55	0.52
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U			< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	474	527			504	474	522	511
Strontium	7440-24-6	mg/kg	37	19.5			95	120	46	51
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U			0.22	0.16	0.16	0.15
Titanium	7440-32-6	mg/kg	249	80.9			718 J	679 J	326 J	489 J
Vanadium	7440-62-2	mg/kg	14.6	7.19			29.7	18.7	19.1	25.3
Zinc	7440-66-6	mg/kg	61.4	16.3			272	199	76.1	127
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U			12.7	12.6	4.67	9.83

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	127 H-127-MW-001 5/13/1996 0 - 2 127MW-1A(0-2) SO	127 H-127-MW-001 5/13/1996 4 - 6 127MW-1B(4-6) SO	127 H-127-SB-001 11/8/2000 5 - 7 127SB-1B(5-7) SO	127 H-127-SS-001C 3/22/1996 0 - 1 127SS-1C(0-1) SO	127 H-127-SS-002A 11/29/1995 0 - 1 127SS-2A(0-1) SO	127 H-127-SS-003C 11/29/1995 0 - 1 127SS-3C(0-1) SO	127 H-127-SS-004A 11/29/1995 0 - 1 127SS-4A(0-1) SO	127 H-127-SS-005A 11/30/1995 0 - 1 127SS-5A(0-1) SO
PCBs										
Aroclor 1016	12674-11-2	mg/kg				< 0.0666 U				
Aroclor 1221	11104-28-2	mg/kg				< 0.082 UT				
Aroclor 1232	11141-16-5	mg/kg				< 0.082 UT				
Aroclor 1242	53469-21-9	mg/kg				< 0.082 UT				
Aroclor 1248	12672-29-6	mg/kg				< 0.082 UT				
Aroclor 1254	11097-69-1	mg/kg				< 0.082 UT				
Aroclor 1260	11096-82-5	mg/kg				0.56				
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U			< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Acenaphthene	83-32-9	mg/kg			< 0.37 U					
Acenaphthylene	208-96-8	mg/kg			< 0.37 U					
Anthracene	120-12-7	mg/kg			< 0.37 U					
Benz(a)anthracene	56-55-3	mg/kg			< 0.37 U					
Benzo(a)pyrene	50-32-8	mg/kg			< 0.37 U					
Benzo(b)fluoranthene	205-99-2	mg/kg			< 0.37 U					
Benzo(g,h,i)perylene	191-24-2	mg/kg			< 0.37 U					
Benzo(k)fluoranthene	207-08-9	mg/kg			< 0.37 U					
Chrysene	218-01-9	mg/kg			< 0.37 U					
Dibenz(a,h)anthracene	53-70-3	mg/kg			< 0.37 U					
Fluoranthene	206-44-0	mg/kg			< 0.37 U					
Fluorene	86-73-7	mg/kg			< 0.37 U					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			< 0.37 U					
Naphthalene	91-20-3	mg/kg			< 0.37 U					
Phenanthrene	85-01-8	mg/kg			< 0.37 U					
Pyrene	129-00-0	mg/kg			< 0.37 U					
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U			< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U			< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U			< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U			< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U			< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U			< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U			< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U			< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U			< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U			< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U			< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U			< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U			< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U			< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U			< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U			< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U			< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U			< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U			< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U

		Site Name	127	127	127	127	127	127	127	127
		Location ID	H-127-MW-001	H-127-MW-001	H-127-SB-001	H-127-SS-001C	H-127-SS-002A	H-127-SS-003C	H-127-SS-004A	H-127-SS-005A
		Sample Date	5/13/1996	5/13/1996	11/8/2000	3/22/1996	11/29/1995	11/29/1995	11/29/1995	11/30/1995
		Depth Interval	0 - 2	4 - 6	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	127MW-1A(0-2)	127MW-1B(4-6)	127SB-1B(5-7)	127SS-1C(0-1)	127SS-2A(0-1)	127SS-3C(0-1)	127SS-4A(0-1)	127SS-5A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
VOC (continued)										
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U			< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U			< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U			< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U			< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U			< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U			< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U			< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U			< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U			< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg					< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U			< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U			< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U			< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U			< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U			< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U			< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U			< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U			< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U			0.88	0.64	< 0.59 U	0.64
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U			< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U			< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U			< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem										
% Solids	%Solid	%			89.1					
Ammonia	7664-41-7	mg/kg	74.7	19			136	125	125	99.3
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U			< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U			< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	8.97	8.09			6.48	6.22	13.2	11.7
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	2	0.77			2.89	3.1	3.01	4.63
Phosphate	14265-44-2	mg/kg	770	230			4300	380	590	760
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U			< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U			19.9	250	20.2	39

		Site Name	127	127	127	127	127
		Location ID	H-127-SS-006A	H-127-SS-007C	H-127-SS-008	H-127-SS-009	H-127-SS-010A
		Sample Date	11/30/1995	11/30/1995	12/11/2000	12/11/2000	12/11/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	127SS-6A(0-1)	127SS-7C(0-1)	127SS-8A(0-1)	127SS-9A(0-1)	127SS-10A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U			
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U			
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U			
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U			
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U			
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U			
PETN	78-11-5	mg/kg	< 4 U	< 4 U			
Picric Acid	88-89-1	mg/kg	< 0.108 R	< 0.108 R			
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U			
Tetrazene	14097-21-3	mg/kg					
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U			
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U			
Metals							
Aluminum	7429-90-5	mg/kg	3810	12500			
Antimony	7440-36-0	mg/kg	< 0.1 U	0.26			
Arsenic	7440-38-2	mg/kg	4.09	8.75	4.8	6.6	13
Barium	7440-39-3	mg/kg	23.6	130			
Beryllium	7440-41-7	mg/kg	< 0.5 U	1.55			
Boron	7440-42-8	mg/kg	< 5.91 U	20.4			
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U			
Calcium	7440-70-2	mg/kg	2000	27700			
Chromium	7440-47-3	mg/kg	11.5	11.7			
Cobalt	7440-48-4	mg/kg	5.86	5.13			
Copper	7440-50-8	mg/kg	13.9	18			
Iron	7439-89-6	mg/kg	18500	15400			
Lead	7439-92-1	mg/kg	8.56 J	33.2			
Magnesium	7439-95-4	mg/kg	1990	7090			
Manganese	7439-96-5	mg/kg	262	652			
Mercury	7439-97-6	mg/kg	0.09	0.28			
Nickel	7440-02-0	mg/kg	8.93	12.3			
Potassium	7440-09-7	mg/kg	555	583			
Selenium	7782-49-2	mg/kg	< 0.25 U	< 0.25 U			
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U			
Sodium	7440-23-5	mg/kg	396	554			
Strontium	7440-24-6	mg/kg	15.3	190			
Thallium	7440-28-0	mg/kg	< 0.1 U	0.14			
Titanium	7440-32-6	mg/kg	522 J	1150 J			
Vanadium	7440-62-2	mg/kg	21.1	17.1			
Zinc	7440-66-6	mg/kg	41.9	60.9			
Zirconium	7440-67-7	mg/kg	7.9	30.8			

		Site Name	127	127	127	127	127
		Location ID	H-127-SS-006A	H-127-SS-007C	H-127-SS-008	H-127-SS-009	H-127-SS-010A
		Sample Date	11/30/1995	11/30/1995	12/11/2000	12/11/2000	12/11/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	127SS-6A(0-1)	127SS-7C(0-1)	127SS-8A(0-1)	127SS-9A(0-1)	127SS-10A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
PCBs							
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U			
Acenaphthene	83-32-9	mg/kg			< 0.36 U	< 0.37 U	< 0.37 U
Acenaphthylene	208-96-8	mg/kg			< 0.36 U	< 0.37 U	< 0.37 U
Anthracene	120-12-7	mg/kg			< 0.36 U	< 0.37 U	< 0.37 U
Benz(a)anthracene	56-55-3	mg/kg			0.11 J	0.13 J	0.04 J
Benzo(a)pyrene	50-32-8	mg/kg			0.12 J	0.16 J	0.05 J
Benzo(b)fluoranthene	205-99-2	mg/kg			0.15 J	0.2 J	0.11 J
Benzo(g,h,i)perylene	191-24-2	mg/kg			0.09 J	0.1 J	< 0.37 U
Benzo(k)fluoranthene	207-08-9	mg/kg			0.05 J	0.11 J	< 0.37 U
Chrysene	218-01-9	mg/kg			0.15 J	0.18 J	0.07 J
Dibenz(a,h)anthracene	53-70-3	mg/kg			< 0.36 U	< 0.37 U	< 0.37 U
Fluoranthene	206-44-0	mg/kg			0.21 J	0.19 J	0.06 J
Fluorene	86-73-7	mg/kg			< 0.36 U	< 0.37 U	< 0.37 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			0.08 J	0.12 J	< 0.37 U
Naphthalene	91-20-3	mg/kg			< 0.36 U	< 0.37 U	< 0.37 U
Phenanthrene	85-01-8	mg/kg			0.07 J	0.05 J	< 0.37 U
Pyrene	129-00-0	mg/kg			0.19 J	0.2 J	0.06 J
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U			
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U			
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U			
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U			
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U			
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U			
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U			
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U			
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U			
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U			
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U			
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U			
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U			
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U			
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U			
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U			

Chemical Name	CAS No	Unit	Site Name: 127 Location ID: H-127-SS-006A Sample Date: 11/30/1995 Depth Interval: 0 - 1 Sample ID: 127SS-6A(0-1) Sample Matrix: SO	Site Name: 127 Location ID: H-127-SS-007C Sample Date: 11/30/1995 Depth Interval: 0 - 1 Sample ID: 127SS-7C(0-1) Sample Matrix: SO	Site Name: 127 Location ID: H-127-SS-008 Sample Date: 12/11/2000 Depth Interval: 0 - 1 Sample ID: 127SS-8A(0-1) Sample Matrix: SO	Site Name: 127 Location ID: H-127-SS-009 Sample Date: 12/11/2000 Depth Interval: 0 - 1 Sample ID: 127SS-9A(0-1) Sample Matrix: SO	Site Name: 127 Location ID: H-127-SS-010A Sample Date: 12/11/2000 Depth Interval: 0 - 1 Sample ID: 127SS-10A(0-1) Sample Matrix: SO
VOC (continued)							
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U			
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U			
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U			
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U			
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U			
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U			
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U			
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U			
Ethylene Oxide	75-21-8	mg/kg	< 0.3 U	< 0.3 U			
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U			
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U			
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U			
tert-Butylalcohol	75-65-0	mg/kg	< 1 U	< 1 U			
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U			
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U			
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U			
Trichlorofluoromethane	75-69-4	mg/kg	0.66	< 0.59 U			
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U			
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U			
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U			
WetChem							
% Solids	%Solid	%			90.5	89.1	88.5
Ammonia	7664-41-7	mg/kg	< 12.5 U	21.9			
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U			
Cyanide	57-12-5	mg/kg	< 0.92 U	1.2			
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	0.71	0.8			
Phosphate	14265-44-2	mg/kg	390	270			
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U			
Sulfide	18496-25-8	mg/kg	< 6 U	1200			

			Site Name	128	128	128
			Location ID	H-128-MW-001	H-128-MW-002	H-128-MW-003
			Sample Date	10/9/1996	10/9/1996	10/10/1996
			Depth Interval	17.05 - 27.05	18.08 - 28.08	11.71 - 21.71
			Sample ID	128MW-1(19961009)	128MW-2(19961009)	128MW-3(19961010)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	(1)	< 1.21 U	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 553 U	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U	< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	(1)	< 20 U	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	(1)	< 1.17 U	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 U	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 1.56 U	< 1.56 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.0738 U	< 0.0738 U
Metals						
Aluminum	7429-90-5	ug/L	(1)	368	< 23.5 U	584
Antimony	7440-36-0	ug/L	(1)	< 1 U	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Barium	7440-39-3	ug/L	(1)	29.5	19	70.9
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U	< 5 U
Boron	7440-42-8	ug/L	(1)	< 50 U	< 50 U	< 50 U
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	(1)	1450	35900	2310
Chromium	7440-47-3	ug/L	(1)	< 6.96 U	< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U	< 50 U
Copper	7440-50-8	ug/L	(1)	11.4	< 5 U	< 5 U
Iron	7439-89-6	ug/L	(1)	< 36.8 U	< 36.8 U	< 36.8 U
Lead	7439-92-1	ug/L	(1)	3.11	< 1 U	16.5
Lead	7439-92-1	ug/L	(2)			
Magnesium	7439-95-4	ug/L	(1)	< 1000 U	12500	< 1000 U
Manganese	7439-96-5	ug/L	(1)	72.8	< 2.5 U	98.4
Mercury	7439-97-6	ug/L	(1)	< 0.243 U	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	(1)	< 7.11 U	< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	(1)	< 1000 U	2060	< 1000 U
Selenium	7782-49-2	ug/L	(1)	< 2 U	2.07	< 2 U
Silver	7440-22-4	ug/L	(1)	< 4.42 U	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	(1)	< 2290 U	24800	2410
Strontium	7440-24-6	ug/L	(1)	10.7	96.5	17.4
Thallium	7440-28-0	ug/L	(1)	< 1 U	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	(1)	< 2 U	< 2 U	< 2 U
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U	< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	(1)	< 35.8 U	< 35.8 U	86.5
Zirconium	7440-67-7	ug/L	(1)	< 1 U	< 1 U	< 1 U
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)			< 0.0233 U
4,4'-DDE	72-55-9	ug/L	(1)			< 0.027 U
4,4'-DDT	50-29-3	ug/L	(1)			< 0.034 U
Aldrin	309-00-2	ug/L	(1)			< 0.0918 U
alpha-BHC	319-84-6	ug/L	(1)			< 0.0385 U
alpha-Chlordane	5103-71-9	ug/L	(1)			< 0.075 UT
beta-BHC	319-85-7	ug/L	(1)			< 0.024 U
delta-BHC	319-86-8	ug/L	(1)			< 0.0293 U
Diazinon	333-41-5	ug/L	(1)			< 0.188 UT
Dieldrin	60-57-1	ug/L	(1)			< 0.024 U
Endosulfan I	959-98-8	ug/L	(1)			< 0.023 U
Endosulfan II	33213-65-9	ug/L	(1)			< 0.023 U
Endosulfan sulfate	1031-07-8	ug/L	(1)			< 0.0786 U
Endrin	72-20-8	ug/L	(1)			< 0.0238 U
Endrin aldehyde	7421-93-4	ug/L	(1)			< 0.0285 U
Endrin ketone	53494-70-5	ug/L	(1)			< 0.0285 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			< 0.0507 U
gamma-Chlordane	5103-74-2	ug/L	(1)			< 0.075 UT
Heptachlor	76-44-8	ug/L	(1)			< 0.0423 U
Heptachlor epoxide	1024-57-3	ug/L	(1)			< 0.0245 U
Isodrin	465-73-6	ug/L	(1)			< 0.0562 U
Malathion	121-75-5	ug/L	(1)			0.18 N
Methoxychlor	72-43-5	ug/L	(1)			< 0.057 U
Mirex	2385-85-5	ug/L	(1)	< 0.025 U	< 0.025 U	< 0.025 U
Toxaphene	8001-35-2	ug/L	(1)			< 1.35 U
Radiological						

			Site Name	128	128	128
			Location ID	H-128-MW-001	H-128-MW-002	H-128-MW-003
			Sample Date	10/9/1996	10/9/1996	10/10/1996
			Depth Interval	17.05 - 27.05	18.08 - 28.08	11.71 - 21.71
			Sample ID	128MW-1(19961009)	128MW-2(19961009)	128MW-3(19961010)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Americium-241	86954-36-1	pCi/L	(1)			< 2.85 U
Cesium-137	10045-97-3	pCi/L	(1)			< 0.991 U
Cobalt-60	10198-40-0	pCi/L	(1)			< 1.04 U
Gross alpha	12587-46-1	pCi/L	(1)			1.93
Gross beta	12587-47-2	pCi/L	(1)			3.15
Radium-226	13982-63-3	pCi/L	(1)			11.6
Total Uranium	7440-61-1 U	ug/L	(1)			0.11
Uranium-235	15117-96-1	pCi/L	(1)			< 0.0227 U
Uranium-238	7440-61-1 U-238	pCi/L	(1)			0.07
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 0.51 U	< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 1.8 U	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 4.2 U	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 21 U	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 0.99 U	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.9 U	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	(1)	< 4.3 U	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 12 U	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 4.9 U	< 4.9 U	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 17 U	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 4.2 U	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 4 U	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	(1)	< 7.3 U	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	(1)	< 0.52 U#	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	(1)	< 12 U	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 4.7 U	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 5.4 U	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 6.1 U	< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 0.87 U	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	(1)	< 13 U	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	(1)	< 0.72 U	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 1.9 U	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5.3 U	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 3.4 U	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	(1)	< 2 U	< 2 U	< 2 U
Chrysene	218-01-9	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 6.5 U	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	(1)	< 2 U	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 15 U	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	(1)	< 2.5 U	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	(1)	< 3.3 U	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 3.4 U	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 8.6 U	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 8.6 U	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3 U	< 3 U	< 3 U
Phenanthrene	85-01-8	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U

			Site Name	128	128	128
			Location ID	H-128-MW-001	H-128-MW-002	H-128-MW-003
			Sample Date	10/9/1996	10/9/1996	10/10/1996
			Depth Interval	17.05 - 27.05	18.08 - 28.08	11.71 - 21.71
			Sample ID	128MW-1(19961009)	128MW-2(19961009)	128MW-3(19961010)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Phenol	108-95-2	ug/L	(1)	< 9.2 U	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U
TPH						
Diesel Range Organics	DRO	ug/L	(1)			< 340 U
Gasoline range organics	GRO	ug/L	(1)			< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	(1)			< 340 U
TRPH	TRPH	ug/L	(1)			< 186 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 5 U	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1.2 U	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 0.68 U	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	(1)	< 6.4 U	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 3 U	< 3 U	< 3 U
Acetone	67-64-1	ug/L	(1)	< 13 U	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	(1)	< 200 U	< 200 U	< 200 U
Benzene	71-43-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 0.59 U	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	(1)	< 2.6 U	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 0.58 U	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	(1)	< 1.9 U	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	(1)	< 0.5 U	1.3	< 0.5 U
Chloromethane	74-87-3	ug/L	(1)	< 3.2 U	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 0.58 U	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 0.67 U	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 6.9 U	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	(1)	< 2000 U	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	(1)	< 400 U	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	(1)	< 2.3 U	< 2.3 U	< 2.3 U
Styrene	100-42-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	(1)	< 500 U	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	(1)	0.57	0.83	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 0.7 U	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1.4 U	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	(1)	< 8.3 U	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2.6 U	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	(1)	< 0.84 U	< 0.84 U	< 0.84 U
WetChem						
Ammonia	7664-41-7	ug/L	(1)	95.5	< 60 U	< 60 U
Chloride	16887-00-6	ug/L	(1)	2520	42000	3400
Cyanide	57-12-5	ug/L	(1)	< 2.5 U	< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	(1)	< 1230 U	< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	188	1100	< 10 U
Phosphate	14265-44-2	ug/L	(1)	< 13.3 U	27.7	14.4
Sulfate	14808-79-8	ug/L	(1)	< 10000 U	19000	15000
Sulfide	18496-25-8	ug/L	(1)	< 50 U	< 50 U	< 50 U

			Site Name	128	128	128
			Location ID	H-128-MW-003	H-128-MW-004	H-128-MW-004
			Sample Date	12/20/2000	10/9/1996	12/20/2000
			Depth Interval	11.71 - 21.71	16.7 - 26.7	16.7 - 26.7
			Sample ID	128MW-3(20001220)	128MW-4(19961009)	128MW-4(20001220)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)			
1,3-Dinitrobenzene	99-65-0	ug/L	(1)			
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)			
HMX	2691-41-0	ug/L	(1)			
Nitrobenzene	98-95-3	ug/L	(1)			
Nitrocellulose	9004-70-0	ug/L	(1)			
Nitroglycerin	55-63-0	ug/L	(1)			
Nitroguanidine	556-88-7	ug/L	(1)			
PETN	78-11-5	ug/L	(1)			
Picric Acid	88-89-1	ug/L	(1)			
RDX	121-82-4	ug/L	(1)			
Tetrazene	14097-21-3	ug/L	(1)			
Tetryl	479-45-8	ug/L	(1)			
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)			
Metals						
Aluminum	7429-90-5	ug/L	(1)		621	
Antimony	7440-36-0	ug/L	(1)		< 1 U	
Arsenic	7440-38-2	ug/L	(1)		< 1 U	
Barium	7440-39-3	ug/L	(1)		76	
Beryllium	7440-41-7	ug/L	(1)		< 5 U	
Boron	7440-42-8	ug/L	(1)		< 50 U	
Cadmium	7440-43-9	ug/L	(1)		< 3.01 U	
Calcium	7440-70-2	ug/L	(1)		2450	
Chromium	7440-47-3	ug/L	(1)		< 6.96 U	
Cobalt	7440-48-4	ug/L	(1)		< 50 U	
Copper	7440-50-8	ug/L	(1)		< 5 U	
Iron	7439-89-6	ug/L	(1)		< 36.8 U	
Lead	7439-92-1	ug/L	(1)	6.9	8.06	< 3 U
Lead	7439-92-1	ug/L	(2)	2.9 J		
Magnesium	7439-95-4	ug/L	(1)		< 1000 U	
Manganese	7439-96-5	ug/L	(1)		104	
Mercury	7439-97-6	ug/L	(1)		< 0.243 U	
Nickel	7440-02-0	ug/L	(1)		< 7.11 U	
Potassium	7440-09-7	ug/L	(1)		< 1000 U	
Selenium	7782-49-2	ug/L	(1)		< 2 U	
Silver	7440-22-4	ug/L	(1)		< 4.42 U	
Sodium	7440-23-5	ug/L	(1)		2500	
Strontium	7440-24-6	ug/L	(1)		16.9	
Thallium	7440-28-0	ug/L	(1)		< 1 U	
Titanium	7440-32-6	ug/L	(1)		< 2 U	
Vanadium	7440-62-2	ug/L	(1)		< 4.69 U	
Zinc	7440-66-6	ug/L	(1)		94.2	
Zirconium	7440-67-7	ug/L	(1)		< 1 U	
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)			
4,4'-DDE	72-55-9	ug/L	(1)			
4,4'-DDT	50-29-3	ug/L	(1)			
Aldrin	309-00-2	ug/L	(1)			
alpha-BHC	319-84-6	ug/L	(1)			
alpha-Chlordane	5103-71-9	ug/L	(1)			
beta-BHC	319-85-7	ug/L	(1)			
delta-BHC	319-86-8	ug/L	(1)			
Diazinon	333-41-5	ug/L	(1)			
Dieldrin	60-57-1	ug/L	(1)			
Endosulfan I	959-98-8	ug/L	(1)			
Endosulfan II	33213-65-9	ug/L	(1)			
Endosulfan sulfate	1031-07-8	ug/L	(1)			
Endrin	72-20-8	ug/L	(1)			
Endrin aldehyde	7421-93-4	ug/L	(1)			
Endrin ketone	53494-70-5	ug/L	(1)			
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			
gamma-Chlordane	5103-74-2	ug/L	(1)			
Heptachlor	76-44-8	ug/L	(1)			
Heptachlor epoxide	1024-57-3	ug/L	(1)			
Isodrin	465-73-6	ug/L	(1)			
Malathion	121-75-5	ug/L	(1)			
Methoxychlor	72-43-5	ug/L	(1)			
Mirex	2385-85-5	ug/L	(1)		< 0.025 U	
Toxaphene	8001-35-2	ug/L	(1)			
Radiological						

			Site Name	128	128	128
			Location ID	H-128-MW-003	H-128-MW-004	H-128-MW-004
			Sample Date	12/20/2000	10/9/1996	12/20/2000
			Depth Interval	11.71 - 21.71	16.7 - 26.7	16.7 - 26.7
			Sample ID	128MW-3(20001220)	128MW-4(19961009)	128MW-4(20001220)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Americium-241	86954-36-1	pCi/L	(1)			
Cesium-137	10045-97-3	pCi/L	(1)			
Cobalt-60	10198-40-0	pCi/L	(1)			
Gross alpha	12587-46-1	pCi/L	(1)			
Gross beta	12587-47-2	pCi/L	(1)			
Radium-226	13982-63-3	pCi/L	(1)			
Total Uranium	7440-61-1 U	ug/L	(1)			
Uranium-235	15117-96-1	pCi/L	(1)			
Uranium-238	7440-61-1 U-238	pCi/L	(1)			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 0.51 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)		< 1.8 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)		< 1.7 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)		< 1.7 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)		< 1.7 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)		< 5.2 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)		< 4.2 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)		< 2.9 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)		< 5.8 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)		< 21 U	
2-Chloronaphthalene	91-58-7	ug/L	(1)		< 0.5 U	
2-Chlorophenol	95-57-8	ug/L	(1)		< 0.99 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)		< 1.7 U	
2-Methylphenol	95-48-7	ug/L	(1)		< 3.9 U	
2-Nitroaniline	88-74-4	ug/L	(1)		< 4.3 U	
2-Nitrophenol	88-75-5	ug/L	(1)		< 3.7 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)		< 12 U	
3-Nitroaniline	99-09-2	ug/L	(1)		< 4.9 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)		< 17 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)		< 4.2 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)		< 4 U	
4-Chloroaniline	106-47-8	ug/L	(1)		< 7.3 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)		< 5.1 U	
4-Methylphenol	106-44-5	ug/L	(1)		< 0.52 U#	
4-Nitroaniline	100-01-6	ug/L	(1)		< 5.2 U	
4-Nitrophenol	100-02-7	ug/L	(1)		< 12 U	
Acenaphthene	83-32-9	ug/L	(1)		< 1.7 U	
Acenaphthylene	208-96-8	ug/L	(1)		< 0.5 U	
Aniline	62-53-3	ug/L	(1)		< 4.4 U	
Anthracene	120-12-7	ug/L	(1)		< 0.5 U	
Benz(a)anthracene	56-55-3	ug/L	(1)		< 1.6 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)		< 4.7 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)		< 5.4 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)		< 6.1 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)		< 0.87 U	
Benzoic Acid	65-85-0	ug/L	(1)		< 13 U	
Benzyl alcohol	100-51-6	ug/L	(1)		< 0.72 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)		< 1.5 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)		< 1.9 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)		< 5.3 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)		< 4.8 U	
Butylbenzyl phthalate	85-68-7	ug/L	(1)		< 3.4 U	
Carbazole	86-74-8	ug/L	(1)		< 2 U	
Chrysene	218-01-9	ug/L	(1)		< 2.4 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)		< 6.5 U	
Dibenzofuran	132-64-9	ug/L	(1)		< 1.7 U	
Diethylphthalate	84-66-2	ug/L	(1)		< 2 U	
Dimethylphthalate	131-11-3	ug/L	(1)		< 1.5 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)		< 3.7 U	
di-n-Octylphthalate	117-84-0	ug/L	(1)		< 15 U	
Diphenylamine	122-39-4	ug/L	(1)		< 2.5 U	
Fluoranthene	206-44-0	ug/L	(1)		< 3.3 U	
Fluorene	86-73-7	ug/L	(1)		< 3.7 U	
Hexachlorobenzene	118-74-1	ug/L	(1)		< 1.6 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)		< 3.4 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)		< 8.6 U	
Hexachloroethane	67-72-1	ug/L	(1)		< 1.5 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)		< 8.6 U	
Isophorone	78-59-1	ug/L	(1)		< 4.8 U	
Naphthalene	91-20-3	ug/L	(1)		< 0.5 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)		< 4.4 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)		< 3 U	
Phenanthrene	85-01-8	ug/L	(1)		< 0.5 U	

			Site Name	128	128	128
			Location ID	H-128-MW-003	H-128-MW-004	H-128-MW-004
			Sample Date	12/20/2000	10/9/1996	12/20/2000
			Depth Interval	11.71 - 21.71	16.7 - 26.7	16.7 - 26.7
			Sample ID	128MW-3(20001220)	128MW-4(19961009)	128MW-4(20001220)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Phenol	108-95-2	ug/L	(1)		< 9.2 U	
Pyrene	129-00-0	ug/L	(1)		< 2.8 U	
TPH						
Diesel Range Organics	DRO	ug/L	(1)			
Gasoline range organics	GRO	ug/L	(1)			
TPH, aviation gas fraction	50815-00-4	ug/L	(1)			
TRPH	TRPH	ug/L	(1)			
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 0.5 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 5 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1.2 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 0.68 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 0.5 U	
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 0.5 U	
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)		< 0.5 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 0.5 U	
2-Butanone	78-93-3	ug/L	(1)		< 6.4 U	
2-Hexanone	591-78-6	ug/L	(1)		< 3.6 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 3 U	
Acetone	67-64-1	ug/L	(1)		< 13 U	
Acetonitrile	75-05-8	ug/L	(1)		< 200 U	
Benzene	71-43-2	ug/L	(1)		< 0.5 U	
Bromodichloromethane	75-27-4	ug/L	(1)		< 0.59 U	
Bromoform	75-25-2	ug/L	(1)		< 2.6 U	
Bromomethane	74-83-9	ug/L	(1)		< 5.8 U	
Carbon disulfide	75-15-0	ug/L	(1)		< 0.5 U	
Carbon tetrachloride	56-23-5	ug/L	(1)		< 0.58 U	
Chlorobenzene	108-90-7	ug/L	(1)		< 0.5 U	
Chloroethane	75-00-3	ug/L	(1)		< 1.9 U	
Chloroform	67-66-3	ug/L	(1)		< 0.5 U	
Chloromethane	74-87-3	ug/L	(1)		< 3.2 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 0.58 U	
Dibromochloromethane	124-48-1	ug/L	(1)		< 0.67 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 6.9 U	
Ethanol	64-17-5	ug/L	(1)		< 2000 U	
Ethyl benzene	100-41-4	ug/L	(1)		< 0.5 U	
Isopropanol	67-63-0	ug/L	(1)		< 400 U	
Methylene chloride	75-09-2	ug/L	(1)		< 2.3 U	
Styrene	100-42-5	ug/L	(1)		< 0.5 U	
tert-Butylalcohol	75-65-0	ug/L	(1)		< 500 U	
Tetrachloroethene	127-18-4	ug/L	(1)		< 1.6 U	
Toluene	108-88-3	ug/L	(1)		0.74	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 0.7 U	
Trichloroethene	79-01-6	ug/L	(1)		< 0.5 U	
Trichlorofluoromethane	75-69-4	ug/L	(1)		< 1.4 U	
Vinyl acetate	108-05-4	ug/L	(1)		< 8.3 U	
Vinyl chloride	75-01-4	ug/L	(1)		< 2.6 U	
Xylenes	1330-20-7	ug/L	(1)		< 0.84 U	
WetChem						
Ammonia	7664-41-7	ug/L	(1)		< 60 U	
Chloride	16887-00-6	ug/L	(1)		3180	
Cyanide	57-12-5	ug/L	(1)		< 2.5 U	
Fluoride	16984-48-8	ug/L	(1)		< 1230 U	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)		152	
Phosphate	14265-44-2	ug/L	(1)		< 13.3 U	
Sulfate	14808-79-8	ug/L	(1)		< 10000 U	
Sulfide	18496-25-8	ug/L	(1)		< 50 U	

			Site Name	128
			Location ID	H-SDBG-31
			Sample Date	11/2/1993
			Depth Interval	0 - .5
			Sample ID	SDBG-31(0-0.5)
			Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U
HMX	2691-41-0	mg/kg	(1)	< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.14 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.8 U
Nitrocellulose	9004-70-0	mg/kg	(1)	212 B
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 U
PETN	78-11-5	mg/kg	(1)	< 1 U
RDX	121-82-4	mg/kg	(1)	< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 2 U
Metals				
Aluminum	7429-90-5	mg/kg	(1)	7750
Antimony	7440-36-0	mg/kg	(1)	< 1 U
Arsenic	7440-38-2	mg/kg	(1)	15.4
Barium	7440-39-3	mg/kg	(1)	130
Beryllium	7440-41-7	mg/kg	(1)	1.74
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	3220
Chromium	7440-47-3	mg/kg	(1)	14.5
Cobalt	7440-48-4	mg/kg	(1)	27.8
Copper	7440-50-8	mg/kg	(1)	59.7
Iron	7439-89-6	mg/kg	(1)	23900
Lead	7439-92-1	mg/kg	(1)	94.7
Magnesium	7439-95-4	mg/kg	(1)	2100
Manganese	7439-96-5	mg/kg	(1)	589
Mercury	7439-97-6	mg/kg	(1)	0.14
Nickel	7440-02-0	mg/kg	(1)	15.3
Potassium	7440-09-7	mg/kg	(1)	862
Selenium	7782-49-2	mg/kg	(1)	< 0.449 U
Silver	7440-22-4	mg/kg	(1)	< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	149
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	19.6
Zinc	7440-66-6	mg/kg	(1)	197
Other				
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U
PCBs				
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)	< 0.1 U
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.1 UT
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.1 UT
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.1 UT
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.1 UT
Aroclor 1254	11097-69-1	mg/kg	(1)	0.95 N
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)	< 0.0479 U
Aroclor 1262	37324-23-5	mg/kg	(1)	< 6.3 U
Pesticides				
4,4'-DDD	72-54-8	mg/kg	(1)	0.53 N
4,4'-DDD	72-54-8	mg/kg	(2)	< 0.064 U
4,4'-DDE	72-55-9	mg/kg	(1)	0.01 N
4,4'-DDE	72-55-9	mg/kg	(2)	< 0.068 U
4,4'-DDT	50-29-3	mg/kg	(1)	0.04 N
4,4'-DDT	50-29-3	mg/kg	(2)	< 0.1 U
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U
Aldrin	309-00-2	mg/kg	(2)	0.16 JN
alpha-BHC	319-84-6	mg/kg	(1)	< 1.3 U

			Site Name	128
			Location ID	H-SDBG-31
			Sample Date	11/2/1993
			Depth Interval	0 - .5
			Sample ID	SDBG-31(0-0.5)
			Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
Pesticides (continued)				
alpha-BHC	319-84-6	mg/kg	(2)	< 0.28 U
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 0.77 U
beta-BHC	319-85-7	mg/kg	(2)	< 1.3 U
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U
Chlordane	57-74-9	mg/kg	(2)	< 0.0684 U
delta-BHC	319-86-8	mg/kg	(1)	< 0.85 U
delta-BHC	319-86-8	mg/kg	(2)	< 0.21 U
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)	< 0.16 U
Endosulfan I	959-98-8	mg/kg	(1)	< 0.1 U
Endosulfan I	959-98-8	mg/kg	(2)	< 0.4 U
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)	< 0.07 U
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)	0.4 N
Endrin	72-20-8	mg/kg	(1)	< 1.3 U
Endrin	72-20-8	mg/kg	(2)	< 0.65 U
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.05 UT
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 UJ
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)	< 0.1 U
Heptachlor	76-44-8	mg/kg	(1)	< 0.22 U
Heptachlor	76-44-8	mg/kg	(2)	< 0.24 U
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.13 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)	< 0.48 U
Isodrin	465-73-6	mg/kg	(1)	< 0.48 U
Isodrin	465-73-6	mg/kg	(2)	< 0.3 U
Malathion	121-75-5	mg/kg	(1)	< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.0359 U
Methoxychlor	72-43-5	mg/kg	(2)	< 0.26 U
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U
Parathion	56-38-2	mg/kg	(1)	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U
Supona	470-90-6	mg/kg	(1)	< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 0.226 U
Toxaphene	8001-35-2	mg/kg	(2)	< 12 U
Vapona	62-73-7	mg/kg	(1)	< 0.068 U
Radiological				
Cesium-134	13967-70-9	pCi/g	(1)	< 0.026 U
Cesium-137	10045-97-3	pCi/g	(1)	0.46
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.025 U
Gross alpha	12587-46-1	pCi/g	(1)	38
Gross beta	12587-47-2	pCi/g	(1)	56
Total Uranium	7440-61-1 U	mg/kg	(1)	3.3
Zinc-65	13982-39-3	pCi/g	(1)	< 0.058 U
SVOC				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U

			Site Name	128
			Location ID	H-SDBG-31
			Sample Date	11/2/1993
			Depth Interval	0 - .5
			Sample ID	SDBG-31(0-0.5)
			Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
SVOC (continued)				
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	3.9
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	0.29
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	0.18
Phenol	108-95-2	mg/kg	(1)	< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	0.42
TPH				
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)	< 10 U
VOC				
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U
WetChem				
Cation Exchange Capacity	CEC	mg/kg	(1)	18000 D
Cyanide	57-12-5	mg/kg	(1)	0.55 J
Total organic carbon	TOC	mg/kg	(1)	24000

		Site Name	128	128	128	128	128	128	128	128
		Location ID	H-128-MW-001	H-128-MW-001	H-128-MW-002	H-128-MW-002	H-128-MW-003	H-128-MW-003	H-128-MW-004	H-128-MW-004
		Sample Date	5/23/1996	5/23/1996	5/20/1996	5/20/1996	5/21/1996	5/21/1996	5/22/1996	5/22/1996
		Depth Interval	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	10 - 12	10 - 12	15 - 17
		Sample ID	128MW-1A(0-2)	128MW-1B(4-6)	128MW-2A(0-2)	128MW-2B(4-6)	128MW-3A(0-2)	128MW-3C(10-12)	128MW-4C(10-12)	128MW-4D(15-17)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U		< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 UJ	< 0.475 UJ	< 0.475 UJ	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 U	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Isotope										
Uranium 235/238 Ratio	U-235/238 RATIO	No unit								
Metals										
Aluminum	7429-90-5	mg/kg	9220	2220	7750	7040	6160	2960	6750	2120
Antimony	7440-36-0	mg/kg	0.26	0.21	4.15	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	9.31	7.57	23.8	5.68	2.12	2.39	4.93	1.23
Barium	7440-39-3	mg/kg	37	65.9	127	29.6	26.2	10.8	29	11.4
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	1.21	< 0.5 U	< 0.5 U	< 0.5 U	0.64	< 0.5 U
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	9.02	7.62	8.56	7.85	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	315	232	9440	2180	1250	225	306	188
Chromium	7440-47-3	mg/kg	12	19.8	13.7	11.1	19	< 4.05 U	11	45.8
Cobalt	7440-48-4	mg/kg	5.37	1.79	7.57	2.65	6.46	3.3	6.67	5.51
Copper	7440-50-8	mg/kg	24.6	91.9	27.9	18.9	15.5	10.7	16	9.73
Iron	7439-89-6	mg/kg	11200	7330	12900	7750	15300	7290	15600	5410
Lead	7439-92-1	mg/kg	12.2	7.39	84.7	8.48	6.15	4.77	8.02	2.02
Magnesium	7439-95-4	mg/kg	921	270	3640	1480	1840	1040	1740	636
Manganese	7439-96-5	mg/kg	82.7	43.2	838	100	322	158	191	174
Mercury	7439-97-6	mg/kg	< 0.05 U	< 0.05 U	2.2	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	9.31	3.5	11	6.2	9.95	7.43	11.1	12.3
Potassium	7440-09-7	mg/kg	226	114	1400	422	534	273	485	146
Selenium	7782-49-2	mg/kg	0.86	0.58	0.91	1.6	0.6	< 0.25 U	0.67	< 0.25 U
Silver	7440-22-4	mg/kg	< 0.589 U	0.84	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	336	308	495	376	431	438	326	292
Strontium	7440-24-6	mg/kg	11.1	30	87	9.98	7.2	< 2.5 U	4.39	< 2.5 U
Thallium	7440-28-0	mg/kg	0.18	< 0.1 U	0.45	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Titanium	7440-32-6	mg/kg	166	73.1	556	339	216	< 50 U	171	72.1
Vanadium	7440-62-2	mg/kg	17.9	15.3	16.6	19	16.7	7.87	23.2	5.15
Zinc	7440-66-6	mg/kg	29.9	9.41	146	24.9	49.1	22.4	41.3	15.1
Zirconium	7440-67-7	mg/kg	8.56	6.07	13.3	16.6	3.78	< 2.5 U	8.93	< 2.5 U
PCBs										
Aroclor 1016	12674-11-2	mg/kg					< 0.0666 U	< 0.0666 U		
Aroclor 1221	11104-28-2	mg/kg					< 0.082 UT	< 0.082 UT		
Aroclor 1232	11141-16-5	mg/kg					< 0.082 UT	< 0.082 UT		
Aroclor 1242	53469-21-9	mg/kg					< 0.082 UT	< 0.082 UT		
Aroclor 1248	12672-29-6	mg/kg					< 0.082 UT	< 0.082 UT		
Aroclor 1254	11097-69-1	mg/kg					< 0.082 UT	< 0.082 UT		
Aroclor 1260	11096-82-5	mg/kg					< 0.0804 U	< 0.0804 U		

		Site Name	128	128	128	128	128	128	128	128
		Location ID	H-128-MW-001	H-128-MW-001	H-128-MW-002	H-128-MW-002	H-128-MW-003	H-128-MW-003	H-128-MW-004	H-128-MW-004
		Sample Date	5/23/1996	5/23/1996	5/20/1996	5/20/1996	5/21/1996	5/21/1996	5/22/1996	5/22/1996
		Depth Interval	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	10 - 12	10 - 12	15 - 17
		Sample ID	128MW-1A(0-2)	128MW-1B(4-6)	128MW-2A(0-2)	128MW-2B(4-6)	128MW-3A(0-2)	128MW-3C(10-12)	128MW-4C(10-12)	128MW-4D(15-17)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Pesticides										
4,4'-DDD	72-54-8	mg/kg					< 0.826 U	< 0.826 U		
4,4'-DDE	72-55-9	mg/kg					< 0.765 U	< 0.765 U		
4,4'-DDT	50-29-3	mg/kg					< 0.707 UJ	< 0.707 UJ		
Aldrin	309-00-2	mg/kg					< 0.729 U	< 0.729 U		
alpha-BHC	319-84-6	mg/kg					< 0.907 U	< 0.907 U		
alpha-Chlordane	5103-71-9	mg/kg					< 0.5 UT	< 0.5 UT		
beta-BHC	319-85-7	mg/kg					< 0.257 U	< 0.257 U		
delta-BHC	319-86-8	mg/kg					< 0.555 U	< 0.555 U		
Diazinon	333-41-5	mg/kg					< 0.0133 UT	< 0.0133 UT		
Dieldrin	60-57-1	mg/kg					< 0.629 U	< 0.629 U		
Endosulfan I	959-98-8	mg/kg					< 0.602 U	< 0.602 U		
Endosulfan II	33213-65-9	mg/kg					< 0.663 U	< 0.663 U		
Endosulfan sulfate	1031-07-8	mg/kg					< 0.763 U	< 0.763 U		
Endrin	72-20-8	mg/kg					< 0.657 U	< 0.657 U		
Endrin aldehyde	7421-93-4	mg/kg					< 0.024 U	< 0.024 U		
Endrin ketone	53494-70-5	mg/kg					< 0.024 UT	< 0.024 UT		
gamma-BHC (Lindane)	58-89-9	mg/kg					< 0.638 U	< 0.638 U		
gamma-Chlordane	5103-74-2	mg/kg					< 0.5 UT	< 0.5 UT		
Heptachlor	76-44-8	mg/kg					< 0.618 U	< 0.618 U		
Heptachlor epoxide	1024-57-3	mg/kg					< 0.62 U	< 0.62 U		
Isodrin	465-73-6	mg/kg					< 0.461 U	< 0.461 U		
Malathion	121-75-5	mg/kg					< 0.0133 UT	< 0.0133 UT		
Methoxychlor	72-43-5	mg/kg					< 0.0711 U	< 0.0711 U		
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Toxaphene	8001-35-2	mg/kg					< 0.444 U	< 0.444 U		
Radiological										
Americium-241	86954-36-1	pCi/g					< 0.293 U	< 0.118 U		
Cesium-137	10045-97-3	pCi/g					0.07	< 0.0161 U		
Cobalt-60	10198-40-0	pCi/g					< 0.0285 U	< 0.0208 U		
Gross alpha	12587-46-1	pCi/g					3.72	2.06		
Gross beta	12587-47-2	pCi/g					2.55	< 3.83 U		
Radium-226	13982-63-3	pCi/g					0.9	0.44		
Total Uranium	7440-61-1 U	mg/kg					1.6	0.92		
Uranium-235	15117-96-1	pCi/g					0.03	0.01		
Uranium-238	7440-61-1 U-238	pCi/g					0.46	0.32		
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U

Chemical Name	CAS No	Unit	Site Name: 128	128	128	128	128	128	128	128	128
			Location ID: H-128-MW-001	H-128-MW-001	H-128-MW-002	H-128-MW-002	H-128-MW-003	H-128-MW-003	H-128-MW-004	H-128-MW-004
			Sample Date: 5/23/1996	5/23/1996	5/20/1996	5/20/1996	5/21/1996	5/21/1996	5/22/1996	5/22/1996
			Depth Interval: 0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	10 - 12	10 - 12	15 - 17
			Sample ID: 128MW-1A(0-2)	128MW-1B(4-6)	128MW-2A(0-2)	128MW-2B(4-6)	128MW-3A(0-2)	128MW-3C(10-12)	128MW-4C(10-12)	128MW-4D(15-17)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
SVOC (continued)										
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	0.12	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	0.72	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	1.1	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	1.7	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	0.46	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	0.42	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	0.81	< 0.62 U	< 0.62 U	< 0.62 U	2.4
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	1.1	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U	< 0.068 U	1.8	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	0.59	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U	< 0.033 U	0.62	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U	< 0.033 U	1.6	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
TPH										
Diesel Fuel	68334-30-5	mg/kg					< 8.24 U	< 8.24 U		
Gasoline range organics	GRO	mg/kg					< 8.3 U	< 8.3 U		
TPH, aviation gas fraction	50815-00-4	mg/kg					< 8 U	< 8 U		

		Site Name	128	128	128	128	128	128	128	128
		Location ID	H-128-MW-001	H-128-MW-001	H-128-MW-002	H-128-MW-002	H-128-MW-003	H-128-MW-003	H-128-MW-004	H-128-MW-004
		Sample Date	5/23/1996	5/23/1996	5/20/1996	5/20/1996	5/21/1996	5/21/1996	5/22/1996	5/22/1996
		Depth Interval	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	10 - 12	10 - 12	15 - 17
		Sample ID	128MW-1A(0-2)	128MW-1B(4-6)	128MW-2A(0-2)	128MW-2B(4-6)	128MW-3A(0-2)	128MW-3C(10-12)	128MW-4C(10-12)	128MW-4D(15-17)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	0.02	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg								
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.57	< 0.59 U	< 0.59 U	0.98	0.89	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem										
% Solids	%Solid	%								
Ammonia	7664-41-7	mg/kg	43	19.2	61.1	< 12.5 U	26.1	< 12.5 U	19.2	< 12.5 U
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	44	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	2.57	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U	< 3.62 U	8.06	< 3.62 U	< 3.62 U	6.32	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	46	< 0.6 U	1.1	< 0.6 U	< 0.6 U	< 0.6 U
Phosphate	14265-44-2	mg/kg	< 7.49 U	66	1400	130	350	83	330	160
Sulfate	14808-79-8	mg/kg	176	< 90.4 U	1200	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	200	860	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	128 H-128-SB-001 12/13/2000 2 - 3 128SB-1B(2-3) SO	128 H-128-SS-001C 12/8/1995 0 - 1 128SS-1C(0-1) SO	128 H-128-SS-002C 12/8/1995 0 - 1 128SS-2C(0-1) SO	128 H-128-SS-003A 12/8/1995 0 - 1 128SS-3A(0-1) SO	128 H-128-SS-004A 3/28/1996 0 - 1 128SS-4A(0-1) SO	128 H-128-SS-005A 12/12/1995 0 - 1 128SS-5A(0-1) SO	128 H-128-SS-006A 3/22/1996 0 - 1 128SS-6A(0-1) SO	128 H-128-SS-007A 12/8/1995 0 - 1 128SS-7A(0-1) SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg		< 0.488 U	< 0.488 U	< 0.488 U		< 0.488 U		< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg		< 0.496 U	< 0.496 U	< 0.496 U		< 0.496 U		< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg		< 0.456 U	< 0.456 U	< 0.456 U		< 0.456 U		< 0.456 U
HMX	2691-41-0	mg/kg		< 0.666 U	< 0.666 U	< 0.666 U		< 0.666 U		< 0.666 U
Nitrobenzene	98-95-3	mg/kg		< 2.41 U	< 2.41 U	< 2.41 U		< 2.41 U		< 2.41 U
Nitrocellulose	9004-70-0	mg/kg		< 10.4 UJ	< 10.4 UJ	< 10.4 UJ		< 10.4 UJ		< 10.4 UJ
Nitroglycerin	55-63-0	mg/kg		< 4 U	< 4 U	< 4 U		< 4 U		< 4 U
Nitroguanidine	556-88-7	mg/kg		< 0.475 U	< 0.475 U	< 0.475 U		< 0.475 U		< 0.475 U
PETN	78-11-5	mg/kg		< 4 U	< 4 U	< 4 U		< 4 U		< 4 U
Picric Acid	88-89-1	mg/kg		< 0.108 U	< 0.108 U	< 0.108 U		< 0.108 UJ		< 0.108 U
RDX	121-82-4	mg/kg		< 0.587 U	< 0.587 U	< 0.587 U		< 0.587 U		< 0.587 U
Tetrazene	14097-21-3	mg/kg		< 1.19 R	< 1.19 R	< 1.19 R		< 1.19 R		< 1.19 R
Tetryl	479-45-8	mg/kg		< 0.731 U	< 0.731 U	< 0.731 U		< 0.731 U		< 0.731 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg		< 0.424 U	< 0.424 U	< 0.424 U		< 0.424 U		< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.524 U	< 0.524 U	< 0.524 U		< 0.524 U		< 0.524 U
Isotope										
Uranium 235/238 Ratio	U-235/238 RATIO	No unit						0.73		
Metals										
Aluminum	7429-90-5	mg/kg		17100	10700	11800		16600		6010
Antimony	7440-36-0	mg/kg		2.17	1.1	0.59		< 0.1 U		0.23
Arsenic	7440-38-2	mg/kg	16.9 D	10.3	24	26.7		6.9		76
Barium	7440-39-3	mg/kg		184	62.7	78.5		69.6		38
Beryllium	7440-41-7	mg/kg		1.68	0.61	1.7		0.65		< 0.5 U
Boron	7440-42-8	mg/kg		17	15.5	11.7		< 5.91 U		10.3
Cadmium	7440-43-9	mg/kg		0.89	< 0.7 U	< 0.7 U		< 0.7 U		< 0.7 U
Calcium	7440-70-2	mg/kg		26100	18100	2800		1580		64000
Chromium	7440-47-3	mg/kg		14.7	12.8	14.5		20.4		< 4.05 U
Cobalt	7440-48-4	mg/kg		6.38	9.3	58.2		5.86		7.47
Copper	7440-50-8	mg/kg		24.2	27.5	68.7		12.8		15.4
Iron	7439-89-6	mg/kg		17500	25600	38000		23400		42200
Lead	7439-92-1	mg/kg		47.2	64.5	25.8		16.3		12.3
Magnesium	7439-95-4	mg/kg		8450	5560	1080		2090		11000
Manganese	7439-96-5	mg/kg		1330	226	612		246		204
Mercury	7439-97-6	mg/kg		4.8	7	3.6		0.12		0.05
Nickel	7440-02-0	mg/kg		13.1	14.1	5.66		13.2		10.8
Potassium	7440-09-7	mg/kg		1730	2800	888		569		5500
Selenium	7782-49-2	mg/kg		0.94	1.4	1.8		< 0.25 U		< 0.25 U
Silver	7440-22-4	mg/kg		< 0.589 U	< 0.589 U	< 0.589 U		< 0.589 UJ		< 0.589 UJ
Sodium	7440-23-5	mg/kg		696	848	456		167		950
Strontium	7440-24-6	mg/kg		130 J	33 J	20.7 J		22.1		71
Thallium	7440-28-0	mg/kg		0.14	0.16	0.5		0.26		< 0.1 U
Titanium	7440-32-6	mg/kg		843	520	< 50 U		421		711
Vanadium	7440-62-2	mg/kg		27.4	31.1	45.4		36.1		32.6
Zinc	7440-66-6	mg/kg		334	188	47.4		62.3		11.7
Zirconium	7440-67-7	mg/kg		20.1	6	5.32		12.4		< 2.5 U
PCBs										
Aroclor 1016	12674-11-2	mg/kg					< 0.0666 U	< 0.0666 U	< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg					< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg					< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg					< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg					< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg					< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg					< 0.0804 U	< 0.0804 U	< 0.0804 U	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	128 / H-128-SB-001 / 12/13/2000 / 2 - 3 / 128SB-1B(2-3) / SO	128 / H-128-SS-001C / 12/8/1995 / 0 - 1 / 128SS-1C(0-1) / SO	128 / H-128-SS-002C / 12/8/1995 / 0 - 1 / 128SS-2C(0-1) / SO	128 / H-128-SS-003A / 12/8/1995 / 0 - 1 / 128SS-3A(0-1) / SO	128 / H-128-SS-004A / 3/28/1996 / 0 - 1 / 128SS-4A(0-1) / SO	128 / H-128-SS-005A / 12/12/1995 / 0 - 1 / 128SS-5A(0-1) / SO	128 / H-128-SS-006A / 3/22/1996 / 0 - 1 / 128SS-6A(0-1) / SO	128 / H-128-SS-007A / 12/8/1995 / 0 - 1 / 128SS-7A(0-1) / SO
Pesticides										
4,4'-DDD	72-54-8	mg/kg						< 0.826 U		
4,4'-DDE	72-55-9	mg/kg						< 0.765 U		
4,4'-DDT	50-29-3	mg/kg						< 0.707 U		
Aldrin	309-00-2	mg/kg						< 0.729 U		
alpha-BHC	319-84-6	mg/kg						< 0.907 U		
alpha-Chlordane	5103-71-9	mg/kg						< 0.5 UT		
beta-BHC	319-85-7	mg/kg						< 0.257 U		
delta-BHC	319-86-8	mg/kg						< 0.555 U		
Diazinon	333-41-5	mg/kg						< 0.0133 U		
Dieldrin	60-57-1	mg/kg						< 0.629 U		
Endosulfan I	959-98-8	mg/kg						< 0.602 U		
Endosulfan II	33213-65-9	mg/kg						< 0.663 U		
Endosulfan sulfate	1031-07-8	mg/kg						< 0.763 U		
Endrin	72-20-8	mg/kg						< 0.657 U		
Endrin aldehyde	7421-93-4	mg/kg						< 0.024 U		
Endrin ketone	53494-70-5	mg/kg						< 0.024 UT		
gamma-BHC (Lindane)	58-89-9	mg/kg						< 0.638 U		
gamma-Chlordane	5103-74-2	mg/kg						< 0.5 UT		
Heptachlor	76-44-8	mg/kg						< 0.618 U		
Heptachlor epoxide	1024-57-3	mg/kg						< 0.62 U		
Isodrin	465-73-6	mg/kg						< 0.461 U		
Malathion	121-75-5	mg/kg						< 0.0133 U		
Methoxychlor	72-43-5	mg/kg						< 0.0711 U		
Mirex	2385-85-5	mg/kg						< 0.25 U		< 0.25 U
Toxaphene	8001-35-2	mg/kg						< 0.444 U		
Radiological										
Americium-241	86954-36-1	pCi/g								
Cesium-137	10045-97-3	pCi/g								
Cobalt-60	10198-40-0	pCi/g								
Gross alpha	12587-46-1	pCi/g						4.75		
Gross beta	12587-47-2	pCi/g						2.96		
Radium-226	13982-63-3	pCi/g								
Total Uranium	7440-61-1 U	mg/kg						2.96		
Uranium-235	15117-96-1	pCi/g						0.03		
Uranium-238	7440-61-1 U-238	pCi/g						0.83		
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg						< 0.04 U		< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg						< 0.11 U		< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg						< 0.13 U		< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg						< 0.098 U		< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg						< 0.1 U		< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg						< 0.17 U		< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg						< 0.18 U		< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg						< 0.69 U		< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg						< 1.2 U		< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg						< 0.036 U		< 0.036 U
2-Chlorophenol	95-57-8	mg/kg						< 0.06 U		< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg						< 0.049 U		< 0.049 U
2-Methylphenol	95-48-7	mg/kg						< 0.029 U		< 0.029 U
2-Nitroaniline	88-74-4	mg/kg						< 0.062 U		< 0.062 U
2-Nitrophenol	88-75-5	mg/kg						< 0.14 U		< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg						< 6.3 U		< 6.3 U
3-Nitroaniline	99-09-2	mg/kg						< 0.45 U		< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						< 0.55 U		< 0.55 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	128 H-128-SB-001 12/13/2000 2 - 3 128SB-1B(2-3) SO	128 H-128-SS-001C 12/8/1995 0 - 1 128SS-1C(0-1) SO	128 H-128-SS-002C 12/8/1995 0 - 1 128SS-2C(0-1) SO	128 H-128-SS-003A 12/8/1995 0 - 1 128SS-3A(0-1) SO	128 H-128-SS-004A 3/28/1996 0 - 1 128SS-4A(0-1) SO	128 H-128-SS-005A 12/12/1995 0 - 1 128SS-5A(0-1) SO	128 H-128-SS-006A 3/22/1996 0 - 1 128SS-6A(0-1) SO	128 H-128-SS-007A 12/8/1995 0 - 1 128SS-7A(0-1) SO
SVOC (continued)										
4-Bromophenyl phenyl ether	101-55-3	mg/kg						< 0.033 U		< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg						< 0.095 U		< 0.095 U
4-Chloroaniline	106-47-8	mg/kg						< 0.81 U		< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						< 0.033 U		< 0.033 U
4-Methylphenol	106-44-5	mg/kg						< 0.24 U#		< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg						< 0.41 U		< 0.41 U
4-Nitrophenol	100-02-7	mg/kg						< 1.4 U		< 1.4 U
Acenaphthene	83-32-9	mg/kg						< 0.036 U		< 0.036 U
Acenaphthylene	208-96-8	mg/kg						< 0.033 U		< 0.033 U
Aniline	62-53-3	mg/kg						< 0.65 U		< 0.65 U
Anthracene	120-12-7	mg/kg						< 0.033 U		< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg						< 0.17 U		< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg						< 0.25 U		< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg						< 0.21 U		< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg						< 0.25 U		< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg						< 0.066 U		< 0.066 U
Benzyl alcohol	100-51-6	mg/kg						< 0.19 U		< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						< 0.059 U		< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg						< 0.033 U		< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						< 0.2 U		< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						< 0.62 U		1.5
Butylbenzyl phthalate	85-68-7	mg/kg						< 0.17 U		< 0.17 U
Carbazole	86-74-8	mg/kg						< 0.14 U		< 0.14 U
Chrysene	218-01-9	mg/kg						< 0.12 U		< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg						< 0.21 U		< 0.21 U
Dibenzofuran	132-64-9	mg/kg						< 0.035 U		< 0.035 U
Diethylphthalate	84-66-2	mg/kg						< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg						< 0.17 U		< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg						3.3		< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg						< 0.19 U		< 0.19 U
Diphenylamine	122-39-4	mg/kg						< 0.13 U		< 0.13 U
Fluoranthene	206-44-0	mg/kg						< 0.068 U		< 0.068 U
Fluorene	86-73-7	mg/kg						< 0.033 U		< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg						< 0.033 U		< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg						< 0.23 U		< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg						< 6.2 U		< 6.2 U
Hexachloroethane	67-72-1	mg/kg						< 0.15 U		< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						< 0.29 U		< 0.29 U
Isophorone	78-59-1	mg/kg						< 0.033 U		< 0.033 U
Naphthalene	91-20-3	mg/kg						< 0.037 U		< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						< 0.2 U		< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg						< 0.19 U		< 0.19 U
Pentachlorophenol	87-86-5	mg/kg						< 1.3 U		< 1.3 U
Phenanthrene	85-01-8	mg/kg						< 0.033 U		< 0.033 U
Phenol	108-95-2	mg/kg						< 0.11 U		< 0.11 U
Pyrene	129-00-0	mg/kg						< 0.033 U		< 0.033 U
TPH										
Diesel Fuel	68334-30-5	mg/kg						< 8 U		
Gasoline range organics	GRO	mg/kg						< 8 U		
TPH, aviation gas fraction	50815-00-4	mg/kg						< 8 U		

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	128 / H-128-SB-001 / 12/13/2000 / 2 - 3 / 128SB-1B(2-3) / SO /	128 / H-128-SS-001C / 12/8/1995 / 0 - 1 / 128SS-1C(0-1) / SO /	128 / H-128-SS-002C / 12/8/1995 / 0 - 1 / 128SS-2C(0-1) / SO /	128 / H-128-SS-003A / 12/8/1995 / 0 - 1 / 128SS-3A(0-1) / SO /	128 / H-128-SS-004A / 3/28/1996 / 0 - 1 / 128SS-4A(0-1) / SO /	128 / H-128-SS-005A / 12/12/1995 / 0 - 1 / 128SS-5A(0-1) / SO /	128 / H-128-SS-006A / 3/22/1996 / 0 - 1 / 128SS-6A(0-1) / SO /	128 / H-128-SS-007A / 12/8/1995 / 0 - 1 / 128SS-7A(0-1) / SO /
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U		< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		< 0.82 U	< 0.82 U	< 0.82 U		< 0.82 U		< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.54 U	< 0.54 U	< 0.54 U		< 0.54 U		< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.39 U	< 0.39 U	< 0.39 U		< 0.39 U		< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U		< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.3 U	< 0.3 U	< 0.3 U		< 0.3 U		< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U		< 0.29 U
2-Butanone	78-93-3	mg/kg		< 0.07 U	< 0.07 U	< 0.07 U		< 0.07 U		< 0.07 U
2-Hexanone	591-78-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U		< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.027 U	< 0.027 U	< 0.027 U		< 0.027 U		< 0.027 U
Acetone	67-64-1	mg/kg		< 0.017 U	< 0.017 U	< 0.017 U		< 0.017 U		< 0.017 U
Acetonitrile	75-05-8	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U
Benzene	71-43-2	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U		< 0.15 U
Bromodichloromethane	75-27-4	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U		< 0.29 U
Bromoform	75-25-2	mg/kg		< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U		< 0.69 U
Bromomethane	74-83-9	mg/kg		< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U		< 0.57 U
Carbon disulfide	75-15-0	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U		< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U		< 0.7 U
Chlorobenzene	108-90-7	mg/kg		< 0.086 U	< 0.086 U	< 0.086 U		< 0.086 U		< 0.086 U
Chloroethane	75-00-3	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U		< 0.012 U
Chloroform	67-66-3	mg/kg		< 0.087 U	< 0.087 U	< 0.087 U		< 0.087 U		< 0.087 U
Chloromethane	74-87-3	mg/kg		< 0.88 U	< 0.88 U	< 0.88 U		< 0.88 U		< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U
Dibromochloromethane	124-48-1	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U		< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg		< 0.014 U	< 0.014 U	< 0.014 U		< 0.014 U		< 0.014 U
Ethanol	64-17-5	mg/kg		< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 U		< 3.7 U
Ethyl benzene	100-41-4	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U		< 0.17 U
Ethylene Oxide	75-21-8	mg/kg		< 0.3 U	< 0.3 U	< 0.3 U		< 0.3 U		< 0.3 U
Isopropanol	67-63-0	mg/kg		< 0.79 U	< 0.79 U	< 0.79 U		< 0.79 U		< 0.79 U
Methylene chloride	75-09-2	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U		< 0.012 U
Styrene	100-42-5	mg/kg		< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U		< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg		< 1 U	< 1 U	< 1 U		< 1 U		< 1 U
Tetrachloroethene	127-18-4	mg/kg		< 0.081 U	< 0.081 U	< 0.081 U		< 0.081 U		< 0.081 U
Toluene	108-88-3	mg/kg		< 0.078 U	< 0.078 U	< 0.078 U		< 0.078 U		< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U		< 0.28 U
Trichloroethene	79-01-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U		< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.59 U	< 0.59 U	< 0.59 U		< 0.59 U		0.78
Vinyl acetate	108-05-4	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U		< 0.032 U
Vinyl chloride	75-01-4	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U		< 0.62 U
Xylenes	1330-20-7	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U		< 0.15 U
WetChem										
% Solids	%Solid	%	81.2							
Ammonia	7664-41-7	mg/kg		28.6	86.3	106		51.6		18.1
Chloride	16887-00-6	mg/kg		< 6.05 U	< 6.05 U	< 6.05 U		< 6.05 U		< 6.05 U
Cyanide	57-12-5	mg/kg		< 0.92 U	< 0.92 U	< 0.92 U		< 0.92 U		< 0.92 U
Fluoride	16984-48-8	mg/kg		7.17	7.49	21.2		6.5		< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg		0.67	1.94	1.09		< 0.6 U		1.38
Phosphate	14265-44-2	mg/kg		2400	4800	1200		290		35000
Sulfate	14808-79-8	mg/kg		< 90.4 U	< 90.4 U	< 90.4 U		< 90.4 U		< 90.4 U
Sulfide	18496-25-8	mg/kg		250	37.3	< 6 U		< 6 U		< 6 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	128 H-128-SS-008A 5/29/1996 0 - 1 128SS-8A(0-1) SO	128 H-128-SS-009A 5/29/1996 0 - 1 128SS-9A(0-1) SO	128 H-128-SS-010A 12/13/2000 0 - 1 128SS-10A(0-1) SO	128 H-128-SS-011 12/13/2000 0 - 1 128SS-11A(0-1) SO	128 H-128-SS-012 12/13/2000 0 - 1 128SS-12A(0-1) SO	128 H-128-SS-013 12/13/2000 0 - 1 128SS-13A(0-1) SO	128 H-128-SS-014 12/13/2000 0 - 1 128SS-14A(0-1) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U					
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U					
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U					
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U					
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U					
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U					
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U					
PETN	78-11-5	mg/kg	< 4 U	< 4 U					
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U					
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U					
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R					
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U					
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U					
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U					
Isotope									
Uranium 235/238 Ratio	U-235/238 RATIO	No unit							
Metals									
Aluminum	7429-90-5	mg/kg	13200	9830					
Antimony	7440-36-0	mg/kg	2.74	0.97					
Arsenic	7440-38-2	mg/kg	23.2	51	5.3	3.9	4.7	3	33.6 D
Barium	7440-39-3	mg/kg	98.8	66.4					
Beryllium	7440-41-7	mg/kg	< 0.5 U	0.68					
Boron	7440-42-8	mg/kg	11.3	10.6					
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U					
Calcium	7440-70-2	mg/kg	25100	41400					
Chromium	7440-47-3	mg/kg	11.8	8.65					
Cobalt	7440-48-4	mg/kg	7.6	8.9					
Copper	7440-50-8	mg/kg	21	18.5					
Iron	7439-89-6	mg/kg	22200	28300					
Lead	7439-92-1	mg/kg	62.4	19.7					
Magnesium	7439-95-4	mg/kg	9430	16500					
Manganese	7439-96-5	mg/kg	1090	255					
Mercury	7439-97-6	mg/kg	1.4	0.49					
Nickel	7440-02-0	mg/kg	13.9	14.4					
Potassium	7440-09-7	mg/kg	4970	9050					
Selenium	7782-49-2	mg/kg	6.09	13.8					
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U					
Sodium	7440-23-5	mg/kg	601	810					
Strontium	7440-24-6	mg/kg	58	62					
Thallium	7440-28-0	mg/kg	0.2	0.18					
Titanium	7440-32-6	mg/kg	768	1350					
Vanadium	7440-62-2	mg/kg	25.1	21.4					
Zinc	7440-66-6	mg/kg	91.3	35.3					
Zirconium	7440-67-7	mg/kg	10.7	5.37					
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	128 / H-128-SS-008A / 5/29/1996 / 0 - 1 / 128SS-8A(0-1) / SO	128 / H-128-SS-009A / 5/29/1996 / 0 - 1 / 128SS-9A(0-1) / SO	128 / H-128-SS-010A / 12/13/2000 / 0 - 1 / 128SS-10A(0-1) / SO	128 / H-128-SS-011 / 12/13/2000 / 0 - 1 / 128SS-11A(0-1) / SO	128 / H-128-SS-012 / 12/13/2000 / 0 - 1 / 128SS-12A(0-1) / SO	128 / H-128-SS-013 / 12/13/2000 / 0 - 1 / 128SS-13A(0-1) / SO	128 / H-128-SS-014 / 12/13/2000 / 0 - 1 / 128SS-14A(0-1) / SO
Pesticides									
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-Chlordane	5103-71-9	mg/kg							
beta-BHC	319-85-7	mg/kg							
delta-BHC	319-86-8	mg/kg							
Diazinon	333-41-5	mg/kg							
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin aldehyde	7421-93-4	mg/kg							
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-Chlordane	5103-74-2	mg/kg							
Heptachlor	76-44-8	mg/kg							
Heptachlor epoxide	1024-57-3	mg/kg							
Isodrin	465-73-6	mg/kg							
Malathion	121-75-5	mg/kg							
Methoxychlor	72-43-5	mg/kg							
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U					
Toxaphene	8001-35-2	mg/kg							
Radiological									
Americium-241	86954-36-1	pCi/g	< 0.231 U	< 0.613 U					
Cesium-137	10045-97-3	pCi/g	0.06	0.06					
Cobalt-60	10198-40-0	pCi/g	< 0.0262 U	< 0.039 U					
Gross alpha	12587-46-1	pCi/g	9.41	22.6					
Gross beta	12587-47-2	pCi/g	7.91	21.1					
Radium-226	13982-63-3	pCi/g	0.86	1.25					
Total Uranium	7440-61-1 U	mg/kg	1.44	2.37					
Uranium-235	15117-96-1	pCi/g	0.02	0.03					
Uranium-238	7440-61-1 U-238	pCi/g	0.49	0.79					
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U					
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U					
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U					
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U					
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U					
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U					
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U					
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U					
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U					
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U					
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U					
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U					
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U					
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U					
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U					
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U					

Chemical Name	CAS No	Unit	Site Name: 128 Location ID: H-128-SS-008A Sample Date: 5/29/1996 Depth Interval: 0 - 1 Sample ID: 128SS-8A(0-1) Sample Matrix: SO	Site Name: 128 Location ID: H-128-SS-009A Sample Date: 5/29/1996 Depth Interval: 0 - 1 Sample ID: 128SS-9A(0-1) Sample Matrix: SO	Site Name: 128 Location ID: H-128-SS-010A Sample Date: 12/13/2000 Depth Interval: 0 - 1 Sample ID: 128SS-10A(0-1) Sample Matrix: SO	Site Name: 128 Location ID: H-128-SS-011 Sample Date: 12/13/2000 Depth Interval: 0 - 1 Sample ID: 128SS-11A(0-1) Sample Matrix: SO	Site Name: 128 Location ID: H-128-SS-012 Sample Date: 12/13/2000 Depth Interval: 0 - 1 Sample ID: 128SS-12A(0-1) Sample Matrix: SO	Site Name: 128 Location ID: H-128-SS-013 Sample Date: 12/13/2000 Depth Interval: 0 - 1 Sample ID: 128SS-13A(0-1) Sample Matrix: SO	Site Name: 128 Location ID: H-128-SS-014 Sample Date: 12/13/2000 Depth Interval: 0 - 1 Sample ID: 128SS-14A(0-1) Sample Matrix: SO
SVOC (continued)									
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U					
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U					
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U					
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#					
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U					
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U					
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U					
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U					
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U					
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U					
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U					
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U					
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U					
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U					
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U					
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U					
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U					
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U					
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U					
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U					
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U					
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U					
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U					
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U					
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U					
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U					
Fluoranthene	206-44-0	mg/kg	0.3	< 0.068 U					
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U					
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U					
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U					
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U					
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U					
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U					
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U					
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U					
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U					
Phenanthrene	85-01-8	mg/kg	0.13	< 0.033 U					
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U					
Pyrene	129-00-0	mg/kg	0.25	< 0.033 U					
TPH									
Diesel Fuel	68334-30-5	mg/kg							
Gasoline range organics	GRO	mg/kg							
TPH, aviation gas fraction	50815-00-4	mg/kg							

		Site Name	128	128	128	128	128	128	128
		Location ID	H-128-SS-008A	H-128-SS-009A	H-128-SS-010A	H-128-SS-011	H-128-SS-012	H-128-SS-013	H-128-SS-014
		Sample Date	5/29/1996	5/29/1996	12/13/2000	12/13/2000	12/13/2000	12/13/2000	12/13/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	128SS-8A(0-1)	128SS-9A(0-1)	128SS-10A(0-1)	128SS-11A(0-1)	128SS-12A(0-1)	128SS-13A(0-1)	128SS-14A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U					
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U					
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U					
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U					
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U					
1,2-Dichloroethene (total)	540-59-0	mg/kg	0.01	< 0.3 U					
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U					
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U					
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U					
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U					
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U					
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U					
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U					
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U					
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U					
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U					
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U					
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U					
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U					
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U					
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U					
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U					
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U					
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U					
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U					
Ethylene Oxide	75-21-8	mg/kg							
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U					
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U					
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U					
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U					
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U					
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U					
Trichloroethene	79-01-6	mg/kg	0.04	< 0.28 U					
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.01					
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U					
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U					
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U					
WetChem									
% Solids	%Solid	%			90.9	93.1	93.1	94.8	82.6
Ammonia	7664-41-7	mg/kg	68.6	37					
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U					
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U					
Fluoride	16984-48-8	mg/kg	9.29	< 3.62 U					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	1.18	0.93					
Phosphate	14265-44-2	mg/kg	7800	11000					
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U					
Sulfide	18496-25-8	mg/kg	66	< 6 U					

			Site Name	128
			Location ID	H-SWBG-31
			Sample Date	11/2/1993
			Depth Interval	
			Sample ID	SWBG-31(19931102)
			Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 2.9 U
HMX	2691-41-0	ug/L	(1)	< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)	< 0.682 U
Nitrocellulose	9004-70-0	ug/L	(1)	1550
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U
PETN	78-11-5	ug/L	(1)	< 2 U
RDX	121-82-4	ug/L	(1)	< 0.416 U
Tetryl	479-45-8	ug/L	(1)	< 0.631 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.6 U
Metals				
Aluminum	7429-90-5	ug/L	(1)	< 112 U
Antimony	7440-36-0	ug/L	(1)	< 60 U
Arsenic	7440-38-2	ug/L	(1)	< 2.35 UJ
Barium	7440-39-3	ug/L	(1)	32.9
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U
Calcium	7440-70-2	ug/L	(1)	6030
Chromium	7440-47-3	ug/L	(1)	< 16.8 U
Cobalt	7440-48-4	ug/L	(1)	< 25 U
Copper	7440-50-8	ug/L	(1)	< 18.8 U
Iron	7439-89-6	ug/L	(1)	< 77.5 U
Lead	7439-92-1	ug/L	(1)	< 4.47 U
Magnesium	7439-95-4	ug/L	(1)	2040
Manganese	7439-96-5	ug/L	(1)	15.2
Mercury	7439-97-6	ug/L	(1)	< 0.1 U
Nickel	7440-02-0	ug/L	(1)	< 32.1 U
Potassium	7440-09-7	ug/L	(1)	< 1240 U
Selenium	7782-49-2	ug/L	(1)	< 2.53 UJ
Silver	7440-22-4	ug/L	(1)	0.44
Sodium	7440-23-5	ug/L	(1)	7690
Thallium	7440-28-0	ug/L	(1)	< 125 U
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U
Zinc	7440-66-6	ug/L	(1)	26.2
Other				
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U
PCBs				
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.385 U
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.385 UT
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.385 UT
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.385 UT
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.385 UT
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.176 UT
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.176 U
Pesticides				
4,4'-DDD	72-54-8	ug/L	(1)	< 0.81 U
4,4'-DDD	72-54-8	ug/L	(2)	< 18 U
4,4'-DDE	72-55-9	ug/L	(1)	< 0.39 U
4,4'-DDE	72-55-9	ug/L	(2)	< 14 U
4,4'-DDT	50-29-3	ug/L	(1)	< 0.25 U

			Site Name	128
			Location ID	H-SWBG-31
			Sample Date	11/2/1993
			Depth Interval	
			Sample ID	SWBG-31(19931102)
			Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
Pesticides (continued)				
4,4'-DDT	50-29-3	ug/L	(2)	< 18 U
Aldrin	309-00-2	ug/L	(1)	< 13 U
Aldrin	309-00-2	ug/L	(2)	< 0.74 U
alpha-BHC	319-84-6	ug/L	(1)	0.02 N
alpha-BHC	319-84-6	ug/L	(2)	< 5.3 U
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 17 U
beta-BHC	319-85-7	ug/L	(2)	< 0.99 U
Bromacil	314-40-9	ug/L	(1)	< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 37 U
Chlordane	57-74-9	ug/L	(2)	< 0.0312 U
delta-BHC	319-86-8	ug/L	(1)	0.36
Dieldrin	60-57-1	ug/L	(1)	< 0.74 U
Dieldrin	60-57-1	ug/L	(2)	< 26 U
Endosulfan I	959-98-8	ug/L	(1)	< 23 U
Endosulfan I	959-98-8	ug/L	(2)	< 0.25 U
Endosulfan II	33213-65-9	ug/L	(1)	< 0.77 U
Endosulfan II	33213-65-9	ug/L	(2)	< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	0.01 N
Endosulfan sulfate	1031-07-8	ug/L	(2)	< 50 U
Endrin	72-20-8	ug/L	(1)	< 0.0176 U
Endrin	72-20-8	ug/L	(2)	< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 5 U
Endrin aldehyde	7421-93-4	ug/L	(2)	< 0.0504 U
Endrin ketone	53494-70-5	ug/L	(1)	< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)	0.39 N
Heptachlor	76-44-8	ug/L	(1)	< 0.25 U
Heptachlor	76-44-8	ug/L	(2)	< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 28 U
Heptachlor epoxide	1024-57-3	ug/L	(2)	< 0.63 U
Isodrin	465-73-6	ug/L	(1)	< 7.8 U
Isodrin	465-73-6	ug/L	(2)	< 0.25 U
Malathion	121-75-5	ug/L	(1)	< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 11 U
Methoxychlor	72-43-5	ug/L	(2)	< 0.075 U
Mirex	2385-85-5	ug/L	(1)	< 24 U
Parathion	56-38-2	ug/L	(1)	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U
Supona	470-90-6	ug/L	(1)	< 19 U
Toxaphene	8001-35-2	ug/L	(1)	< 1.64 U
Vapona	62-73-7	ug/L	(1)	< 8.5 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)	< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U

			Site Name	128
			Location ID	H-SWBG-31
			Sample Date	11/2/1993
			Depth Interval	
			Sample ID	SWBG-31(19931102)
			Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
SVOC (continued)				
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U
Anthracene	120-12-7	ug/L	(1)	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U
Chrysene	218-01-9	ug/L	(1)	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U
Fluoranthene	206-44-0	ug/L	(1)	< 24 U
Fluorene	86-73-7	ug/L	(1)	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U
Isophorone	78-59-1	ug/L	(1)	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U
Phenol	108-95-2	ug/L	(1)	< 2.2 U
Pyrene	129-00-0	ug/L	(1)	< 17 U
TPH				
Total Petroleum Hydrocarbons	TPH	ug/L	(1)	< 100 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U

			Site Name	128
			Location ID	H-SWBG-31
			Sample Date	11/2/1993
			Depth Interval	
			Sample ID	SWBG-31(19931102)
			Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**	
VOC (continued)				
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U
Acetone	67-64-1	ug/L	(1)	< 8 U
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U
Benzene	71-43-2	ug/L	(1)	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U
Chloroform	67-66-3	ug/L	(1)	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U
WetChem				
Cyanide	57-12-5	ug/L	(1)	< 5 UJ
Hardness	HARDNESS	ug/L	(1)	22800

		Site Name	129
		Location ID	H-129-MW-001
		Sample Date	10/9/1996
		Depth Interval	12.94 - 22.94
		Sample ID	129MW-1(19961009)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U
PETN	78-11-5	ug/L	< 20 U
RDX	121-82-4	ug/L	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U
Metals			
Aluminum	7429-90-5	ug/L	116
Antimony	7440-36-0	ug/L	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U
Barium	7440-39-3	ug/L	7.58
Beryllium	7440-41-7	ug/L	< 5 U
Boron	7440-42-8	ug/L	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U
Calcium	7440-70-2	ug/L	23800
Chromium	7440-47-3	ug/L	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U
Copper	7440-50-8	ug/L	< 5 U
Iron	7439-89-6	ug/L	59.8
Lead	7439-92-1	ug/L	< 1 U
Magnesium	7439-95-4	ug/L	12300
Manganese	7439-96-5	ug/L	5.44
Mercury	7439-97-6	ug/L	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U
Potassium	7440-09-7	ug/L	< 1000 U
Selenium	7782-49-2	ug/L	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U
Sodium	7440-23-5	ug/L	2990
Strontium	7440-24-6	ug/L	66.5
Thallium	7440-28-0	ug/L	< 1 U
Titanium	7440-32-6	ug/L	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 UJ
Pesticides			
Mirex	2385-85-5	ug/L	< 0.025 U
SVOC			
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U

		Site Name	129
		Location ID	H-129-MW-001
		Sample Date	10/9/1996
		Depth Interval	12.94 - 22.94
		Sample ID	129MW-1(19961009)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U
WetChem			
Ammonia	7664-41-7	ug/L	< 60 U
Chloride	16887-00-6	ug/L	4060
Cyanide	57-12-5	ug/L	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	57.2
Phosphate	14265-44-2	ug/L	17.8
Sulfate	14808-79-8	ug/L	< 10000 U
Sulfide	18496-25-8	ug/L	< 50 U

Historic Analytical Results for Soil Samples at PICA 091/Site 129

		Site Name	129	129	129	129	129
		Location ID	H-129-MW-001	H-129-MW-001	H-129-SS-001A	H-129-SS-002A	H-129-SS-002A
		Sample Date	1/2/1996	1/2/1996	12/6/1995	12/12/1995	12/12/1995
		Depth Interval	1 - 3	5 - 7	0 - 1	0 - 1	0 - 1
		Sample ID	129MW-1A(1-3)	129MW-1B(5-7)	129SS-1A(0-1)	129SS-2A(0-1)	129SS-2ADUP(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 UJ	< 10.4 UJ	< 10.4 U	< 10.4 UJ	< 10.4 UJ
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg			< 0.108 U	< 0.108 R	< 0.108 R
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	3.33	2.64	< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals							
Aluminum	7429-90-5	mg/kg	19000	4980	7210	5980	7280
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	0.4	0.27	< 0.1 U
Arsenic	7440-38-2	mg/kg	16.3	4.56	8.95	5.4	4.61
Barium	7440-39-3	mg/kg	93.9	24.3	77.4	37.4	41.8
Beryllium	7440-41-7	mg/kg	1.27	< 0.5 U	1.01	0.62	0.78
Boron	7440-42-8	mg/kg	11.6	< 5.91 U	10.4	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	3.18	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	17300	1600	5850	864	1460
Chromium	7440-47-3	mg/kg	13.2	10.8	30.6	11.3	12.8
Cobalt	7440-48-4	mg/kg	9.54	7.62	11	7.11	7.35
Copper	7440-50-8	mg/kg	15.6	13.6	73.5	27	30.1
Iron	7439-89-6	mg/kg	17400	13200	29600	20700	24600
Lead	7439-92-1	mg/kg	28 J	9.98 J	199	44.5	43.3
Magnesium	7439-95-4	mg/kg	5400	1740	8330	1450	2120
Manganese	7439-96-5	mg/kg	874	379	375	330	395
Mercury	7439-97-6	mg/kg	0.5	0.19	0.11	3.1	3.4
Nickel	7440-02-0	mg/kg	12.7	10.7	40.4	8.72	11.2
Potassium	7440-09-7	mg/kg	819	283	831	421	445
Selenium	7782-49-2	mg/kg	1.9 J	< 0.25 UJ	< 0.25 U	< 0.25 U	< 0.25 U
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 UJ	< 0.589 UJ
Sodium	7440-23-5	mg/kg	1050	387	344	238	< 100 U
Strontium	7440-24-6	mg/kg	85 J	7.57 J	22.5 J	15.6	14.7
Thallium	7440-28-0	mg/kg	0.18	< 0.1 U	0.13	< 0.1 U	< 0.1 U
Titanium	7440-32-6	mg/kg	649	181	703	283	311
Vanadium	7440-62-2	mg/kg	24.9	13.2	44.7	27.5	29.2
Zinc	7440-66-6	mg/kg	37.7	20.8	638	74.7	73
Zirconium	7440-67-7	mg/kg	16.2	7.06	4.76	4.56	5.72
WetChem							
Ammonia	7664-41-7	mg/kg	63.2	19.6	90.9	53	50
Chloride	16887-00-6	mg/kg	13	12.5	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	1.31	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	16.5	6.66	< 3.62 U	5.77	5.26
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	5.32	2.73	2.71	< 0.6 U	< 0.6 U
Phosphate	14265-44-2	mg/kg	230	220	800	210	230
Sulfate	14808-79-8	mg/kg	247	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	28.8	< 6 U	< 6 U

Historic Analytical Results for Groundwater Samples at PICA 091/Site 130

		Site Name	130	130	130	130
		Location ID	H-130-MW-001	H-130-MW-001	H-130-MW-002	H-130-MW-003
		Sample Date	10/10/1996	12/20/2000	10/10/1996	10/17/1996
		Depth Interval	18 - 28	18 - 28	24.71 - 34.71	26.02 - 36.02
		Sample ID	130MW-1(19961010)	130MW-1(20001220)	130MW-2(19961010)	130MW-3(19961017)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U		< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U		< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U		< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U		< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U		< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U		< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U		< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U		< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U		< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U		< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U		< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U		< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U		< 1.56 U	< 1.56 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U		< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U		< 0.0738 U	< 0.0738 U
Metals						
Aluminum	7429-90-5	ug/L	< 23.5 U		< 23.5 U	168
Antimony	7440-36-0	ug/L	< 1 U		< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U		< 1 U	< 1 U
Barium	7440-39-3	ug/L	8.06		5.98	6.27
Beryllium	7440-41-7	ug/L	< 5 U		< 5 U	< 5 U
Boron	7440-42-8	ug/L	< 50 U		< 50 U	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U		< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	12400		2280	3450
Chromium	7440-47-3	ug/L	< 6.96 U		< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U		< 50 U	< 50 U
Copper	7440-50-8	ug/L	< 5 U		< 5 U	< 5 U
Iron	7439-89-6	ug/L	47.9		< 36.8 U	319
Lead	7439-92-1	ug/L	3.15		2.49	8.17
Magnesium	7439-95-4	ug/L	4820		1730	1590
Manganese	7439-96-5	ug/L	24.6		7.55	92
Mercury	7439-97-6	ug/L	< 0.243 U		< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U		< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	1520		< 1000 U	< 1000 U
Selenium	7782-49-2	ug/L	< 2 U		< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U		< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	18300		6840	2530
Strontium	7440-24-6	ug/L	35.4		10.1	13.2
Thallium	7440-28-0	ug/L	< 1 U		< 1 U	< 1 U
Titanium	7440-32-6	ug/L	< 2 U		< 2 U	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U		< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U		< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U		< 1 U	< 1 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 1 U	< 0.51 U	< 0.51 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	1	5.6	14
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1 U	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 1 U	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 10 U	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 10 U	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 5 U	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 10 (U)	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U	< 20 U	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 1 U	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 1 U	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 2 U	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	1.1	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 1 U	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 2 U	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 2 U	< 3.2 U	< 3.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L		< 0.5 U		
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 1 U	< 0.58 U	< 0.58 U

		Site Name	130	130	130	130
		Location ID	H-130-MW-001	H-130-MW-001	H-130-MW-002	H-130-MW-003
		Sample Date	10/10/1996	12/20/2000	10/10/1996	10/17/1996
		Depth Interval	18 - 28	18 - 28	24.71 - 34.71	26.02 - 36.02
		Sample ID	130MW-1(19961010)	130MW-1(20001220)	130MW-2(19961010)	130MW-3(19961017)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 1 U	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 2 U	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U		< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U		< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	2.8	< 1 U	< 2.3 U	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U	< 1 U	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U		< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	1.6	0.6 J	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	0.96	< 1 U	< 0.5 U	< 0.5 U
trans-1,2-Dichloroethene	156-60-5	ug/L		< 0.5 U		
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 1 U	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	0.77	0.35 J	< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 2 U	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U		< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2 U	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 1 U	< 0.84 U	< 0.84 U
WetChem						
Ammonia	7664-41-7	ug/L	< 60 U		< 60 U	< 60 U
Chloride	16887-00-6	ug/L	25200		18700	12100
Cyanide	57-12-5	ug/L	< 2.5 U		< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U		< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	150		260	190
Phosphate	14265-44-2	ug/L	27.3		13.8	16.4
Sulfate	14808-79-8	ug/L	18000		< 10000 U	< 10000 U
Sulfide	18496-25-8	ug/L	< 50 U		< 50 U	< 50 U

Historic Analytical Results for Soil Samples at PICA 091/Site 130

		Site Name	130	130	130	130	130	130	130
		Location ID	H-130-MW-001	H-130-MW-001	H-130-MW-002	H-130-MW-002	H-130-MW-003	H-130-MW-003	H-130-SS-001A
		Sample Date	5/2/1996	5/2/1996	5/2/1996	5/2/1996	5/6/1996	5/6/1996	3/25/1996
		Depth Interval	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2	5 - 7	0 - 1
		Sample ID	130MW-1A(0-2)	130MW-1B(5-7)	130MW-2A(0-2)	130MW-2B(5-7)	130MW-3A(0-2)	130MW-3B(5-7)	130SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 UJ	< 0.108 UJ	< 0.108 UJ	< 0.108 UJ	
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	
Tetrazene	14097-21-3	mg/kg	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 UJ	< 0.424 UJ	< 0.424 UJ	< 0.424 UJ	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	
Metals									
Aluminum	7429-90-5	mg/kg	7930	4600	7690	12000	5110	6940	
Antimony	7440-36-0	mg/kg	0.29	< 0.1 U	0.64	< 0.1 U	0.43	< 0.1 U	
Arsenic	7440-38-2	mg/kg	3.91	1.47	7.63	2.98	30	2.19	
Barium	7440-39-3	mg/kg	112	51.1	44.6	140	33.5	72.3	
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	2.16	< 0.5 U	0.77	
Boron	7440-42-8	mg/kg	7.76	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	1.67	< 0.7 U	< 0.7 U	
Calcium	7440-70-2	mg/kg	3100	672	1460	2910	1740	1360	
Chromium	7440-47-3	mg/kg	76.3	11.1	12.6	17.1	16.5	16.7	
Cobalt	7440-48-4	mg/kg	4.31	2.46	7.55	4.05	6.79	4.9	
Copper	7440-50-8	mg/kg	38	16.5	23.2	36.5	19.6	24.9	
Iron	7439-89-6	mg/kg	19100	3580	17900	5770	17700	7490	
Lead	7439-92-1	mg/kg	104	26	418	87.9	39.3	26.5	
Magnesium	7439-95-4	mg/kg	1730	1010	1570	1280	1520	2060	
Manganese	7439-96-5	mg/kg	621	62.2	314	41.6	134	72.1	
Mercury	7439-97-6	mg/kg	1.1	0.07	0.4	< 0.05 U	0.49	< 0.05 U	
Nickel	7440-02-0	mg/kg	9.39	5.67	11.5	10.7	14.6	13.8	
Potassium	7440-09-7	mg/kg	621	432	376	786	572	609	
Selenium	7782-49-2	mg/kg	0.86	0.76	0.93	3.22	2.81	1.79	
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	369	334	343	547	369	466	
Strontium	7440-24-6	mg/kg	21.1	18.8	15.5	31.3	21	20.1	
Thallium	7440-28-0	mg/kg	0.17	0.2	0.18	0.64	0.32	0.23	
Titanium	7440-32-6	mg/kg	264	146	285	113	230	212	
Vanadium	7440-62-2	mg/kg	24.6	18.9	21.2	13	19	17.2	
Zinc	7440-66-6	mg/kg	91.1	28.5	120	36.4	48.7	83	
Zirconium	7440-67-7	mg/kg	3.79	8.15	5.61	4.66	4.46	10.4	
PCBs									
Aroclor 1016	12674-11-2	mg/kg							< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg							< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg							< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg							< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg							< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg							< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg							< 0.0804 U

		Site Name	130	130	130	130	130	130	130
		Location ID	H-130-MW-001	H-130-MW-001	H-130-MW-002	H-130-MW-002	H-130-MW-003	H-130-MW-003	H-130-SS-001A
		Sample Date	5/2/1996	5/2/1996	5/2/1996	5/2/1996	5/6/1996	5/6/1996	3/25/1996
		Depth Interval	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2	5 - 7	0 - 1
		Sample ID	130MW-1A(0-2)	130MW-1B(5-7)	130MW-2A(0-2)	130MW-2B(5-7)	130MW-3A(0-2)	130MW-3B(5-7)	130SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	
Acetone	67-64-1	mg/kg	0.04	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.84	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
WetChem									
Ammonia	7664-41-7	mg/kg	111	26.4	91.5	353	61.9	157	
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	
Fluoride	16984-48-8	mg/kg	7.27	11.3	6.03	23	6.53	10.5	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	2.8	0.63	2.15	0.86	0.75	< 0.6 U	
Phosphate	14265-44-2	mg/kg	450	< 7.49 U	290	< 7.49 U	700	< 7.49 U	
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	119	< 90.4 U	
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	< 6 U	< 6 U	9.45	13.2	

		Site Name	137	137
		Location ID	I-137-MW-001	I-137-MW-002
		Sample Date	10/28/1996	10/28/1996
		Depth Interval	32.58 - 42.58	26.65 - 36.65
		Sample ID	137MW-1(19961028)	137MW-2(19961028)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U
Metals				
Aluminum	7429-90-5	ug/L	5430	24.5
Antimony	7440-36-0	ug/L	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	1.16	< 1 U
Barium	7440-39-3	ug/L	93.9	12.1
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U
Boron	7440-42-8	ug/L	61.4	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	30900	18800
Chromium	7440-47-3	ug/L	35.3	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U
Copper	7440-50-8	ug/L	24.5	< 5 U
Iron	7439-89-6	ug/L	15700	51.4
Lead	7439-92-1	ug/L	5.99	< 1 U
Magnesium	7439-95-4	ug/L	9490	8020
Manganese	7439-96-5	ug/L	3010	4.67
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	35	< 7.11 U
Potassium	7440-09-7	ug/L	6800	2230
Selenium	7782-49-2	ug/L	< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	45600	32300
Strontium	7440-24-6	ug/L	166	89.8
Thallium	7440-28-0	ug/L	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	21.9	< 2 U
Vanadium	7440-62-2	ug/L	16	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U
Pesticides				
Mirex	2385-85-5	ug/L	< 0.025 U	< 0.025 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U	< 4.9 U

		Site Name	137	137
		Location ID	I-137-MW-001	I-137-MW-002
		Sample Date	10/28/1996	10/28/1996
		Depth Interval	32.58 - 42.58	26.65 - 36.65
		Sample ID	137MW-1(19961028)	137MW-2(19961028)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 UJ	< 0.042 UJ
Phenanthrene	85-01-8	ug/L	< 0.5 U	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U	< 2.8 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U

		Site Name	137	137
		Location ID	I-137-MW-001	I-137-MW-002
		Sample Date	10/28/1996	10/28/1996
		Depth Interval	32.58 - 42.58	26.65 - 36.65
		Sample ID	137MW-1(19961028)	137MW-2(19961028)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	1.7
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	3	3
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	0.9	1.9
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U
WetChem				
Ammonia	7664-41-7	ug/L	86.8	< 60 U
Chloride	16887-00-6	ug/L	92000	79000
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	15.4	430
Phosphate	14265-44-2	ug/L	109	18.1
Sulfate	14808-79-8	ug/L	29000	20000
Sulfide	18496-25-8	ug/L	< 50 U	< 50 U

Chemical Name	CAS No	Unit	Site Name: 137	137	137	137	137	137	137	137
			Location ID: I-137-01	I-137-02	I-137-MW-001	I-137-MW-001	I-137-MW-002	I-137-MW-002	I-137-MW-002	I-137-SB-001
			Sample Date: 4/14/1998	4/14/1998	6/6/1996	6/6/1996	7/24/1996	7/24/1996	7/24/1996	5/21/1996
			Depth Interval: 3 - 4	10 - 11	0 - 2	5 - 7	0 - 2	0 - 2	5 - 7	0 - 2
			Sample ID: 137-1(3-4)	137-2(10-11)	137MW-1A(0-2)	137MW-1B(5-7)	137MW-2A(0-2)	137MW-2ADUP(0-2)	137MW-2B(5-7)	137SB-1A(0-2)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.251 U	< 0.245 U	< 0.488 U	< 0.488 U	< 0.488 R	< 0.488 R	< 0.488 R	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.251 U	< 0.245 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.251 U	< 0.245 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
2-Nitrotoluene	88-72-2	mg/kg	< 1.253 U	< 1.226 U						
3-Nitrotoluene	99-08-1	mg/kg	< 1.253 U	< 1.226 U						
4-Nitrotoluene	99-99-0	mg/kg	< 3.76 U	< 3.677 U						
Amino DNT's	TADNT	mg/kg	< 0.627 U	< 0.613 U						
HMX	2691-41-0	mg/kg	< 1.381 U	< 1.351 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 0.251 U	< 0.245 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg			< 10.4 U	< 10.4 U	42.4	82.8	< 10.4 U	123
Nitroglycerin	55-63-0	mg/kg			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg			< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 UJ
PETN	78-11-5	mg/kg			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg			< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.627 U	< 0.613 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg			< 1.19 R	< 1.19 R	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.501 U	1.34	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.251 U	< 0.245 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.251 U	< 0.245 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals										
Aluminum	7429-90-5	mg/kg			4860	13900	5250	4460	3910	4350
Antimony	7440-36-0	mg/kg			0.52	< 0.1 U	1.32	1.12	< 0.1 U	0.73
Arsenic	7440-38-2	mg/kg			41	5.16	110	50	2.74	26.6
Barium	7440-39-3	mg/kg			38.8	33.6	203	265	35.5	177
Beryllium	7440-41-7	mg/kg			0.67	< 0.5 U	1.29	1.11	< 0.5 U	0.77
Boron	7440-42-8	mg/kg			12.5	8.59	14.7	12.7	9.74	9.38
Cadmium	7440-43-9	mg/kg			< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg			9200	3030	9530	8120	1190	7030
Chromium	7440-47-3	mg/kg			17.5	15.8	12.3	11.8	< 4.05 U	8.76
Cobalt	7440-48-4	mg/kg			7.38	3.84	7.23	6.73	< 1.42 U	5.04
Copper	7440-50-8	mg/kg			28	11.7	287	288	12.7	202
Iron	7439-89-6	mg/kg			15400	16600	18000	13900	4150	8900
Lead	7439-92-1	mg/kg			22.1	19.6	117	127	11.3	88.9
Magnesium	7439-95-4	mg/kg			4890	1300	4320	3720	380	2980
Manganese	7439-96-5	mg/kg			418	117	199	267	38.1	174
Mercury	7439-97-6	mg/kg			0.16	< 0.05 U	10	9.8	0.38	7.3 J
Nickel	7440-02-0	mg/kg			11.4	8.51	20.8	20.2	3.27	14.8
Potassium	7440-09-7	mg/kg			726	359	311	393	383	296
Selenium	7782-49-2	mg/kg			1.61	1.42	3.81	3.03	0.74	2.32
Silver	7440-22-4	mg/kg			< 0.589 U	< 0.589 U	2.02	1.48	< 0.589 U	1.65
Sodium	7440-23-5	mg/kg			407	429	628	553	537	524
Strontium	7440-24-6	mg/kg			8.22	24.6	180	150	17.3	65
Thallium	7440-28-0	mg/kg			< 0.1 U	0.19	1.13	0.69	0.16	0.4
Titanium	7440-32-6	mg/kg			497	265	414	292	217	171
Vanadium	7440-62-2	mg/kg			14.7	23.2	33.8	38.9	7.77	31.3
Zinc	7440-66-6	mg/kg			60.1	31.7	173	158	19.5	150
Zirconium	7440-67-7	mg/kg			9.1	3.97	7.52	5.53	< 2.5 U	< 2.5 U

Chemical Name	CAS No	Unit	Site Name	137	137	137	137	137	137	137	137
			Location ID	I-137-01	I-137-02	I-137-MW-001	I-137-MW-001	I-137-MW-002	I-137-MW-002	I-137-MW-002	I-137-SB-001
			Sample Date	4/14/1998	4/14/1998	6/6/1996	6/6/1996	7/24/1996	7/24/1996	7/24/1996	5/21/1996
			Depth Interval	3 - 4	10 - 11	0 - 2	5 - 7	0 - 2	0 - 2	5 - 7	0 - 2
			Sample ID	137-1(3-4)	137-2(10-11)	137MW-1A(0-2)	137MW-1B(5-7)	137MW-2A(0-2)	137MW-2ADUP(0-2)	137MW-2B(5-7)	137SB-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
PCBs											
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg									
Aroclor 1232	11141-16-5	mg/kg									
Aroclor 1242	53469-21-9	mg/kg									
Aroclor 1248	12672-29-6	mg/kg									
Aroclor 1254	11097-69-1	mg/kg									
Aroclor 1260	11096-82-5	mg/kg									
Pesticides											
Mirex	2385-85-5	mg/kg				< 0.25 U	< 0.25 U	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 U
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.648 U	< 0.497 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				< 0.04 U	< 0.04 U	< 0.04 UJ	< 0.04 UJ	< 0.04 UJ	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg				< 0.11 U	< 0.11 U	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg				< 0.13 U	< 0.13 U	< 0.13 UJ	< 0.13 UJ	< 0.13 UJ	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg				< 0.098 U	< 0.098 U	< 0.098 UJ	< 0.098 UJ	< 0.098 UJ	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg				< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 UJ	< 0.1 UJ	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg				< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg				< 0.18 U	< 0.18 U	< 0.18 UJ	< 0.18 UJ	< 0.18 UJ	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg				< 0.69 U	< 0.69 U	< 0.69 UJ	< 0.69 UJ	< 0.69 UJ	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg				< 1.2 U	< 1.2 U	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg				< 0.036 U	< 0.036 U	< 0.036 UJ	< 0.036 UJ	< 0.036 UJ	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg				< 0.06 U	< 0.06 U	< 0.06 UJ	< 0.06 UJ	< 0.06 UJ	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg				< 0.049 U	< 0.049 U	< 0.049 UJ	0.2 J	< 0.049 UJ	0.5
2-Methylphenol	95-48-7	mg/kg				< 0.029 U	< 0.029 U	< 0.029 UJ	< 0.029 UJ	< 0.029 UJ	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg				< 0.062 U	< 0.062 U	< 0.062 UJ	< 0.062 UJ	< 0.062 UJ	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg				< 0.14 U	< 0.14 U	< 0.14 UJ	< 0.14 UJ	< 0.14 UJ	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg				< 6.3 U	< 6.3 U	< 6.3 UJ	< 6.3 UJ	< 6.3 UJ	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg				< 0.45 U	< 0.45 U	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg				< 0.55 U	< 0.55 U	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg				< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg				< 0.095 U	< 0.095 U	< 0.095 UJ	< 0.095 UJ	< 0.095 UJ	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg				< 0.81 U	< 0.81 U	< 0.81 UJ	< 0.81 UJ	< 0.81 UJ	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U
4-Methylphenol	106-44-5	mg/kg				< 0.24 U#	< 0.24 U#	< 0.24 UJ#	< 0.24 UJ#	< 0.24 UJ#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg				< 0.41 U	< 0.41 U	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg				< 1.4 U	< 1.4 U	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	< 1.4 U
Acenaphthene	83-32-9	mg/kg				< 0.036 U	< 0.036 U	0.3 J	< 0.036 UJ	< 0.036 UJ	0.1
Acenaphthylene	208-96-8	mg/kg				< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U
Aniline	62-53-3	mg/kg				< 0.65 U	< 0.65 U	< 0.65 UJ	< 0.65 UJ	< 0.65 UJ	< 0.65 U
Anthracene	120-12-7	mg/kg				< 0.033 U	< 0.033 U	0.6 J	0.2 J	< 0.033 UJ	0.3
Benz(a)anthracene	56-55-3	mg/kg				< 0.17 U	< 0.17 U	1 J	0.7 J	< 0.17 UJ	1
Benzo(a)pyrene	50-32-8	mg/kg				< 0.25 U	< 0.25 U	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	1
Benzo(b)fluoranthene	205-99-2	mg/kg				< 0.21 U	< 0.21 U	< 0.21 UJ	0.9 J	< 0.21 UJ	2
Benzo(g,h,i)perylene	191-24-2	mg/kg				< 0.25 U	< 0.25 U	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg				< 0.066 U	0.13	0.9 J	0.6 J	< 0.066 UJ	0.5
Benzyl alcohol	100-51-6	mg/kg				< 0.19 U	< 0.19 U	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				< 0.059 U	< 0.059 U	< 0.059 UJ	< 0.059 UJ	< 0.059 UJ	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg				< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg				< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg				< 0.62 U	< 0.62 U	< 0.62 UJ	< 0.62 UJ	< 0.62 UJ	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg				< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U
Carbazole	86-74-8	mg/kg				< 0.14 U	< 0.14 U	< 0.14 UJ	< 0.14 UJ	< 0.14 UJ	< 0.14 U

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137
		Location ID	I-137-01	I-137-02	I-137-MW-001	I-137-MW-001	I-137-MW-002	I-137-MW-002	I-137-MW-002	I-137-SB-001
		Sample Date	4/14/1998	4/14/1998	6/6/1996	6/6/1996	7/24/1996	7/24/1996	7/24/1996	5/21/1996
		Depth Interval	3 - 4	10 - 11	0 - 2	5 - 7	0 - 2	0 - 2	5 - 7	0 - 2
		Sample ID	137-1(3-4)	137-2(10-11)	137MW-1A(0-2)	137MW-1B(5-7)	137MW-2A(0-2)	137MW-2ADUP(0-2)	137MW-2B(5-7)	137SB-1A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
SVOC (continued)										
Chrysene	218-01-9	mg/kg			< 0.12 U	0.25	2 J	1 J	< 0.12 UJ	1
Dibenz(a,h)anthracene	53-70-3	mg/kg			< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 U
Dibenzofuran	132-64-9	mg/kg			< 0.035 U	< 0.035 U	< 0.035 UJ	< 0.035 UJ	< 0.035 UJ	0.2
Diethylphthalate	84-66-2	mg/kg			< 0.24 U	< 0.24 U	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg			< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg			< 0.061 U	< 0.061 U	< 0.061 UJ	0.2 J	< 0.061 UJ	0.5
di-n-Octylphthalate	117-84-0	mg/kg			< 0.19 U	< 0.19 U	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 U
Diphenylamine	122-39-4	mg/kg			< 0.13 U	< 0.13 U	< 0.13 UJ	< 0.13 UJ	< 0.13 UJ	< 0.13 U
Fluoranthene	206-44-0	mg/kg			< 0.068 U	0.42	3 J	2 J	< 0.068 UJ	2
Fluorene	86-73-7	mg/kg			< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	0.2
Hexachlorobenzene	118-74-1	mg/kg			< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg			< 0.23 U	< 0.23 U	< 0.23 UJ	< 0.23 UJ	< 0.23 UJ	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg			< 6.2 U	< 6.2 U	< 6.2 UJ	< 6.2 UJ	< 6.2 UJ	< 6.2 U
Hexachloroethane	67-72-1	mg/kg			< 0.15 U	< 0.15 U	< 0.15 UJ	< 0.15 UJ	< 0.15 UJ	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			< 0.29 U	< 0.29 U	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 U
Isophorone	78-59-1	mg/kg			< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U
Naphthalene	91-20-3	mg/kg			< 0.037 U	< 0.037 U	0.3 J	0.2 J	< 0.037 UJ	0.3
n-Nitroso-di-n-propylamine	621-64-7	mg/kg			< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg			< 0.19 U	< 0.19 U	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg			< 1.3 U	< 1.3 U	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.3 U
Phenanthrene	85-01-8	mg/kg			< 0.033 U	0.2	2 J	1 J	< 0.033 UJ	1
Phenol	108-95-2	mg/kg			< 0.11 U	< 0.11 U	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 U
Pyrene	129-00-0	mg/kg			< 0.033 U	0.43	3 J	1 J	0.06 J	2
TPH										
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	< 0.648 U	< 0.497 U						
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.648 U	< 0.497 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.648 U	< 0.497 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.648 U	< 0.497 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.648 U	< 0.497 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.648 U	< 0.497 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.648 U	< 0.497 U	0.48	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg			< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.648 U	< 0.497 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	0.4 JB	0.32 JB	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 6.478 U	< 4.969 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 6.478 U	< 4.969 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 6.478 U	< 4.969 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	0.04
Acetonitrile	75-05-8	mg/kg			< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.648 U	< 0.497 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.648 U	< 0.497 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.648 U	< 0.497 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.648 U	< 0.497 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.648 U	< 0.497 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.648 U	< 0.497 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.648 U	< 0.497 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.648 U	< 0.497 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.648 U	< 0.497 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.648 U	< 0.497 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.648 U	< 0.497 U						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.648 U	< 0.497 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.648 U	< 0.497 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U

		Site Name	137	137	137	137	137	137	137	137
		Location ID	I-137-01	I-137-02	I-137-MW-001	I-137-MW-001	I-137-MW-002	I-137-MW-002	I-137-MW-002	I-137-SB-001
		Sample Date	4/14/1998	4/14/1998	6/6/1996	6/6/1996	7/24/1996	7/24/1996	7/24/1996	5/21/1996
		Depth Interval	3 - 4	10 - 11	0 - 2	5 - 7	0 - 2	0 - 2	5 - 7	0 - 2
		Sample ID	137-1(3-4)	137-2(10-11)	137MW-1A(0-2)	137MW-1B(5-7)	137MW-2A(0-2)	137MW-2ADUP(0-2)	137MW-2B(5-7)	137SB-1A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
VOC (continued)										
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.648 U	< 0.497 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg			< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.648 U	< 0.497 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg			< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.648 U	< 0.497 U	< 0.012 U	< 0.012 U	< 0.012 U	0.01	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.648 U	< 0.497 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.648 U	< 0.497 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.648 U	< 0.497 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.648 U	< 0.497 U						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.648 U	< 0.497 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.648 U	< 0.497 U	< 0.28 U	0.37	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.648 U	< 0.497 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg			< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.648 U	< 0.497 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.648 U	< 0.497 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem										
% Solids	%Solid	%								
Ammonia	7664-41-7	mg/kg			46.5	72.3	128	218	190	385
Chloride	16887-00-6	mg/kg			< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	19.9	< 6.05 U
Cyanide	57-12-5	mg/kg			< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg			< 3.62 U	10.3	< 3.62 U	< 3.62 U	< 3.62 U	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg			2.8	1.17	4.64	3.54	3.07	4.74
Phosphate	14265-44-2	mg/kg			470	320	7500	4300	230	6400
Sulfate	14808-79-8	mg/kg			< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg			15.6	32.2	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-003	I-137-SB-003	I-137-SB-003	I-137-SB-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001
		Depth Interval	0 - 1	2.5 - 3	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1
		Sample ID	137SB-2A(0-1)	137SB-2B(2.5-3)	137SB-2BDUP(2.5-3)	137SB-2C(4.5-5)	137SB-3A(0-1)	137SB-3B(2.5-3)	137SB-3C(4.5-5)	137SB-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg								
1,3-Dinitrobenzene	99-65-0	mg/kg								
2,4,6-Trinitrotoluene	118-96-7	mg/kg								
2-Nitrotoluene	88-72-2	mg/kg								
3-Nitrotoluene	99-08-1	mg/kg								
4-Nitrotoluene	99-99-0	mg/kg								
Amino DNT's	TADNT	mg/kg								
HMX	2691-41-0	mg/kg								
Nitrobenzene	98-95-3	mg/kg								
Nitrocellulose	9004-70-0	mg/kg								
Nitroglycerin	55-63-0	mg/kg								
Nitroguanidine	556-88-7	mg/kg								
PETN	78-11-5	mg/kg								
Picric Acid	88-89-1	mg/kg								
RDX	121-82-4	mg/kg								
Tetrazene	14097-21-3	mg/kg								
Tetryl	479-45-8	mg/kg								
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg								
2,6-Dinitrotoluene	606-20-2	mg/kg								
Metals										
Aluminum	7429-90-5	mg/kg								
Antimony	7440-36-0	mg/kg								
Arsenic	7440-38-2	mg/kg	3.7	3.2	3.7	5.1	37.9	48.2	3.5	23.3
Barium	7440-39-3	mg/kg								
Beryllium	7440-41-7	mg/kg								
Boron	7440-42-8	mg/kg								
Cadmium	7440-43-9	mg/kg								
Calcium	7440-70-2	mg/kg								
Chromium	7440-47-3	mg/kg								
Cobalt	7440-48-4	mg/kg								
Copper	7440-50-8	mg/kg								
Iron	7439-89-6	mg/kg								
Lead	7439-92-1	mg/kg								
Magnesium	7439-95-4	mg/kg								
Manganese	7439-96-5	mg/kg								
Mercury	7439-97-6	mg/kg								
Nickel	7440-02-0	mg/kg								
Potassium	7440-09-7	mg/kg								
Selenium	7782-49-2	mg/kg								
Silver	7440-22-4	mg/kg								
Sodium	7440-23-5	mg/kg								
Strontium	7440-24-6	mg/kg								
Thallium	7440-28-0	mg/kg								
Titanium	7440-32-6	mg/kg								
Vanadium	7440-62-2	mg/kg								
Zinc	7440-66-6	mg/kg								
Zirconium	7440-67-7	mg/kg								

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-003	I-137-SB-003	I-137-SB-003	I-137-SB-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001
		Depth Interval	0 - 1	2.5 - 3	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1
		Sample ID	137SB-2A(0-1)	137SB-2B(2.5-3)	137SB-2BDUP(2.5-3)	137SB-2C(4.5-5)	137SB-3A(0-1)	137SB-3B(2.5-3)	137SB-3C(4.5-5)	137SB-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
PCBs										
Aroclor 1016	12674-11-2	mg/kg								
Aroclor 1221	11104-28-2	mg/kg								
Aroclor 1232	11141-16-5	mg/kg								
Aroclor 1242	53469-21-9	mg/kg								
Aroclor 1248	12672-29-6	mg/kg								
Aroclor 1254	11097-69-1	mg/kg								
Aroclor 1260	11096-82-5	mg/kg								
Pesticides										
Mirex	2385-85-5	mg/kg								
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg								
1,2,4-Trichlorobenzene	120-82-1	mg/kg								
1,2-Dichlorobenzene	95-50-1	mg/kg								
1,3-Dichlorobenzene	541-73-1	mg/kg								
1,4-Dichlorobenzene	106-46-7	mg/kg								
2,4,5-Trichlorophenol	95-95-4	mg/kg								
2,4,6-Trichlorophenol	88-06-2	mg/kg								
2,4-Dichlorophenol	120-83-2	mg/kg								
2,4-Dimethylphenol	105-67-9	mg/kg								
2,4-Dinitrophenol	51-28-5	mg/kg								
2-Chloronaphthalene	91-58-7	mg/kg								
2-Chlorophenol	95-57-8	mg/kg								
2-Methylnaphthalene	91-57-6	mg/kg								
2-Methylphenol	95-48-7	mg/kg								
2-Nitroaniline	88-74-4	mg/kg								
2-Nitrophenol	88-75-5	mg/kg								
3,3'-Dichlorobenzidine	91-94-1	mg/kg								
3-Nitroaniline	99-09-2	mg/kg								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg								
4-Bromophenyl phenyl ether	101-55-3	mg/kg								
4-Chloro-3-methylphenol	59-50-7	mg/kg								
4-Chloroaniline	106-47-8	mg/kg								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg								
4-Methylphenol	106-44-5	mg/kg								
4-Nitroaniline	100-01-6	mg/kg								
4-Nitrophenol	100-02-7	mg/kg								
Acenaphthene	83-32-9	mg/kg								
Acenaphthylene	208-96-8	mg/kg								
Aniline	62-53-3	mg/kg								
Anthracene	120-12-7	mg/kg								
Benz(a)anthracene	56-55-3	mg/kg								
Benzo(a)pyrene	50-32-8	mg/kg								
Benzo(b)fluoranthene	205-99-2	mg/kg								
Benzo(g,h,i)perylene	191-24-2	mg/kg								
Benzo(k)fluoranthene	207-08-9	mg/kg								
Benzyl alcohol	100-51-6	mg/kg								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg								
bis(2-Chloroethyl)ether	111-44-4	mg/kg								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg								
Butylbenzyl phthalate	85-68-7	mg/kg								
Carbazole	86-74-8	mg/kg								

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-003	I-137-SB-003	I-137-SB-003	I-137-SB-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001
		Depth Interval	0 - 1	2.5 - 3	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1
		Sample ID	137SB-2A(0-1)	137SB-2B(2.5-3)	137SB-2BDUP(2.5-3)	137SB-2C(4.5-5)	137SB-3A(0-1)	137SB-3B(2.5-3)	137SB-3C(4.5-5)	137SB-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
SVOC (continued)										
Chrysene	218-01-9	mg/kg								
Dibenz(a,h)anthracene	53-70-3	mg/kg								
Dibenzofuran	132-64-9	mg/kg								
Diethylphthalate	84-66-2	mg/kg								
Dimethylphthalate	131-11-3	mg/kg								
di-n-Butylphthalate	84-74-2	mg/kg								
di-n-Octylphthalate	117-84-0	mg/kg								
Diphenylamine	122-39-4	mg/kg								
Fluoranthene	206-44-0	mg/kg								
Fluorene	86-73-7	mg/kg								
Hexachlorobenzene	118-74-1	mg/kg								
Hexachlorobutadiene	87-68-3	mg/kg								
Hexachlorocyclopentadiene	77-47-4	mg/kg								
Hexachloroethane	67-72-1	mg/kg								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg								
Isophorone	78-59-1	mg/kg								
Naphthalene	91-20-3	mg/kg								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg								
n-Nitrosodiphenylamine	86-30-6	mg/kg								
Pentachlorophenol	87-86-5	mg/kg								
Phenanthrene	85-01-8	mg/kg								
Phenol	108-95-2	mg/kg								
Pyrene	129-00-0	mg/kg								
TPH										
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg								
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg								
1,1,2-Trichloroethane	79-00-5	mg/kg								
1,1-Dichloroethane	75-34-3	mg/kg								
1,1-Dichloroethene	75-35-4	mg/kg								
1,2-Dichloroethane	107-06-2	mg/kg								
1,2-Dichloroethene (total)	540-59-0	mg/kg								
1,2-Dichloropropane	78-87-5	mg/kg								
2-Butanone	78-93-3	mg/kg								
2-Hexanone	591-78-6	mg/kg								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg								
Acetone	67-64-1	mg/kg								
Acetonitrile	75-05-8	mg/kg								
Benzene	71-43-2	mg/kg								
Bromodichloromethane	75-27-4	mg/kg								
Bromoform	75-25-2	mg/kg								
Bromomethane	74-83-9	mg/kg								
Carbon disulfide	75-15-0	mg/kg								
Carbon tetrachloride	56-23-5	mg/kg								
Chlorobenzene	108-90-7	mg/kg								
Chloroethane	75-00-3	mg/kg								
Chloroform	67-66-3	mg/kg								
Chloromethane	74-87-3	mg/kg								
cis-1,2-Dichloroethene	156-59-2	mg/kg								
cis-1,3-Dichloropropene	10061-01-5	mg/kg								
Dibromochloromethane	124-48-1	mg/kg								

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-002	I-137-SB-003	I-137-SB-003	I-137-SB-003	I-137-SB-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001
		Depth Interval	0 - 1	2.5 - 3	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1
		Sample ID	137SB-2A(0-1)	137SB-2B(2.5-3)	137SB-2BDUP(2.5-3)	137SB-2C(4.5-5)	137SB-3A(0-1)	137SB-3B(2.5-3)	137SB-3C(4.5-5)	137SB-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
		Unit								
VOC (continued)										
Dichlorodifluoromethane	75-71-8	mg/kg								
Ethanol	64-17-5	mg/kg								
Ethyl benzene	100-41-4	mg/kg								
Isopropanol	67-63-0	mg/kg								
Methylene chloride	75-09-2	mg/kg								
Styrene	100-42-5	mg/kg								
tert-Butylalcohol	75-65-0	mg/kg								
Tetrachloroethene	127-18-4	mg/kg								
Toluene	108-88-3	mg/kg								
trans-1,2-Dichloroethene	156-60-5	mg/kg								
trans-1,3-Dichloropropene	10061-02-6	mg/kg								
Trichloroethene	79-01-6	mg/kg								
Trichlorofluoromethane	75-69-4	mg/kg								
Vinyl acetate	108-05-4	mg/kg								
Vinyl chloride	75-01-4	mg/kg								
Xylenes	1330-20-7	mg/kg								
WetChem										
% Solids	%Solid	%	88.6	94	91	86.7	81.2	83	90.3	50.5
Ammonia	7664-41-7	mg/kg								
Chloride	16887-00-6	mg/kg								
Cyanide	57-12-5	mg/kg								
Fluoride	16984-48-8	mg/kg								
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg								
Phosphate	14265-44-2	mg/kg								
Sulfate	14808-79-8	mg/kg								
Sulfide	18496-25-8	mg/kg								

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-004	I-137-SB-004	I-137-SB-005	I-137-SB-005	I-137-SB-005	I-137-SS-001A	I-137-SS-002	I-137-SS-003	I-137-SS-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	3/28/1996	5/3/2001	5/3/2001	5/3/2001
		Depth Interval	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	137SB-4B(2.5-3)	137SB-4C(4.5-5)	137SB-5A(0-1)	137SB-5B(2.5-3)	137SB-5C(4.5-5)	137SS-1A(0-1)	137SS-2C(2-3)	137SS-3A(0-1)	137SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg									
1,3-Dinitrobenzene	99-65-0	mg/kg									
2,4,6-Trinitrotoluene	118-96-7	mg/kg									
2-Nitrotoluene	88-72-2	mg/kg									
3-Nitrotoluene	99-08-1	mg/kg									
4-Nitrotoluene	99-99-0	mg/kg									
Amino DNT's	TADNT	mg/kg									
HMX	2691-41-0	mg/kg									
Nitrobenzene	98-95-3	mg/kg									
Nitrocellulose	9004-70-0	mg/kg									
Nitroglycerin	55-63-0	mg/kg									
Nitroguanidine	556-88-7	mg/kg									
PETN	78-11-5	mg/kg									
Picric Acid	88-89-1	mg/kg									
RDX	121-82-4	mg/kg									
Tetrazene	14097-21-3	mg/kg									
Tetryl	479-45-8	mg/kg									
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg									
2,6-Dinitrotoluene	606-20-2	mg/kg									
Metals											
Aluminum	7429-90-5	mg/kg									
Antimony	7440-36-0	mg/kg									
Arsenic	7440-38-2	mg/kg	32.1	2.8	14.3	9.1	3.9				5.1
Barium	7440-39-3	mg/kg									
Beryllium	7440-41-7	mg/kg									
Boron	7440-42-8	mg/kg									
Cadmium	7440-43-9	mg/kg									
Calcium	7440-70-2	mg/kg									
Chromium	7440-47-3	mg/kg									
Cobalt	7440-48-4	mg/kg									
Copper	7440-50-8	mg/kg									
Iron	7439-89-6	mg/kg									
Lead	7439-92-1	mg/kg									
Magnesium	7439-95-4	mg/kg									
Manganese	7439-96-5	mg/kg									
Mercury	7439-97-6	mg/kg									
Nickel	7440-02-0	mg/kg									
Potassium	7440-09-7	mg/kg									
Selenium	7782-49-2	mg/kg									
Silver	7440-22-4	mg/kg									
Sodium	7440-23-5	mg/kg									
Strontium	7440-24-6	mg/kg									
Thallium	7440-28-0	mg/kg									
Titanium	7440-32-6	mg/kg									
Vanadium	7440-62-2	mg/kg									
Zinc	7440-66-6	mg/kg									
Zirconium	7440-67-7	mg/kg									

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-004	I-137-SB-004	I-137-SB-005	I-137-SB-005	I-137-SB-005	I-137-SS-001A	I-137-SS-002	I-137-SS-003	I-137-SS-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	3/28/1996	5/3/2001	5/3/2001	5/3/2001
		Depth Interval	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	137SB-4B(2.5-3)	137SB-4C(4.5-5)	137SB-5A(0-1)	137SB-5B(2.5-3)	137SB-5C(4.5-5)	137SS-1A(0-1)	137SS-2C(2-3)	137SS-3A(0-1)	137SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
PCBs											
Aroclor 1016	12674-11-2	mg/kg						< 0.0666 U			
Aroclor 1221	11104-28-2	mg/kg						< 0.082 UT			
Aroclor 1232	11141-16-5	mg/kg						< 0.082 UT			
Aroclor 1242	53469-21-9	mg/kg						< 0.082 UT			
Aroclor 1248	12672-29-6	mg/kg						< 0.082 UT			
Aroclor 1254	11097-69-1	mg/kg						< 0.082 UT			
Aroclor 1260	11096-82-5	mg/kg						< 0.0804 U			
Pesticides											
Mirex	2385-85-5	mg/kg									
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg									
1,2,4-Trichlorobenzene	120-82-1	mg/kg									
1,2-Dichlorobenzene	95-50-1	mg/kg									
1,3-Dichlorobenzene	541-73-1	mg/kg									
1,4-Dichlorobenzene	106-46-7	mg/kg									
2,4,5-Trichlorophenol	95-95-4	mg/kg									
2,4,6-Trichlorophenol	88-06-2	mg/kg									
2,4-Dichlorophenol	120-83-2	mg/kg									
2,4-Dimethylphenol	105-67-9	mg/kg									
2,4-Dinitrophenol	51-28-5	mg/kg									
2-Chloronaphthalene	91-58-7	mg/kg									
2-Chlorophenol	95-57-8	mg/kg									
2-Methylnaphthalene	91-57-6	mg/kg									
2-Methylphenol	95-48-7	mg/kg									
2-Nitroaniline	88-74-4	mg/kg									
2-Nitrophenol	88-75-5	mg/kg									
3,3'-Dichlorobenzidine	91-94-1	mg/kg									
3-Nitroaniline	99-09-2	mg/kg									
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg									
4-Bromophenyl phenyl ether	101-55-3	mg/kg									
4-Chloro-3-methylphenol	59-50-7	mg/kg									
4-Chloroaniline	106-47-8	mg/kg									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg									
4-Methylphenol	106-44-5	mg/kg									
4-Nitroaniline	100-01-6	mg/kg									
4-Nitrophenol	100-02-7	mg/kg									
Acenaphthene	83-32-9	mg/kg							1.9 JD	< 0.37 U	
Acenaphthylene	208-96-8	mg/kg							< 3.8 UD	< 0.37 U	
Aniline	62-53-3	mg/kg									
Anthracene	120-12-7	mg/kg							4.7 D	< 0.37 U	
Benz(a)anthracene	56-55-3	mg/kg							9.6 D	0.14 J	
Benzo(a)pyrene	50-32-8	mg/kg							9.4 D	0.15 J	
Benzo(b)fluoranthene	205-99-2	mg/kg							12 D	0.19 J	
Benzo(g,h,i)perylene	191-24-2	mg/kg							5.4 D	0.12 J	
Benzo(k)fluoranthene	207-08-9	mg/kg							3.7 JD	< 0.37 U	
Benzyl alcohol	100-51-6	mg/kg									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg									
bis(2-Chloroethyl)ether	111-44-4	mg/kg									
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg									
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg									
Butylbenzyl phthalate	85-68-7	mg/kg									
Carbazole	86-74-8	mg/kg									

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-004	I-137-SB-004	I-137-SB-005	I-137-SB-005	I-137-SB-005	I-137-SS-001A	I-137-SS-002	I-137-SS-003	I-137-SS-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	3/28/1996	5/3/2001	5/3/2001	5/3/2001
		Depth Interval	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	137SB-4B(2.5-3)	137SB-4C(4.5-5)	137SB-5A(0-1)	137SB-5B(2.5-3)	137SB-5C(4.5-5)	137SS-1A(0-1)	137SS-2C(2-3)	137SS-3A(0-1)	137SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
SVOC (continued)											
Chrysene	218-01-9	mg/kg							9.8 D	0.23 J	
Dibenz(a,h)anthracene	53-70-3	mg/kg							1.3 JD	< 0.37 U	
Dibenzofuran	132-64-9	mg/kg									
Diethylphthalate	84-66-2	mg/kg									
Dimethylphthalate	131-11-3	mg/kg									
di-n-Butylphthalate	84-74-2	mg/kg									
di-n-Octylphthalate	117-84-0	mg/kg									
Diphenylamine	122-39-4	mg/kg									
Fluoranthene	206-44-0	mg/kg							29 D	0.16 J	
Fluorene	86-73-7	mg/kg							2.2 JD	< 0.37 U	
Hexachlorobenzene	118-74-1	mg/kg									
Hexachlorobutadiene	87-68-3	mg/kg									
Hexachlorocyclopentadiene	77-47-4	mg/kg									
Hexachloroethane	67-72-1	mg/kg									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg							4.5 D	< 0.37 U	
Isophorone	78-59-1	mg/kg									
Naphthalene	91-20-3	mg/kg							< 3.8 UD	< 0.37 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg									
n-Nitrosodiphenylamine	86-30-6	mg/kg									
Pentachlorophenol	87-86-5	mg/kg									
Phenanthrene	85-01-8	mg/kg							23 D	< 0.37 U	
Phenol	108-95-2	mg/kg									
Pyrene	129-00-0	mg/kg							26 D	0.16 J	
TPH											
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg									
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg									
1,1,2-Trichloroethane	79-00-5	mg/kg									
1,1-Dichloroethane	75-34-3	mg/kg									
1,1-Dichloroethene	75-35-4	mg/kg									
1,2-Dichloroethane	107-06-2	mg/kg									
1,2-Dichloroethene (total)	540-59-0	mg/kg									
1,2-Dichloropropane	78-87-5	mg/kg									
2-Butanone	78-93-3	mg/kg									
2-Hexanone	591-78-6	mg/kg									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg									
Acetone	67-64-1	mg/kg									
Acetonitrile	75-05-8	mg/kg									
Benzene	71-43-2	mg/kg									
Bromodichloromethane	75-27-4	mg/kg									
Bromoform	75-25-2	mg/kg									
Bromomethane	74-83-9	mg/kg									
Carbon disulfide	75-15-0	mg/kg									
Carbon tetrachloride	56-23-5	mg/kg									
Chlorobenzene	108-90-7	mg/kg									
Chloroethane	75-00-3	mg/kg									
Chloroform	67-66-3	mg/kg									
Chloromethane	74-87-3	mg/kg									
cis-1,2-Dichloroethene	156-59-2	mg/kg									
cis-1,3-Dichloropropene	10061-01-5	mg/kg									
Dibromochloromethane	124-48-1	mg/kg									

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137	137
		Location ID	I-137-SB-004	I-137-SB-004	I-137-SB-005	I-137-SB-005	I-137-SB-005	I-137-SS-001A	I-137-SS-002	I-137-SS-003	I-137-SS-004
		Sample Date	6/15/2001	6/15/2001	6/15/2001	6/15/2001	6/15/2001	3/28/1996	5/3/2001	5/3/2001	5/3/2001
		Depth Interval	2.5 - 3	4.5 - 5	0 - 1	2.5 - 3	4.5 - 5	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	137SB-4B(2.5-3)	137SB-4C(4.5-5)	137SB-5A(0-1)	137SB-5B(2.5-3)	137SB-5C(4.5-5)	137SS-1A(0-1)	137SS-2C(2-3)	137SS-3A(0-1)	137SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
VOC (continued)											
Dichlorodifluoromethane	75-71-8	mg/kg									
Ethanol	64-17-5	mg/kg									
Ethyl benzene	100-41-4	mg/kg									
Isopropanol	67-63-0	mg/kg									
Methylene chloride	75-09-2	mg/kg									
Styrene	100-42-5	mg/kg									
tert-Butylalcohol	75-65-0	mg/kg									
Tetrachloroethene	127-18-4	mg/kg									
Toluene	108-88-3	mg/kg									
trans-1,2-Dichloroethene	156-60-5	mg/kg									
trans-1,3-Dichloropropene	10061-02-6	mg/kg									
Trichloroethene	79-01-6	mg/kg									
Trichlorofluoromethane	75-69-4	mg/kg									
Vinyl acetate	108-05-4	mg/kg									
Vinyl chloride	75-01-4	mg/kg									
Xylenes	1330-20-7	mg/kg									
WetChem											
% Solids	%Solid	%	53.2	88.2	84.9	85.3	76.1		87.8	89.5	94.9
Ammonia	7664-41-7	mg/kg									
Chloride	16887-00-6	mg/kg									
Cyanide	57-12-5	mg/kg									
Fluoride	16984-48-8	mg/kg									
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg									
Phosphate	14265-44-2	mg/kg									
Sulfate	14808-79-8	mg/kg									
Sulfide	18496-25-8	mg/kg									

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	137 I-137-SS-005 5/3/2001 0 - 1 137SS-5A(0-1) SO	137 I-137-SS-006 5/3/2001 0 - 1 137SS-6A(0-1) SO	137 I-137-SS-009 2/19/2002 0 - 1 137SS-9A(0-1) SO	137 I-137-TP-001 11/14/1996 .5 - 1 137TP-1A(0.5-1) SO	137 I-137-TP-001 11/14/1996 2.5 - 3.5 137TP-1B(2.5-3.5) SO	137 I-137-TP-001 11/14/1996 6.5 - 7 137TP-1C(6.5-7) SO	137 I-137-TP-002 11/14/1996 .5 - 1 137TP-2A(0.5-1) SO	137 I-137-TP-002 11/14/1996 2.5 - 3 137TP-2B(2.5-3) SO	137 I-137-TP-002 11/14/1996 6.5 - 7 137TP-2C(6.5-7) SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg									
1,3-Dinitrobenzene	99-65-0	mg/kg									
2,4,6-Trinitrotoluene	118-96-7	mg/kg									
2-Nitrotoluene	88-72-2	mg/kg									
3-Nitrotoluene	99-08-1	mg/kg									
4-Nitrotoluene	99-99-0	mg/kg									
Amino DNT's	TADNT	mg/kg									
HMX	2691-41-0	mg/kg									
Nitrobenzene	98-95-3	mg/kg									
Nitrocellulose	9004-70-0	mg/kg									
Nitroglycerin	55-63-0	mg/kg									
Nitroguanidine	556-88-7	mg/kg									
PETN	78-11-5	mg/kg									
Picric Acid	88-89-1	mg/kg									
RDX	121-82-4	mg/kg									
Tetrazene	14097-21-3	mg/kg									
Tetryl	479-45-8	mg/kg									
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg									
2,6-Dinitrotoluene	606-20-2	mg/kg									
Metals											
Aluminum	7429-90-5	mg/kg				9180	9000	6980	2360	3530	6270
Antimony	7440-36-0	mg/kg				0.62	1.07	1.48	0.35	0.99	2.33
Arsenic	7440-38-2	mg/kg	13.6	20.9	9.4 J	4.24	6	9.61	3.16	2.7	13.6
Barium	7440-39-3	mg/kg				77.6	90	70	30.4	42.5	143
Beryllium	7440-41-7	mg/kg				0.74	0.87	0.79	< 0.5 U	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg				< 5.91 U	9.15	< 5.91 U	< 5.91 U	< 5.91 U	22.9
Cadmium	7440-43-9	mg/kg				< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	2.74
Calcium	7440-70-2	mg/kg				7480	13700	11000	9280	10700	23800
Chromium	7440-47-3	mg/kg				11.3	10.8	11	< 4.05 U	7.94	< 4.05 U
Cobalt	7440-48-4	mg/kg				6.73	6.65	6.41	4.86	5.2	7.05
Copper	7440-50-8	mg/kg				40.1	192	72.9	17.4	45	74.4
Iron	7439-89-6	mg/kg				15800	16700	13000	7140	10500	9030
Lead	7439-92-1	mg/kg				95.1	96.6	98.7	26	89.2	106
Magnesium	7439-95-4	mg/kg				2550	4110	3250	4970	3190	2490
Manganese	7439-96-5	mg/kg				502	1200	487	354	354	533
Mercury	7439-97-6	mg/kg				6.2	2.6	0.29	0.45	0.59	1.08
Nickel	7440-02-0	mg/kg				11.3	11.5	13.9	6.09	10.8	15.4
Potassium	7440-09-7	mg/kg				581	846	714	388	514	< 100 U
Selenium	7782-49-2	mg/kg				< 0.25 U	< 0.25 U	0.62	< 0.25 U	0.46	5.14
Silver	7440-22-4	mg/kg				< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	6.32
Sodium	7440-23-5	mg/kg				314	425	364	292	317	880
Strontium	7440-24-6	mg/kg				68	160	90	30	60	210
Thallium	7440-28-0	mg/kg				0.15	0.18	0.19	< 0.1 U	< 0.1 U	0.38
Titanium	7440-32-6	mg/kg				508	552	459	306 J	375 J	314 J
Vanadium	7440-62-2	mg/kg				22.8	18.6	17.5	4.97	8.86	31.5
Zinc	7440-66-6	mg/kg				147	149	127	155	114	195
Zirconium	7440-67-7	mg/kg				8.67	9.84	11.6	4.38	4.81	< 2.5 U

		Site Name	137	137	137	137	137	137	137	137	137
		Location ID	I-137-SS-005	I-137-SS-006	I-137-SS-009	I-137-TP-001	I-137-TP-001	I-137-TP-001	I-137-TP-002	I-137-TP-002	I-137-TP-002
		Sample Date	5/3/2001	5/3/2001	2/19/2002	11/14/1996	11/14/1996	11/14/1996	11/14/1996	11/14/1996	11/14/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	.5 - 1	2.5 - 3.5	6.5 - 7	.5 - 1	2.5 - 3	6.5 - 7
		Sample ID	137SS-5A(0-1)	137SS-6A(0-1)	137SS-9A(0-1)	137TP-1A(0.5-1)	137TP-1B(2.5-3.5)	137TP-1C(6.5-7)	137TP-2A(0.5-1)	137TP-2B(2.5-3)	137TP-2C(6.5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
PCBs											
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg									
Aroclor 1232	11141-16-5	mg/kg									
Aroclor 1242	53469-21-9	mg/kg									
Aroclor 1248	12672-29-6	mg/kg									
Aroclor 1254	11097-69-1	mg/kg									
Aroclor 1260	11096-82-5	mg/kg									
Pesticides											
Mirex	2385-85-5	mg/kg									
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg									
1,2,4-Trichlorobenzene	120-82-1	mg/kg									
1,2-Dichlorobenzene	95-50-1	mg/kg									
1,3-Dichlorobenzene	541-73-1	mg/kg									
1,4-Dichlorobenzene	106-46-7	mg/kg									
2,4,5-Trichlorophenol	95-95-4	mg/kg									
2,4,6-Trichlorophenol	88-06-2	mg/kg									
2,4-Dichlorophenol	120-83-2	mg/kg									
2,4-Dimethylphenol	105-67-9	mg/kg									
2,4-Dinitrophenol	51-28-5	mg/kg									
2-Chloronaphthalene	91-58-7	mg/kg									
2-Chlorophenol	95-57-8	mg/kg									
2-Methylnaphthalene	91-57-6	mg/kg									
2-Methylphenol	95-48-7	mg/kg									
2-Nitroaniline	88-74-4	mg/kg									
2-Nitrophenol	88-75-5	mg/kg									
3,3'-Dichlorobenzidine	91-94-1	mg/kg									
3-Nitroaniline	99-09-2	mg/kg									
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg									
4-Bromophenyl phenyl ether	101-55-3	mg/kg									
4-Chloro-3-methylphenol	59-50-7	mg/kg									
4-Chloroaniline	106-47-8	mg/kg									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg									
4-Methylphenol	106-44-5	mg/kg									
4-Nitroaniline	100-01-6	mg/kg									
4-Nitrophenol	100-02-7	mg/kg									
Acenaphthene	83-32-9	mg/kg									
Acenaphthylene	208-96-8	mg/kg									
Aniline	62-53-3	mg/kg									
Anthracene	120-12-7	mg/kg									
Benz(a)anthracene	56-55-3	mg/kg									
Benzo(a)pyrene	50-32-8	mg/kg									
Benzo(b)fluoranthene	205-99-2	mg/kg									
Benzo(g,h,i)perylene	191-24-2	mg/kg									
Benzo(k)fluoranthene	207-08-9	mg/kg									
Benzyl alcohol	100-51-6	mg/kg									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg									
bis(2-Chloroethyl)ether	111-44-4	mg/kg									
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg									
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg									
Butylbenzyl phthalate	85-68-7	mg/kg									
Carbazole	86-74-8	mg/kg									

Chemical Name	CAS No	Site Name	137	137	137	137	137	137	137	137	137
		Location ID	I-137-SS-005	I-137-SS-006	I-137-SS-009	I-137-TP-001	I-137-TP-001	I-137-TP-001	I-137-TP-002	I-137-TP-002	I-137-TP-002
		Sample Date	5/3/2001	5/3/2001	2/19/2002	11/14/1996	11/14/1996	11/14/1996	11/14/1996	11/14/1996	11/14/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	.5 - 1	2.5 - 3.5	6.5 - 7	.5 - 1	2.5 - 3	6.5 - 7
		Sample ID	137SS-5A(0-1)	137SS-6A(0-1)	137SS-9A(0-1)	137TP-1A(0.5-1)	137TP-1B(2.5-3.5)	137TP-1C(6.5-7)	137TP-2A(0.5-1)	137TP-2B(2.5-3)	137TP-2C(6.5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
SVOC (continued)											
Chrysene	218-01-9	mg/kg									
Dibenz(a,h)anthracene	53-70-3	mg/kg									
Dibenzofuran	132-64-9	mg/kg									
Diethylphthalate	84-66-2	mg/kg									
Dimethylphthalate	131-11-3	mg/kg									
di-n-Butylphthalate	84-74-2	mg/kg									
di-n-Octylphthalate	117-84-0	mg/kg									
Diphenylamine	122-39-4	mg/kg									
Fluoranthene	206-44-0	mg/kg									
Fluorene	86-73-7	mg/kg									
Hexachlorobenzene	118-74-1	mg/kg									
Hexachlorobutadiene	87-68-3	mg/kg									
Hexachlorocyclopentadiene	77-47-4	mg/kg									
Hexachloroethane	67-72-1	mg/kg									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg									
Isophorone	78-59-1	mg/kg									
Naphthalene	91-20-3	mg/kg									
n-Nitroso-di-n-propylamine	621-64-7	mg/kg									
n-Nitrosodiphenylamine	86-30-6	mg/kg									
Pentachlorophenol	87-86-5	mg/kg									
Phenanthrene	85-01-8	mg/kg									
Phenol	108-95-2	mg/kg									
Pyrene	129-00-0	mg/kg									
TPH											
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg									
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg									
1,1,2-Trichloroethane	79-00-5	mg/kg									
1,1-Dichloroethane	75-34-3	mg/kg									
1,1-Dichloroethene	75-35-4	mg/kg									
1,2-Dichloroethane	107-06-2	mg/kg									
1,2-Dichloroethene (total)	540-59-0	mg/kg									
1,2-Dichloropropane	78-87-5	mg/kg									
2-Butanone	78-93-3	mg/kg									
2-Hexanone	591-78-6	mg/kg									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg									
Acetone	67-64-1	mg/kg									
Acetonitrile	75-05-8	mg/kg									
Benzene	71-43-2	mg/kg									
Bromodichloromethane	75-27-4	mg/kg									
Bromoform	75-25-2	mg/kg									
Bromomethane	74-83-9	mg/kg									
Carbon disulfide	75-15-0	mg/kg									
Carbon tetrachloride	56-23-5	mg/kg									
Chlorobenzene	108-90-7	mg/kg									
Chloroethane	75-00-3	mg/kg									
Chloroform	67-66-3	mg/kg									
Chloromethane	74-87-3	mg/kg									
cis-1,2-Dichloroethene	156-59-2	mg/kg									
cis-1,3-Dichloropropene	10061-01-5	mg/kg									
Dibromochloromethane	124-48-1	mg/kg									

Chemical Name	CAS No	Unit	Site Name	137	137	137	137	137	137	137	137	137
			Location ID	I-137-SS-005	I-137-SS-006	I-137-SS-009	I-137-TP-001	I-137-TP-001	I-137-TP-001	I-137-TP-002	I-137-TP-002	I-137-TP-002
			Sample Date	5/3/2001	5/3/2001	2/19/2002	11/14/1996	11/14/1996	11/14/1996	11/14/1996	11/14/1996	11/14/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	.5 - 1	2.5 - 3.5	6.5 - 7	.5 - 1	2.5 - 3	6.5 - 7
			Sample ID	137SS-5A(0-1)	137SS-6A(0-1)	137SS-9A(0-1)	137TP-1A(0.5-1)	137TP-1B(2.5-3.5)	137TP-1C(6.5-7)	137TP-2A(0.5-1)	137TP-2B(2.5-3)	137TP-2C(6.5-7)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC (continued)												
Dichlorodifluoromethane	75-71-8	mg/kg										
Ethanol	64-17-5	mg/kg										
Ethyl benzene	100-41-4	mg/kg										
Isopropanol	67-63-0	mg/kg										
Methylene chloride	75-09-2	mg/kg										
Styrene	100-42-5	mg/kg										
tert-Butylalcohol	75-65-0	mg/kg										
Tetrachloroethene	127-18-4	mg/kg										
Toluene	108-88-3	mg/kg										
trans-1,2-Dichloroethene	156-60-5	mg/kg										
trans-1,3-Dichloropropene	10061-02-6	mg/kg										
Trichloroethene	79-01-6	mg/kg										
Trichlorofluoromethane	75-69-4	mg/kg										
Vinyl acetate	108-05-4	mg/kg										
Vinyl chloride	75-01-4	mg/kg										
Xylenes	1330-20-7	mg/kg										
WetChem												
% Solids	%Solid	%		95.3	93.3	90.6						
Ammonia	7664-41-7	mg/kg										
Chloride	16887-00-6	mg/kg										
Cyanide	57-12-5	mg/kg					< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg										
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg										
Phosphate	14265-44-2	mg/kg										
Sulfate	14808-79-8	mg/kg										
Sulfide	18496-25-8	mg/kg										

		Site Name	137	137	137
		Location ID	I-137-TP-003	I-137-TP-003	I-137-TP-003
		Sample Date	11/14/1996	11/14/1996	11/14/1996
		Depth Interval	2.5 - 3	4.4 - 4.9	6 - 6.5
		Sample ID	137TP-3A(2.5-3)	137TP-3B(4.4-4.9)	137TP-3C(6-6.5)
		Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	mg/kg			
1,3-Dinitrobenzene	99-65-0	mg/kg			
2,4,6-Trinitrotoluene	118-96-7	mg/kg			
2-Nitrotoluene	88-72-2	mg/kg			
3-Nitrotoluene	99-08-1	mg/kg			
4-Nitrotoluene	99-99-0	mg/kg			
Amino DNT's	TADNT	mg/kg			
HMX	2691-41-0	mg/kg			
Nitrobenzene	98-95-3	mg/kg			
Nitrocellulose	9004-70-0	mg/kg			
Nitroglycerin	55-63-0	mg/kg			
Nitroguanidine	556-88-7	mg/kg			
PETN	78-11-5	mg/kg			
Picric Acid	88-89-1	mg/kg			
RDX	121-82-4	mg/kg			
Tetrazene	14097-21-3	mg/kg			
Tetryl	479-45-8	mg/kg			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg			
2,6-Dinitrotoluene	606-20-2	mg/kg			
Metals					
Aluminum	7429-90-5	mg/kg	2810	6480	6730
Antimony	7440-36-0	mg/kg	1.94	1.77	1.06
Arsenic	7440-38-2	mg/kg	210	34.5	15.6
Barium	7440-39-3	mg/kg	184	155	163
Beryllium	7440-41-7	mg/kg	< 0.5 U	1.56	< 0.5 U
Boron	7440-42-8	mg/kg	11.6	18.7	26.7
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	7720	6650	10600
Chromium	7440-47-3	mg/kg	7.47	12.3	< 4.05 U
Cobalt	7440-48-4	mg/kg	5.69	5.31	< 1.42 U
Copper	7440-50-8	mg/kg	297	113	91.3
Iron	7439-89-6	mg/kg	14100	11400	11900
Lead	7439-92-1	mg/kg	122	82.9	41.8
Magnesium	7439-95-4	mg/kg	3780	2410	2630
Manganese	7439-96-5	mg/kg	156	64.3	469
Mercury	7439-97-6	mg/kg	4.3	3.1	0.69
Nickel	7440-02-0	mg/kg	13.6	23.1	18
Potassium	7440-09-7	mg/kg	210	600	< 100 U
Selenium	7782-49-2	mg/kg	0.44	3.74	3.94
Silver	7440-22-4	mg/kg	0.89	3.72	4.66
Sodium	7440-23-5	mg/kg	412	695	1080
Strontium	7440-24-6	mg/kg	130	180	96
Thallium	7440-28-0	mg/kg	0.96	0.95	0.58
Titanium	7440-32-6	mg/kg	436 J	731 J	299 J
Vanadium	7440-62-2	mg/kg	26.6	48.2	122
Zinc	7440-66-6	mg/kg	131	205	146
Zirconium	7440-67-7	mg/kg	9.09	15.3	< 2.5 U

		Site Name	137	137	137
		Location ID	I-137-TP-003	I-137-TP-003	I-137-TP-003
		Sample Date	11/14/1996	11/14/1996	11/14/1996
		Depth Interval	2.5 - 3	4.4 - 4.9	6 - 6.5
		Sample ID	137TP-3A(2.5-3)	137TP-3B(4.4-4.9)	137TP-3C(6-6.5)
		Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**			
PCBs					
Aroclor 1016	12674-11-2	mg/kg			
Aroclor 1221	11104-28-2	mg/kg			
Aroclor 1232	11141-16-5	mg/kg			
Aroclor 1242	53469-21-9	mg/kg			
Aroclor 1248	12672-29-6	mg/kg			
Aroclor 1254	11097-69-1	mg/kg			
Aroclor 1260	11096-82-5	mg/kg			
Pesticides					
Mirex	2385-85-5	mg/kg			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg			
1,2,4-Trichlorobenzene	120-82-1	mg/kg			
1,2-Dichlorobenzene	95-50-1	mg/kg			
1,3-Dichlorobenzene	541-73-1	mg/kg			
1,4-Dichlorobenzene	106-46-7	mg/kg			
2,4,5-Trichlorophenol	95-95-4	mg/kg			
2,4,6-Trichlorophenol	88-06-2	mg/kg			
2,4-Dichlorophenol	120-83-2	mg/kg			
2,4-Dimethylphenol	105-67-9	mg/kg			
2,4-Dinitrophenol	51-28-5	mg/kg			
2-Chloronaphthalene	91-58-7	mg/kg			
2-Chlorophenol	95-57-8	mg/kg			
2-Methylnaphthalene	91-57-6	mg/kg			
2-Methylphenol	95-48-7	mg/kg			
2-Nitroaniline	88-74-4	mg/kg			
2-Nitrophenol	88-75-5	mg/kg			
3,3'-Dichlorobenzidine	91-94-1	mg/kg			
3-Nitroaniline	99-09-2	mg/kg			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg			
4-Bromophenyl phenyl ether	101-55-3	mg/kg			
4-Chloro-3-methylphenol	59-50-7	mg/kg			
4-Chloroaniline	106-47-8	mg/kg			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg			
4-Methylphenol	106-44-5	mg/kg			
4-Nitroaniline	100-01-6	mg/kg			
4-Nitrophenol	100-02-7	mg/kg			
Acenaphthene	83-32-9	mg/kg			
Acenaphthylene	208-96-8	mg/kg			
Aniline	62-53-3	mg/kg			
Anthracene	120-12-7	mg/kg			
Benz(a)anthracene	56-55-3	mg/kg			
Benzo(a)pyrene	50-32-8	mg/kg			
Benzo(b)fluoranthene	205-99-2	mg/kg			
Benzo(g,h,i)perylene	191-24-2	mg/kg			
Benzo(k)fluoranthene	207-08-9	mg/kg			
Benzyl alcohol	100-51-6	mg/kg			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg			
bis(2-Chloroethyl)ether	111-44-4	mg/kg			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg			
Butylbenzyl phthalate	85-68-7	mg/kg			
Carbazole	86-74-8	mg/kg			

		Site Name	137	137	137
		Location ID	I-137-TP-003	I-137-TP-003	I-137-TP-003
		Sample Date	11/14/1996	11/14/1996	11/14/1996
		Depth Interval	2.5 - 3	4.4 - 4.9	6 - 6.5
		Sample ID	137TP-3A(2.5-3)	137TP-3B(4.4-4.9)	137TP-3C(6-6.5)
		Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**			
SVOC (continued)					
Chrysene	218-01-9	mg/kg			
Dibenz(a,h)anthracene	53-70-3	mg/kg			
Dibenzofuran	132-64-9	mg/kg			
Diethylphthalate	84-66-2	mg/kg			
Dimethylphthalate	131-11-3	mg/kg			
di-n-Butylphthalate	84-74-2	mg/kg			
di-n-Octylphthalate	117-84-0	mg/kg			
Diphenylamine	122-39-4	mg/kg			
Fluoranthene	206-44-0	mg/kg			
Fluorene	86-73-7	mg/kg			
Hexachlorobenzene	118-74-1	mg/kg			
Hexachlorobutadiene	87-68-3	mg/kg			
Hexachlorocyclopentadiene	77-47-4	mg/kg			
Hexachloroethane	67-72-1	mg/kg			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			
Isophorone	78-59-1	mg/kg			
Naphthalene	91-20-3	mg/kg			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg			
n-Nitrosodiphenylamine	86-30-6	mg/kg			
Pentachlorophenol	87-86-5	mg/kg			
Phenanthrene	85-01-8	mg/kg			
Phenol	108-95-2	mg/kg			
Pyrene	129-00-0	mg/kg			
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg			
VOC					
1,1,1-Trichloroethane	71-55-6	mg/kg			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg			
1,1,2-Trichloroethane	79-00-5	mg/kg			
1,1-Dichloroethane	75-34-3	mg/kg			
1,1-Dichloroethene	75-35-4	mg/kg			
1,2-Dichloroethane	107-06-2	mg/kg			
1,2-Dichloroethene (total)	540-59-0	mg/kg			
1,2-Dichloropropane	78-87-5	mg/kg			
2-Butanone	78-93-3	mg/kg			
2-Hexanone	591-78-6	mg/kg			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg			
Acetone	67-64-1	mg/kg			
Acetonitrile	75-05-8	mg/kg			
Benzene	71-43-2	mg/kg			
Bromodichloromethane	75-27-4	mg/kg			
Bromoform	75-25-2	mg/kg			
Bromomethane	74-83-9	mg/kg			
Carbon disulfide	75-15-0	mg/kg			
Carbon tetrachloride	56-23-5	mg/kg			
Chlorobenzene	108-90-7	mg/kg			
Chloroethane	75-00-3	mg/kg			
Chloroform	67-66-3	mg/kg			
Chloromethane	74-87-3	mg/kg			
cis-1,2-Dichloroethene	156-59-2	mg/kg			
cis-1,3-Dichloropropene	10061-01-5	mg/kg			
Dibromochloromethane	124-48-1	mg/kg			

		Site Name	137	137	137
		Location ID	I-137-TP-003	I-137-TP-003	I-137-TP-003
		Sample Date	11/14/1996	11/14/1996	11/14/1996
		Depth Interval	2.5 - 3	4.4 - 4.9	6 - 6.5
		Sample ID	137TP-3A(2.5-3)	137TP-3B(4.4-4.9)	137TP-3C(6-6.5)
		Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**			
VOC (continued)					
Dichlorodifluoromethane	75-71-8	mg/kg			
Ethanol	64-17-5	mg/kg			
Ethyl benzene	100-41-4	mg/kg			
Isopropanol	67-63-0	mg/kg			
Methylene chloride	75-09-2	mg/kg			
Styrene	100-42-5	mg/kg			
tert-Butylalcohol	75-65-0	mg/kg			
Tetrachloroethene	127-18-4	mg/kg			
Toluene	108-88-3	mg/kg			
trans-1,2-Dichloroethene	156-60-5	mg/kg			
trans-1,3-Dichloropropene	10061-02-6	mg/kg			
Trichloroethene	79-01-6	mg/kg			
Trichlorofluoromethane	75-69-4	mg/kg			
Vinyl acetate	108-05-4	mg/kg			
Vinyl chloride	75-01-4	mg/kg			
Xylenes	1330-20-7	mg/kg			
WetChem					
% Solids	%Solid	%			
Ammonia	7664-41-7	mg/kg			
Chloride	16887-00-6	mg/kg			
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg			
Phosphate	14265-44-2	mg/kg			
Sulfate	14808-79-8	mg/kg			
Sulfide	18496-25-8	mg/kg			

		Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Alcohol					
Methanol	67-56-1	ug/L			
Dissolved Gas					
Ethane	74-84-0	ug/L			
Ethene	74-85-1	ug/L			
Hydrogen	1333-74-0	nM			
Methane	74-82-8	ug/L			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L			
1,3-Dinitrobenzene	99-65-0	ug/L			
2,4,6-Trinitrotoluene	118-96-7	ug/L			
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L			
2-Nitrotoluene	88-72-2	ug/L			
3-Nitrotoluene	99-08-1	ug/L			
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L			
4-Nitrotoluene	99-99-0	ug/L			
DNX	80251-29-2	ug/L			
HMX	2691-41-0	ug/L			
MNX	5755-27-1	ug/L			
Nitrobenzene	98-95-3	ug/L	< 12 U		
Nitrobenzene	98-95-3	ug/L			
Nitrocellulose	9004-70-0	ug/L			
Nitroglycerin	55-63-0	ug/L			
Nitroguanidine	556-88-7	ug/L			
Perchlorate	14797-73-0	ug/L			
PETN	78-11-5	ug/L			
RDX	121-82-4	ug/L			
Tetryl	479-45-8	ug/L			
TNX	13980-04-6	ug/L			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 12 U		< 10 U
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L	< 12 U		
2,6-Dinitrotoluene	606-20-2	ug/L			

		Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Metals					
Aluminum	7429-90-5	ug/L			
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L			
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L			
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L			
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L			
Beryllium	7440-41-7	ug/L			
Cadmium	7440-43-9	ug/L			
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L			
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L			
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L			
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L			
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L			
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L			
Lead	7439-92-1	ug/L			
Magnesium	7439-95-4	ug/L			
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L			
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L			
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L			
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L			
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L			
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L			

		Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L			
Sodium	7440-23-5	ug/L			
Thallium	7440-28-0	ug/L			
Thallium	7440-28-0	ug/L			
Vanadium	7440-62-2	ug/L			
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L			
Zinc	7440-66-6	ug/L			
Other					
1,4-Oxathiane	15980-15-1	ug/L			
Diisopropyl methylphosphonate	1445-75-6	ug/L			
Dimethylmethylphosphonate	756-79-6	ug/L			
Dithiane	51330-42-8	ug/L			
PCBs					
Aroclor 1016	12674-11-2	ug/L			
Aroclor 1221	11104-28-2	ug/L			
Aroclor 1232	11141-16-5	ug/L			
Aroclor 1242	53469-21-9	ug/L			
Aroclor 1248	12672-29-6	ug/L			
Aroclor 1254	11097-69-1	ug/L			
Aroclor 1260	11096-82-5	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-BHC	319-84-6	ug/L			
Atrazine	1912-24-9	ug/L			
beta-BHC	319-85-7	ug/L			
beta-BHC	319-85-7	ug/L			
Bromacil	314-40-9	ug/L			
Chlordane	57-74-9	ug/L			

		Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlordane	57-74-9	ug/L			
delta-BHC	319-86-8	ug/L			
Dieldrin	60-57-1	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Isodrin	465-73-6	ug/L			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Parathion	56-38-2	ug/L			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L			
Supona	470-90-6	ug/L			
Toxaphene	8001-35-2	ug/L			
Vapona	62-73-7	ug/L			

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	Unit	138 / F-138-GG-001A / 2/9/1999 / 8.83 - 13.83 / 138GG-01A(19990209) / WG	138 / F-138-GG-002A / 4/21/1999 / 4.2 - 14.2 / 138GG-02A(19990421) / WG	138 / F-138-GG-003A / 4/22/1999 / 8 - 14 / 138GG-03A(19990422) / WG
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5		ug/L	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1		ug/L	< 12 U		< 10 U
1,2-Dichlorobenzene	95-50-1		ug/L	< 12 U		
1,2-Diphenylhydrazine	122-66-7		ug/L			
1,3-Dichlorobenzene	541-73-1		ug/L	< 12 U		
1,3-Dichlorobenzene	541-73-1		ug/L			
1,4-Dichlorobenzene	106-46-7		ug/L	< 12 U		< 10 U
2,4,5-Trichlorophenol	95-95-4		ug/L	< 12 U		
2,4,6-Trichlorophenol	88-06-2		ug/L	< 12 U		
2,4-Dichlorophenol	120-83-2		ug/L	< 12 U		
2,4-Dimethylphenol	105-67-9		ug/L	< 12 U		
2,4-Dinitrophenol	51-28-5		ug/L	< 60 U		
2,6-Dinitroaniline	606-22-4		ug/L			
2-Chloronaphthalene	91-58-7		ug/L	< 12 U		
2-Chlorophenol	95-57-8		ug/L	< 12 U		< 10 U
2-Methylnaphthalene	91-57-6		ug/L	< 12 U		
2-Methylphenol	95-48-7		ug/L	< 12 U		
2-Nitroaniline	88-74-4		ug/L	< 60 U		
2-Nitrophenol	88-75-5		ug/L	< 12 U		
3,3'-Dichlorobenzidine	91-94-1		ug/L	< 60 U		
3,5-Dinitroaniline	618-87-1		ug/L			
3-Nitroaniline	99-09-2		ug/L	< 60 U		
4,6-dinitro-2-Methylphenol	534-52-1		ug/L	< 60 U		
4-Bromophenyl phenyl ether	101-55-3		ug/L	< 12 U		
4-Chloro-3-methylphenol	59-50-7		ug/L	< 12 U		< 10 U
4-Chloroaniline	106-47-8		ug/L	< 12 U		
4-Chlorophenyl phenyl ether	7005-72-3		ug/L	< 12 U		
4-Methylphenol	106-44-5		ug/L	< 24 U#		
4-Nitroaniline	100-01-6		ug/L	< 60 U		
4-Nitrophenol	100-02-7		ug/L	< 60 U		< 50 U
Acenaphthene	83-32-9		ug/L	< 12 U		< 10 U
Acenaphthylene	208-96-8		ug/L	< 12 U		< 10 U
Anthracene	120-12-7		ug/L	< 12 U		< 10 U
Benz(a)anthracene	56-55-3		ug/L	< 12 U		< 10 U
Benzo(a)pyrene	50-32-8		ug/L	< 12 U		< 10 U
Benzo(b)fluoranthene	205-99-2		ug/L	< 12 U		< 10 U
Benzo(g,h,i)perylene	191-24-2		ug/L	< 12 U		< 10 U

		Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L	< 12 U		< 10 U
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 12 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 12 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 12 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	23		
Butylbenzyl phthalate	85-68-7	ug/L	< 12 U		
Carbazole	86-74-8	ug/L	< 12 U		
Chrysene	218-01-9	ug/L	< 12 U		< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 12 U		< 10 U
Dibenzofuran	132-64-9	ug/L	< 12 U		
Dichlorobenzenes	25321-22-6	ug/L			
Dicyclopentadiene	77-73-6	ug/L			
Diethylphthalate	84-66-2	ug/L	< 12 U		
Dimethylphthalate	131-11-3	ug/L	< 12 U		
di-n-Butylphthalate	84-74-2	ug/L	< 12 U		
di-n-Octylphthalate	117-84-0	ug/L	< 12 U		
Fluoranthene	206-44-0	ug/L	< 12 U		< 10 U
Fluorene	86-73-7	ug/L	< 12 U		< 10 U
Hexachlorobenzene	118-74-1	ug/L	< 12 U		
Hexachlorobutadiene	87-68-3	ug/L	< 12 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	< 60 U		
Hexachloroethane	67-72-1	ug/L	< 12 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 12 U		< 10 U
Isophorone	78-59-1	ug/L	< 12 U		
Naphthalene	91-20-3	ug/L	< 12 U		< 10 U
N-Nitrosodimethylamine	62-75-9	ug/L			
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 12 U		< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 12 U		
Pentachlorophenol	87-86-5	ug/L	< 60 U		< 10 U
Phenanthrene	85-01-8	ug/L	< 12 U		< 10 U
Phenol	108-95-2	ug/L	< 12 U		< 10 U
Pyrene	129-00-0	ug/L	< 12 U		< 10 U
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L	< 200 U		

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
		Unit			
VOC					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L			
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 2 U	< 1 U	< 1 U
1,1-Dichloropropene	563-58-6	ug/L			
1,2,3-Trichlorobenzene	87-61-6	ug/L			
1,2,3-Trichloropropane	96-18-4	ug/L			
1,2,4-Trimethylbenzene	95-63-6	ug/L			
1,2-Dibromoethane	106-93-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L			
1,3-Dichloropropane	142-28-9	ug/L			
2,2-dichloropropane	594-20-7	ug/L			
2,3,6-Trichlorophenol	933-75-5	ug/L			
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L			
2-Chlorotoluene	95-49-8	ug/L			
2-Hexanone	591-78-6	ug/L	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	106-43-4	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 10 U	< 10 U	< 10 U
Acetone	67-64-1	ug/L	< 10 U	< 10 U	< 10 U
Acetonitrile	75-05-8	ug/L		< 20 U	< 20 U
Acrylonitrile	107-13-1	ug/L			
Benzene	71-43-2	ug/L	< 1 U	< 1 U	0.23 J
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	< 1 U	< 2 U	< 2 U
Butyl benzene	104-51-8	ug/L			
Carbon disulfide	75-15-0	ug/L	< 2 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 1 U
Chlorobromomethane	74-97-5	ug/L			
Chloroethane	75-00-3	ug/L	< 1 U	< 2 U	< 2 U

		Site Name	138	138	138
		Location ID	F-138-GG-001A	F-138-GG-002A	F-138-GG-003A
		Sample Date	2/9/1999	4/21/1999	4/22/1999
		Depth Interval	8.83 - 13.83	4.2 - 14.2	8 - 14
		Sample ID	138GG-01A(19990209)	138GG-02A(19990421)	138GG-03A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chloroform	67-66-3	ug/L	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 1 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 1 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U	< 1 U
Cymene	99-87-6	ug/L			
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L			
Dichlorodifluoromethane	75-71-8	ug/L	< 1 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L			
Methyl tert-Butyl ether	1634-04-4	ug/L			
Methylene bromide	74-95-3	ug/L			
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 (U)	< 1 (U)
Monobromobenzene	108-86-1	ug/L			
m-Xylenes	108-38-3	ug/L			
n-Propylbenzene	103-65-1	ug/L			
sec-Butylbenzene	135-98-8	ug/L			
Styrene	100-42-5	ug/L	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L			
tert-Butylbenzene	98-06-6	ug/L			
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 (U)
trans-1,2-Dichloroethene	156-60-5	ug/L	< 1 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	< 1 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	< 1 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	< 2 U	< 1 U	< 1 U
WetChem					
Ammonia	7664-41-7	ug/L			
Chloride	16887-00-6	ug/L			
Cyanide	57-12-5	ug/L			
Dissolved Organic Carbon	DOC	ug/L			
Nitrate	14797-55-8	ug/L			
Nitrite	14797-65-0	ug/L			
Sulfate	14808-79-8	ug/L			
Sulfide	18496-25-8	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Alcohol					
Methanol	67-56-1	ug/L			< 1000 U
Dissolved Gas					
Ethane	74-84-0	ug/L			< 0.5 U
Ethene	74-85-1	ug/L			< 0.5 U
Hydrogen	1333-74-0	nM		2	
Methane	74-82-8	ug/L			< 0.5 U
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U		< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	0.13 J		< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U		< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U		< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U		< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U		< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 U		< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	0.1 J		< 0.2 U
DNX	80251-29-2	ug/L			< 0.25 U
HMX	2691-41-0	ug/L	1.8		0.79
MNX	5755-27-1	ug/L			< 0.25 (U)
Nitrobenzene	98-95-3	ug/L	< 0.2 U		< 0.2 U
Nitrobenzene	98-95-3	ug/L			
Nitrocellulose	9004-70-0	ug/L	< 500 U		
Nitroglycerin	55-63-0	ug/L	< 2.5 U		
Nitroguanidine	556-88-7	ug/L	< 20 U		
Perchlorate	14797-73-0	ug/L			
PETN	78-11-5	ug/L	< 2.5 U		
RDX	121-82-4	ug/L	3.2		3.9
Tetryl	479-45-8	ug/L	< 0.2 U		< 0.2 U
TNX	13980-04-6	ug/L			< 0.25 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U		< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U		< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Metals					
Aluminum	7429-90-5	ug/L	8800		
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L	< 60 U		
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L	4.5 J		
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L	170 J		
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L	< 5 U		
Beryllium	7440-41-7	ug/L			
Cadmium	7440-43-9	ug/L	< 5 U		
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L	28500		
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L	83		
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L	44 J		
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L	43		
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L	14400		91 J
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L	29		
Lead	7439-92-1	ug/L			
Magnesium	7439-95-4	ug/L	10700		
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L	890		
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L	< 0.2 U		
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L	120		
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L	3400 J		
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L	< 5 U		
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L	< 10 U		

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L	60200		
Sodium	7440-23-5	ug/L			
Thallium	7440-28-0	ug/L	< 10 U		
Thallium	7440-28-0	ug/L			
Vanadium	7440-62-2	ug/L	19 J		
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L	79		
Zinc	7440-66-6	ug/L			
Other					
1,4-Oxathiane	15980-15-1	ug/L			
Diisopropyl methylphosphonate	1445-75-6	ug/L			
Dimethylmethylphosphonate	756-79-6	ug/L			
Dithiane	51330-42-8	ug/L			
PCBs					
Aroclor 1016	12674-11-2	ug/L			
Aroclor 1221	11104-28-2	ug/L			
Aroclor 1232	11141-16-5	ug/L			
Aroclor 1242	53469-21-9	ug/L			
Aroclor 1248	12672-29-6	ug/L			
Aroclor 1254	11097-69-1	ug/L			
Aroclor 1260	11096-82-5	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-BHC	319-84-6	ug/L			
Atrazine	1912-24-9	ug/L			
beta-BHC	319-85-7	ug/L			
beta-BHC	319-85-7	ug/L			
Bromacil	314-40-9	ug/L			
Chlordane	57-74-9	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlordane	57-74-9	ug/L			
delta-BHC	319-86-8	ug/L			
Dieldrin	60-57-1	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Isodrin	465-73-6	ug/L			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Parathion	56-38-2	ug/L			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L			
Supona	470-90-6	ug/L			
Toxaphene	8001-35-2	ug/L			
Vapona	62-73-7	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U		< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L			
1,2-Dichlorobenzene	95-50-1	ug/L			
1,2-Diphenylhydrazine	122-66-7	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,4-Dichlorobenzene	106-46-7	ug/L			
2,4,5-Trichlorophenol	95-95-4	ug/L			
2,4,6-Trichlorophenol	88-06-2	ug/L			
2,4-Dichlorophenol	120-83-2	ug/L			
2,4-Dimethylphenol	105-67-9	ug/L			
2,4-Dinitrophenol	51-28-5	ug/L			
2,6-Dinitroaniline	606-22-4	ug/L			
2-Chloronaphthalene	91-58-7	ug/L			
2-Chlorophenol	95-57-8	ug/L			
2-Methylnaphthalene	91-57-6	ug/L			
2-Methylphenol	95-48-7	ug/L			
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L			
3,3'-Dichlorobenzidine	91-94-1	ug/L			
3,5-Dinitroaniline	618-87-1	ug/L			
3-Nitroaniline	99-09-2	ug/L			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L			
4-Chloro-3-methylphenol	59-50-7	ug/L			
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			
4-Methylphenol	106-44-5	ug/L			
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L			
Acenaphthene	83-32-9	ug/L			
Acenaphthylene	208-96-8	ug/L			
Anthracene	120-12-7	ug/L			
Benz(a)anthracene	56-55-3	ug/L			
Benzo(a)pyrene	50-32-8	ug/L			
Benzo(b)fluoranthene	205-99-2	ug/L			
Benzo(g,h,i)perylene	191-24-2	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L			
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L			
bis(2-Chloroethyl)ether	111-44-4	ug/L			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			
Butylbenzyl phthalate	85-68-7	ug/L			
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L			
Dibenz(a,h)anthracene	53-70-3	ug/L			
Dibenzofuran	132-64-9	ug/L			
Dichlorobenzenes	25321-22-6	ug/L			
Dicyclopentadiene	77-73-6	ug/L			
Diethylphthalate	84-66-2	ug/L			
Dimethylphthalate	131-11-3	ug/L			
di-n-Butylphthalate	84-74-2	ug/L			
di-n-Octylphthalate	117-84-0	ug/L			
Fluoranthene	206-44-0	ug/L			
Fluorene	86-73-7	ug/L			
Hexachlorobenzene	118-74-1	ug/L			
Hexachlorobutadiene	87-68-3	ug/L			
Hexachlorocyclopentadiene	77-47-4	ug/L			
Hexachloroethane	67-72-1	ug/L			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			
Isophorone	78-59-1	ug/L			
Naphthalene	91-20-3	ug/L			
N-Nitrosodimethylamine	62-75-9	ug/L			
n-Nitroso-di-n-propylamine	621-64-7	ug/L			
n-Nitrosodiphenylamine	86-30-6	ug/L			
Pentachlorophenol	87-86-5	ug/L			
Phenanthrene	85-01-8	ug/L			
Phenol	108-95-2	ug/L			
Pyrene	129-00-0	ug/L			
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
		Unit			
VOC					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L			
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U		< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U		< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U		< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U		< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U		< 1 U
1,1-Dichloropropene	563-58-6	ug/L			
1,2,3-Trichlorobenzene	87-61-6	ug/L			
1,2,3-Trichloropropane	96-18-4	ug/L			
1,2,4-Trimethylbenzene	95-63-6	ug/L			
1,2-Dibromoethane	106-93-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L	< 1 (U)		< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L	< 1 U		< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L			
1,3-Dichloropropane	142-28-9	ug/L			
2,2-dichloropropane	594-20-7	ug/L			
2,3,6-Trichlorophenol	933-75-5	ug/L			
2-Butanone	78-93-3	ug/L	< 10 U		< 10 UJ
2-Chloroethyl vinyl ether	110-75-8	ug/L			
2-Chlorotoluene	95-49-8	ug/L			
2-Hexanone	591-78-6	ug/L	< 10 U		< 10 U
4-Chlorotoluene	106-43-4	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 10 U		< 5 U
Acetone	67-64-1	ug/L	< 10 U		< 10 (U)
Acetonitrile	75-05-8	ug/L	< 20 U		< 20 R
Acrylonitrile	107-13-1	ug/L			
Benzene	71-43-2	ug/L	< 1 U		< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U		< 1 U
Bromoform	75-25-2	ug/L	< 1 U		< 1 U
Bromomethane	74-83-9	ug/L	< 2 U		< 2 U
Butyl benzene	104-51-8	ug/L			
Carbon disulfide	75-15-0	ug/L	< 1 U		< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U		< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 (U)		< 1 U
Chlorobromomethane	74-97-5	ug/L			
Chloroethane	75-00-3	ug/L	< 2 U		< 2 U

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-003	F-138-MW-003
		Sample Date	7/23/1999	10/17/2003	11/7/2003
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3(19990723)	138MW-3(20031017)	138MW-3(20031107)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chloroform	67-66-3	ug/L	< 1 U		< 1 U
Chloromethane	74-87-3	ug/L	< 2 U		< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U		< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U		< 1 U
Cymene	99-87-6	ug/L			
Dibromochloromethane	124-48-1	ug/L	< 1 U		< 1 U
Dibromochloropropane	96-12-8	ug/L			
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U		< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U		< 1 U
Isopropylbenzene	98-82-8	ug/L			
Methyl tert-Butyl ether	1634-04-4	ug/L			
Methylene bromide	74-95-3	ug/L			
Methylene chloride	75-09-2	ug/L	< 1 U		< 1 U
Monobromobenzene	108-86-1	ug/L			
m-Xylenes	108-38-3	ug/L			
n-Propylbenzene	103-65-1	ug/L			
sec-Butylbenzene	135-98-8	ug/L			
Styrene	100-42-5	ug/L	< 1 U		< 1 U
tert-Butylalcohol	75-65-0	ug/L			
tert-Butylbenzene	98-06-6	ug/L			
Tetrachloroethene	127-18-4	ug/L	< 1 U		< 1 U
Toluene	108-88-3	ug/L	< 1 U		< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U		< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U		< 1 U
Trichloroethene	79-01-6	ug/L	1.6		0.39 J
Trichlorofluoromethane	75-69-4	ug/L	< 2 U		< 2 U
Vinyl chloride	75-01-4	ug/L	< 2 U		< 2 U
Xylenes	1330-20-7	ug/L	< 1 U		< 1 U
WetChem					
Ammonia	7664-41-7	ug/L			30 J
Chloride	16887-00-6	ug/L			124000
Cyanide	57-12-5	ug/L			
Dissolved Organic Carbon	DOC	ug/L			2000
Nitrate	14797-55-8	ug/L			30 J
Nitrite	14797-65-0	ug/L			< 500 U
Sulfate	14808-79-8	ug/L			21400
Sulfide	18496-25-8	ug/L			< 500 U

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
		Unit			
Alcohol					
Methanol	67-56-1	ug/L	< 1000 U		
Dissolved Gas					
Ethane	74-84-0	ug/L	< 0.5 U		
Ethene	74-85-1	ug/L	< 0.5 U		
Hydrogen	1333-74-0	nM			
Methane	74-82-8	ug/L	< 0.5 U		
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U	0.22 JD	< 1.03 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U	0.2 JD	< 1.03 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U	0.74 D	< 1.03 U
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 U	1.4 D	0.822 J
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U	< 0.4 (U)D	< 1.03 U
DNX	80251-29-2	ug/L	< 0.25 U		
HMX	2691-41-0	ug/L	0.76	14 D	5.98
MNX	5755-27-1	ug/L	< 0.25 (U)		
Nitrobenzene	98-95-3	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
Nitrobenzene	98-95-3	ug/L			
Nitrocellulose	9004-70-0	ug/L		< 500 U	
Nitroglycerin	55-63-0	ug/L		< 5 UD	
Nitroguanidine	556-88-7	ug/L		< 20 U	
Perchlorate	14797-73-0	ug/L			
PETN	78-11-5	ug/L		< 5 UD	
RDX	121-82-4	ug/L	3.8	15 D	2.66
Tetryl	479-45-8	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
TNX	13980-04-6	ug/L	< 0.25 U		
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U	< 0.4 UD	< 1.03 U
2,6-Dinitrotoluene	606-20-2	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
		Unit			
Metals					
Aluminum	7429-90-5	ug/L		< 200 R	
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L		< 60 U	
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L		< 10 U	
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L		11 J	
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L		< 5 U	
Beryllium	7440-41-7	ug/L			
Cadmium	7440-43-9	ug/L		< 5 U	
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L		23100	
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L		< 10 U	
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L		< 50 U	
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L		< 25 U	
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L	350 J	370	
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L		< 3 U	
Lead	7439-92-1	ug/L			
Magnesium	7439-95-4	ug/L		5300	
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L		33	
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L		< 0.2 U	
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L		< 40 U	
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L		1200 J	
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L		< 5 U	
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L		< 10 U	

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L		20600	
Sodium	7440-23-5	ug/L			
Thallium	7440-28-0	ug/L		< 10 U	
Thallium	7440-28-0	ug/L			
Vanadium	7440-62-2	ug/L		< 50 U	
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L		< 20 U	
Zinc	7440-66-6	ug/L			
Other					
1,4-Oxathiane	15980-15-1	ug/L			
Diisopropyl methylphosphonate	1445-75-6	ug/L			
Dimethylmethylphosphonate	756-79-6	ug/L			
Dithiane	51330-42-8	ug/L			
PCBs					
Aroclor 1016	12674-11-2	ug/L			
Aroclor 1221	11104-28-2	ug/L			
Aroclor 1232	11141-16-5	ug/L			
Aroclor 1242	53469-21-9	ug/L			
Aroclor 1248	12672-29-6	ug/L			
Aroclor 1254	11097-69-1	ug/L			
Aroclor 1260	11096-82-5	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-BHC	319-84-6	ug/L			
Atrazine	1912-24-9	ug/L			
beta-BHC	319-85-7	ug/L			
beta-BHC	319-85-7	ug/L			
Bromacil	314-40-9	ug/L			
Chlordane	57-74-9	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlordane	57-74-9	ug/L			
delta-BHC	319-86-8	ug/L			
Dieldrin	60-57-1	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Isodrin	465-73-6	ug/L			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Parathion	56-38-2	ug/L			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L			
Supona	470-90-6	ug/L			
Toxaphene	8001-35-2	ug/L			
Vapona	62-73-7	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
		Unit			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L			
1,2-Dichlorobenzene	95-50-1	ug/L			
1,2-Diphenylhydrazine	122-66-7	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,4-Dichlorobenzene	106-46-7	ug/L			
2,4,5-Trichlorophenol	95-95-4	ug/L			
2,4,6-Trichlorophenol	88-06-2	ug/L			
2,4-Dichlorophenol	120-83-2	ug/L			
2,4-Dimethylphenol	105-67-9	ug/L			
2,4-Dinitrophenol	51-28-5	ug/L			
2,6-Dinitroaniline	606-22-4	ug/L			
2-Chloronaphthalene	91-58-7	ug/L			
2-Chlorophenol	95-57-8	ug/L			
2-Methylnaphthalene	91-57-6	ug/L			
2-Methylphenol	95-48-7	ug/L			
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L			
3,3'-Dichlorobenzidine	91-94-1	ug/L			
3,5-Dinitroaniline	618-87-1	ug/L			
3-Nitroaniline	99-09-2	ug/L			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L			
4-Chloro-3-methylphenol	59-50-7	ug/L			
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			
4-Methylphenol	106-44-5	ug/L			
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L			
Acenaphthene	83-32-9	ug/L			
Acenaphthylene	208-96-8	ug/L			
Anthracene	120-12-7	ug/L			
Benz(a)anthracene	56-55-3	ug/L			
Benzo(a)pyrene	50-32-8	ug/L			
Benzo(b)fluoranthene	205-99-2	ug/L			
Benzo(g,h,i)perylene	191-24-2	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L			
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L			
bis(2-Chloroethyl)ether	111-44-4	ug/L			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			
Butylbenzyl phthalate	85-68-7	ug/L			
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L			
Dibenz(a,h)anthracene	53-70-3	ug/L			
Dibenzofuran	132-64-9	ug/L			
Dichlorobenzenes	25321-22-6	ug/L			
Dicyclopentadiene	77-73-6	ug/L			
Diethylphthalate	84-66-2	ug/L			
Dimethylphthalate	131-11-3	ug/L			
di-n-Butylphthalate	84-74-2	ug/L			
di-n-Octylphthalate	117-84-0	ug/L			
Fluoranthene	206-44-0	ug/L			
Fluorene	86-73-7	ug/L			
Hexachlorobenzene	118-74-1	ug/L			
Hexachlorobutadiene	87-68-3	ug/L			
Hexachlorocyclopentadiene	77-47-4	ug/L			
Hexachloroethane	67-72-1	ug/L			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			
Isophorone	78-59-1	ug/L			
Naphthalene	91-20-3	ug/L			
N-Nitrosodimethylamine	62-75-9	ug/L			
n-Nitroso-di-n-propylamine	621-64-7	ug/L			
n-Nitrosodiphenylamine	86-30-6	ug/L			
Pentachlorophenol	87-86-5	ug/L			
Phenanthrene	85-01-8	ug/L			
Phenol	108-95-2	ug/L			
Pyrene	129-00-0	ug/L			
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
		Unit			
VOC					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L			
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	0.14 J	
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	
1,1-Dichloropropene	563-58-6	ug/L			
1,2,3-Trichlorobenzene	87-61-6	ug/L			
1,2,3-Trichloropropane	96-18-4	ug/L			
1,2,4-Trimethylbenzene	95-63-6	ug/L			
1,2-Dibromoethane	106-93-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 (U)	
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	
1,3,5-Trimethylbenzene	108-67-8	ug/L			
1,3-Dichloropropane	142-28-9	ug/L			
2,2-dichloropropane	594-20-7	ug/L			
2,3,6-Trichlorophenol	933-75-5	ug/L			
2-Butanone	78-93-3	ug/L	< 10 UJ	< 10 U	
2-Chloroethyl vinyl ether	110-75-8	ug/L			
2-Chlorotoluene	95-49-8	ug/L			
2-Hexanone	591-78-6	ug/L	< 10 U	< 10 U	
4-Chlorotoluene	106-43-4	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 10 U	
Acetone	67-64-1	ug/L	< 10 (U)	< 10 U	
Acetonitrile	75-05-8	ug/L	< 20 R	< 20 U	
Acrylonitrile	107-13-1	ug/L			
Benzene	71-43-2	ug/L	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	< 1 U	< 1 U	
Bromomethane	74-83-9	ug/L	< 2 U	< 2 U	
Butyl benzene	104-51-8	ug/L			
Carbon disulfide	75-15-0	ug/L	< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	
Chlorobromomethane	74-97-5	ug/L			
Chloroethane	75-00-3	ug/L	< 2 U	< 2 U	

		Site Name	138	138	138
		Location ID	F-138-MW-003	F-138-MW-004	F-138-MW-004
		Sample Date	11/7/2003	7/16/1999	2/7/2008
		Depth Interval	10 - 20	10 - 20	10 - 20
		Sample ID	138MW-3DUP(20031107)	138MW-4(19990716)	F-138MW004(020708)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chloroform	67-66-3	ug/L	< 1 U	< 1 U	
Chloromethane	74-87-3	ug/L	< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U	
Cymene	99-87-6	ug/L			
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	
Dibromochloropropane	96-12-8	ug/L			
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 2 U	
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	
Isopropylbenzene	98-82-8	ug/L			
Methyl tert-Butyl ether	1634-04-4	ug/L			
Methylene bromide	74-95-3	ug/L			
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	
Monobromobenzene	108-86-1	ug/L			
m-Xylenes	108-38-3	ug/L			
n-Propylbenzene	103-65-1	ug/L			
sec-Butylbenzene	135-98-8	ug/L			
Styrene	100-42-5	ug/L	< 1 U	< 1 U	
tert-Butylalcohol	75-65-0	ug/L			
tert-Butylbenzene	98-06-6	ug/L			
Tetrachloroethene	127-18-4	ug/L	< 1 U	0.32 J	
Toluene	108-88-3	ug/L	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	0.42 J	0.42 J	
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 2 U	
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2 U	
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	
WetChem					
Ammonia	7664-41-7	ug/L	40 J		
Chloride	16887-00-6	ug/L	125000		
Cyanide	57-12-5	ug/L			
Dissolved Organic Carbon	DOC	ug/L	2000		
Nitrate	14797-55-8	ug/L	< 500 U		
Nitrite	14797-65-0	ug/L	< 500 U		
Sulfate	14808-79-8	ug/L	21600		
Sulfide	18496-25-8	ug/L	< 500 U		

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Alcohol					
Methanol	67-56-1	ug/L			
Dissolved Gas					
Ethane	74-84-0	ug/L			
Ethene	74-85-1	ug/L			
Hydrogen	1333-74-0	nM			
Methane	74-82-8	ug/L			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U	< 0.2 U	< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U	< 0.2 U	< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U	< 0.2 U	< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U	0.11 J	< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U	< 0.2 U	< 1 U
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U	< 0.2 U	< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 UJ	0.12 J	< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U	< 0.2 U	< 1 U
DNX	80251-29-2	ug/L			
HMX	2691-41-0	ug/L	< 0.5 U	0.25 J	< 1 U
MNX	5755-27-1	ug/L			
Nitrobenzene	98-95-3	ug/L	< 0.2 U	< 0.2 U	< 1 U
Nitrobenzene	98-95-3	ug/L			
Nitrocellulose	9004-70-0	ug/L			< 500 U
Nitroglycerin	55-63-0	ug/L			< 1 U
Nitroguanidine	556-88-7	ug/L			< 20 U
Perchlorate	14797-73-0	ug/L			
PETN	78-11-5	ug/L			< 1 U
RDX	121-82-4	ug/L	< 0.5 U	0.51	< 0.8 U
Tetryl	479-45-8	ug/L	< 0.2 U	< 0.2 U	< 1 U
TNX	13980-04-6	ug/L			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	0.14 J	< 0.2 U	< 0.1 U
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 R	< 0.2 U	< 0.3 U
2,6-Dinitrotoluene	606-20-2	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Metals					
Aluminum	7429-90-5	ug/L			27000
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L			< 60 U
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L			8.8 J
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L			180 J
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L			< 5 U
Beryllium	7440-41-7	ug/L			
Cadmium	7440-43-9	ug/L			< 5 U
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L			19900
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L			48
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L			20 J
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L			92
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L			32400
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L			25
Lead	7439-92-1	ug/L			
Magnesium	7439-95-4	ug/L			8800
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L			280
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L			0.14 J
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L			42
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L			7700
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L			< 5 U
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L			< 10 U

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L			16200
Sodium	7440-23-5	ug/L			
Thallium	7440-28-0	ug/L			< 10 U
Thallium	7440-28-0	ug/L			
Vanadium	7440-62-2	ug/L			53
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L			120
Zinc	7440-66-6	ug/L			
Other					
1,4-Oxathiane	15980-15-1	ug/L			
Diisopropyl methylphosphonate	1445-75-6	ug/L			
Dimethylmethylphosphonate	756-79-6	ug/L			
Dithiane	51330-42-8	ug/L			
PCBs					
Aroclor 1016	12674-11-2	ug/L			
Aroclor 1221	11104-28-2	ug/L			
Aroclor 1232	11141-16-5	ug/L			
Aroclor 1242	53469-21-9	ug/L			
Aroclor 1248	12672-29-6	ug/L			
Aroclor 1254	11097-69-1	ug/L			
Aroclor 1260	11096-82-5	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-BHC	319-84-6	ug/L			
Atrazine	1912-24-9	ug/L			
beta-BHC	319-85-7	ug/L			
beta-BHC	319-85-7	ug/L			
Bromacil	314-40-9	ug/L			
Chlordane	57-74-9	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlordane	57-74-9	ug/L			
delta-BHC	319-86-8	ug/L			
Dieldrin	60-57-1	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Isodrin	465-73-6	ug/L			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Parathion	56-38-2	ug/L			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L			
Supona	470-90-6	ug/L			
Toxaphene	8001-35-2	ug/L			
Vapona	62-73-7	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L			
1,2-Dichlorobenzene	95-50-1	ug/L			
1,2-Diphenylhydrazine	122-66-7	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L			
1,4-Dichlorobenzene	106-46-7	ug/L			
2,4,5-Trichlorophenol	95-95-4	ug/L			
2,4,6-Trichlorophenol	88-06-2	ug/L			
2,4-Dichlorophenol	120-83-2	ug/L			
2,4-Dimethylphenol	105-67-9	ug/L			
2,4-Dinitrophenol	51-28-5	ug/L			
2,6-Dinitroaniline	606-22-4	ug/L			
2-Chloronaphthalene	91-58-7	ug/L			
2-Chlorophenol	95-57-8	ug/L			
2-Methylnaphthalene	91-57-6	ug/L			
2-Methylphenol	95-48-7	ug/L			
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L			
3,3'-Dichlorobenzidine	91-94-1	ug/L			
3,5-Dinitroaniline	618-87-1	ug/L			
3-Nitroaniline	99-09-2	ug/L			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L			
4-Chloro-3-methylphenol	59-50-7	ug/L			
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			
4-Methylphenol	106-44-5	ug/L			
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L			
Acenaphthene	83-32-9	ug/L			
Acenaphthylene	208-96-8	ug/L			
Anthracene	120-12-7	ug/L			
Benz(a)anthracene	56-55-3	ug/L			
Benzo(a)pyrene	50-32-8	ug/L			
Benzo(b)fluoranthene	205-99-2	ug/L			
Benzo(g,h,i)perylene	191-24-2	ug/L			

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L			
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L			
bis(2-Chloroethyl)ether	111-44-4	ug/L			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			
Butylbenzyl phthalate	85-68-7	ug/L			
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L			
Dibenz(a,h)anthracene	53-70-3	ug/L			
Dibenzofuran	132-64-9	ug/L			
Dichlorobenzenes	25321-22-6	ug/L			
Dicyclopentadiene	77-73-6	ug/L			
Diethylphthalate	84-66-2	ug/L			
Dimethylphthalate	131-11-3	ug/L			
di-n-Butylphthalate	84-74-2	ug/L			
di-n-Octylphthalate	117-84-0	ug/L			
Fluoranthene	206-44-0	ug/L			
Fluorene	86-73-7	ug/L			
Hexachlorobenzene	118-74-1	ug/L			
Hexachlorobutadiene	87-68-3	ug/L			
Hexachlorocyclopentadiene	77-47-4	ug/L			
Hexachloroethane	67-72-1	ug/L			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			
Isophorone	78-59-1	ug/L			
Naphthalene	91-20-3	ug/L			
N-Nitrosodimethylamine	62-75-9	ug/L			
n-Nitroso-di-n-propylamine	621-64-7	ug/L			
n-Nitrosodiphenylamine	86-30-6	ug/L			
Pentachlorophenol	87-86-5	ug/L			
Phenanthrene	85-01-8	ug/L			
Phenol	108-95-2	ug/L			
Pyrene	129-00-0	ug/L			
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
		Unit			
VOC					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L			
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	
1,1-Dichloropropene	563-58-6	ug/L			
1,2,3-Trichlorobenzene	87-61-6	ug/L			
1,2,3-Trichloropropane	96-18-4	ug/L			
1,2,4-Trimethylbenzene	95-63-6	ug/L			
1,2-Dibromoethane	106-93-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	
1,3,5-Trimethylbenzene	108-67-8	ug/L			
1,3-Dichloropropane	142-28-9	ug/L			
2,2-dichloropropane	594-20-7	ug/L			
2,3,6-Trichlorophenol	933-75-5	ug/L			
2-Butanone	78-93-3	ug/L	< 10 U	< 10 UJ	
2-Chloroethyl vinyl ether	110-75-8	ug/L			
2-Chlorotoluene	95-49-8	ug/L			
2-Hexanone	591-78-6	ug/L	< 10 U	< 10 U	
4-Chlorotoluene	106-43-4	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 5 U	
Acetone	67-64-1	ug/L	< 10 UJ	< 10 (U)J	
Acetonitrile	75-05-8	ug/L	< 20 R	< 20 R	
Acrylonitrile	107-13-1	ug/L			
Benzene	71-43-2	ug/L	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	< 1 UJ	< 1 U	
Bromomethane	74-83-9	ug/L	< 2 UJ	< 2 U	
Butyl benzene	104-51-8	ug/L			
Carbon disulfide	75-15-0	ug/L	< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	
Chlorobromomethane	74-97-5	ug/L			
Chloroethane	75-00-3	ug/L	< 2 UJ	< 2 U	

		Site Name	138	138	138
		Location ID	F-138-MW-006	F-138-MW-007	F-FGG-04A
		Sample Date	2/4/2002	5/20/2002	4/22/1999
		Depth Interval	9 - 19	8 - 18	6.5 - 19
		Sample ID	138MW-6(20020204)	138MW-7(20020520)	FGG-04A(19990422)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chloroform	67-66-3	ug/L	< 1 U	< 1 (U)	
Chloromethane	74-87-3	ug/L	< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U	
Cymene	99-87-6	ug/L			
Dibromochloromethane	124-48-1	ug/L	< 1 UJ	< 1 U	
Dibromochloropropane	96-12-8	ug/L			
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 2 UJ	
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	
Isopropylbenzene	98-82-8	ug/L			
Methyl tert-Butyl ether	1634-04-4	ug/L			
Methylene bromide	74-95-3	ug/L			
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	
Monobromobenzene	108-86-1	ug/L			
m-Xylenes	108-38-3	ug/L			
n-Propylbenzene	103-65-1	ug/L			
sec-Butylbenzene	135-98-8	ug/L			
Styrene	100-42-5	ug/L	< 1 U	< 1 U	
tert-Butylalcohol	75-65-0	ug/L	< 50 R	< 50 R	
tert-Butylbenzene	98-06-6	ug/L			
Tetrachloroethene	127-18-4	ug/L	< 1 U	4.8	
Toluene	108-88-3	ug/L	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 UJ	< 1 U	
Trichloroethene	79-01-6	ug/L	< 1 U	1.6	
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 2 UJ	
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2 U	
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	
WetChem					
Ammonia	7664-41-7	ug/L			
Chloride	16887-00-6	ug/L			
Cyanide	57-12-5	ug/L			
Dissolved Organic Carbon	DOC	ug/L			
Nitrate	14797-55-8	ug/L			
Nitrite	14797-65-0	ug/L			
Sulfate	14808-79-8	ug/L			
Sulfide	18496-25-8	ug/L			

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
		Unit				
Alcohol						
Methanol	67-56-1	ug/L				
Dissolved Gas						
Ethane	74-84-0	ug/L				
Ethene	74-85-1	ug/L				
Hydrogen	1333-74-0	nM				
Methane	74-82-8	ug/L				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	0.24 N	< 0.21 U	0.28	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.458 U	< 0.458 U	0.06 J	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.426 U	0.49 NE	0.42	1
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L			0.62	0.92
2-Nitrotoluene	88-72-2	ug/L			< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	< 2.9 U	< 2.9 U	< 0.2 (U)	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L			1	1.4 J
4-Nitrotoluene	99-99-0	ug/L			0.1 J	< 0.2 U
DNX	80251-29-2	ug/L				
HMX	2691-41-0	ug/L	< 0.533 U	< 0.533 U	0.27 J	0.26 J
MNX	5755-27-1	ug/L				
Nitrobenzene	98-95-3	ug/L	< 3.7 U	< 0.682 U	0.08 J	< 0.2 U
Nitrobenzene	98-95-3	ug/L	< 0.682 U	< 3.7 U		
Nitrocellulose	9004-70-0	ug/L	< 222 U	< 222 U	< 500 U	
Nitroglycerin	55-63-0	ug/L	< 1.49 U	< 1.49 U	< 2.5 U	
Nitroguanidine	556-88-7	ug/L			< 20 U	
Perchlorate	14797-73-0	ug/L				
PETN	78-11-5	ug/L	< 2 U	< 2 U	< 2.5 U	
RDX	121-82-4	ug/L	2.19	3.03	0.98	1
Tetryl	479-45-8	ug/L	< 0.631 U	< 0.631 U	< 0.2 U	< 0.2 U
TNX	13980-04-6	ug/L				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	0.65 N	< 0.397 U	0.05 J	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	< 5.8 U	< 5.8 U		
2,6-Dinitrotoluene	606-20-2	ug/L	< 6.7 U	< 6.7 U	< 0.2 (U)	< 0.2 R
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.6 U	< 0.6 U		

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
		Unit				
Metals						
Aluminum	7429-90-5	ug/L	< 112 U	11100	180 J	
Aluminum	7429-90-5	ug/L	8810			
Antimony	7440-36-0	ug/L	< 60 U	< 60 U	< 60 U	
Antimony	7440-36-0	ug/L	< 60 U			
Arsenic	7440-38-2	ug/L	3.08	2.96	< 10 U	
Arsenic	7440-38-2	ug/L	< 2.35 U			
Barium	7440-39-3	ug/L	15.5	60.7	19 J	
Barium	7440-39-3	ug/L	50			
Beryllium	7440-41-7	ug/L	< 1.12 U	1.61	< 5 U	
Beryllium	7440-41-7	ug/L	< 1.12 U			
Cadmium	7440-43-9	ug/L	< 6.78 U	< 6.78 U	< 5 U	
Cadmium	7440-43-9	ug/L	< 6.78 U			
Calcium	7440-70-2	ug/L	37900	41900	30200	
Calcium	7440-70-2	ug/L	37700			
Chromium	7440-47-3	ug/L	< 16.8 U	< 16.8 U	< 10 U	
Chromium	7440-47-3	ug/L	< 16.8 U			
Cobalt	7440-48-4	ug/L	< 25 U	< 25 U	< 50 U	
Cobalt	7440-48-4	ug/L	< 25 U			
Copper	7440-50-8	ug/L	27	27.8	< 25 U	
Copper	7440-50-8	ug/L	< 18.8 U			
Iron	7439-89-6	ug/L	< 77.5 U	15100	160	
Iron	7439-89-6	ug/L	15100			
Lead	7439-92-1	ug/L	< 4.47 U	5.65	< 3 U	
Lead	7439-92-1	ug/L	6.31			
Magnesium	7439-95-4	ug/L	9680	11700	7800	
Magnesium	7439-95-4	ug/L	10700			
Manganese	7439-96-5	ug/L	400	358	5.7 J	
Manganese	7439-96-5	ug/L	< 9.67 U			
Mercury	7439-97-6	ug/L	< 0.1 U	< 0.1 U	< 0.2 U	
Mercury	7439-97-6	ug/L	< 0.1 U			
Nickel	7440-02-0	ug/L	< 32.1 U	< 32.1 U	< 40 U	
Nickel	7440-02-0	ug/L	< 32.1 U			
Potassium	7440-09-7	ug/L	2620	3660	1500 J	
Potassium	7440-09-7	ug/L	< 1240 U			
Selenium	7782-49-2	ug/L	< 2.53 U	< 2.53 U	< 5 U	
Selenium	7782-49-2	ug/L	< 2.53 U			
Silver	7440-22-4	ug/L	< 0.333 U	< 0.333 U	< 10 U	

		Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Silver	7440-22-4	ug/L	< 0.333 U			
Sodium	7440-23-5	ug/L	20500	20600	35000	
Sodium	7440-23-5	ug/L	20500			
Thallium	7440-28-0	ug/L	< 125 U	< 125 U	< 10 U	
Thallium	7440-28-0	ug/L	< 125 U			
Vanadium	7440-62-2	ug/L	< 27.6 U	< 27.6 U	< 50 U	
Vanadium	7440-62-2	ug/L	< 27.6 U			
Zinc	7440-66-6	ug/L	< 18 U	37.5	< 20 U	
Zinc	7440-66-6	ug/L	32.6			
Other						
1,4-Oxathiane	15980-15-1	ug/L	< 27 U	< 27 U		
Diisopropyl methylphosphonate	1445-75-6	ug/L	< 21 U	< 21 U		
Dimethylmethylphosphonate	756-79-6	ug/L	< 130 U	< 130 U		
Dithiane	51330-42-8	ug/L	< 3.3 U	< 3.3 U		
PCBs						
Aroclor 1016	12674-11-2	ug/L				
Aroclor 1221	11104-28-2	ug/L				
Aroclor 1232	11141-16-5	ug/L				
Aroclor 1242	53469-21-9	ug/L				
Aroclor 1248	12672-29-6	ug/L				
Aroclor 1254	11097-69-1	ug/L				
Aroclor 1260	11096-82-5	ug/L				
Pesticides						
4,4'-DDD	72-54-8	ug/L	< 18 U	< 18 U		
4,4'-DDD	72-54-8	ug/L				
4,4'-DDE	72-55-9	ug/L	< 14 U	< 14 U		
4,4'-DDE	72-55-9	ug/L				
4,4'-DDT	50-29-3	ug/L	< 18 U	< 18 U		
4,4'-DDT	50-29-3	ug/L				
Aldrin	309-00-2	ug/L	< 13 U	< 13 U		
Aldrin	309-00-2	ug/L				
alpha-BHC	319-84-6	ug/L	< 5.3 U	< 5.3 U		
alpha-BHC	319-84-6	ug/L				
Atrazine	1912-24-9	ug/L	< 5.9 U	< 5.9 U		
beta-BHC	319-85-7	ug/L	< 17 U	< 17 U		
beta-BHC	319-85-7	ug/L				
Bromacil	314-40-9	ug/L	< 2.9 U	< 2.9 U		
Chlordane	57-74-9	ug/L	< 37 U	< 37 U		

		Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Chlordane	57-74-9	ug/L				
delta-BHC	319-86-8	ug/L				
Dieldrin	60-57-1	ug/L	< 26 U	< 26 U		
Dieldrin	60-57-1	ug/L				
Endosulfan I	959-98-8	ug/L	< 23 U	< 23 U		
Endosulfan I	959-98-8	ug/L				
Endosulfan II	33213-65-9	ug/L	< 42 U	< 42 U		
Endosulfan II	33213-65-9	ug/L				
Endosulfan sulfate	1031-07-8	ug/L	< 50 U	< 50 U		
Endosulfan sulfate	1031-07-8	ug/L				
Endrin	72-20-8	ug/L	< 18 U	< 18 U		
Endrin	72-20-8	ug/L				
Endrin aldehyde	7421-93-4	ug/L	< 5 U	< 5 U		
Endrin aldehyde	7421-93-4	ug/L				
Endrin ketone	53494-70-5	ug/L				
gamma-BHC (Lindane)	58-89-9	ug/L	< 7.2 U	< 7.2 U		
gamma-BHC (Lindane)	58-89-9	ug/L				
Heptachlor	76-44-8	ug/L	< 38 U	< 38 U		
Heptachlor	76-44-8	ug/L				
Heptachlor epoxide	1024-57-3	ug/L	< 28 U	< 28 U		
Heptachlor epoxide	1024-57-3	ug/L				
Isodrin	465-73-6	ug/L	< 7.8 U	< 7.8 U		
Isodrin	465-73-6	ug/L				
Malathion	121-75-5	ug/L	< 21 U	< 21 U		
Methoxychlor	72-43-5	ug/L	< 11 U	< 11 U		
Methoxychlor	72-43-5	ug/L				
Mirex	2385-85-5	ug/L	< 24 U	< 24 U		
Parathion	56-38-2	ug/L	< 37 U	< 37 U		
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	< 10 U	< 10 U		
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	< 5.3 U	< 5.3 U		
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	< 15 U	< 15 U		
Supona	470-90-6	ug/L	< 19 U	< 19 U		
Toxaphene	8001-35-2	ug/L				
Vapona	62-73-7	ug/L	< 8.5 U	< 8.5 U		

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
		Unit				
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1.5 U	< 1.5 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 2.4 U	< 2.4 U		
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.2 U	< 1.2 U		
1,2-Diphenylhydrazine	122-66-7	ug/L	< 13 U	< 13 U		
1,3-Dichlorobenzene	541-73-1	ug/L	< 3.4 U	< 3.4 U		
1,3-Dichlorobenzene	541-73-1	ug/L	< 1 U	< 1 U		
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.5 U	< 1.5 U		
2,4,5-Trichlorophenol	95-95-4	ug/L	< 2.8 U	< 2.8 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	< 3.6 U	< 3.6 U		
2,4-Dichlorophenol	120-83-2	ug/L	< 8.4 U	< 8.4 U		
2,4-Dimethylphenol	105-67-9	ug/L	< 4.4 U	< 4.4 U		
2,4-Dinitrophenol	51-28-5	ug/L	< 180 U	< 180 U		
2,6-Dinitroaniline	606-22-4	ug/L	< 8.8 U	< 8.8 U		
2-Chloronaphthalene	91-58-7	ug/L	< 2.6 U	< 2.6 U		
2-Chlorophenol	95-57-8	ug/L	< 2.8 U	< 2.8 U		
2-Methylnaphthalene	91-57-6	ug/L	< 1.3 U	< 1.3 U		
2-Methylphenol	95-48-7	ug/L	< 3.6 U	< 3.6 U		
2-Nitroaniline	88-74-4	ug/L				
2-Nitrophenol	88-75-5	ug/L	< 8.2 U	< 8.2 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 5 U	< 5 U		
3,5-Dinitroaniline	618-87-1	ug/L	< 21 U	< 21 U		
3-Nitroaniline	99-09-2	ug/L	< 15 U	< 15 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L				
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 22 U	< 22 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	< 8.5 U	< 8.5 U		
4-Chloroaniline	106-47-8	ug/L				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 23 U	< 23 U		
4-Methylphenol	106-44-5	ug/L	< 2.8 U#	< 2.8 U#		
4-Nitroaniline	100-01-6	ug/L				
4-Nitrophenol	100-02-7	ug/L	< 96 U	< 96 U		
Acenaphthene	83-32-9	ug/L	< 5.8 U	< 5.8 U		
Acenaphthylene	208-96-8	ug/L	< 5.1 U	< 5.1 U		
Anthracene	120-12-7	ug/L	< 5.2 U	< 5.2 U		
Benz(a)anthracene	56-55-3	ug/L	< 9.8 U	< 9.8 U		
Benzo(a)pyrene	50-32-8	ug/L	< 14 U	< 14 U		
Benzo(b)fluoranthene	205-99-2	ug/L	< 10 U	< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	< 15 U	< 15 U		

		Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Benzo(k)fluoranthene	207-08-9	ug/L	< 10 U	< 10 U		
Benzyl alcohol	100-51-6	ug/L	< 4 U	< 4 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 6.8 U	< 6.8 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 0.68 U	< 0.68 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5 U	< 5 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 7.7 U	< 7.7 U		
Butylbenzyl phthalate	85-68-7	ug/L	< 28 U	< 28 U		
Carbazole	86-74-8	ug/L				
Chrysene	218-01-9	ug/L	< 7.4 U	< 7.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	< 12 U	< 12 U		
Dibenzofuran	132-64-9	ug/L	< 5.1 U	< 5.1 U		
Dichlorobenzenes	25321-22-6	ug/L	< 2 U	< 2 U		
Dicyclopentadiene	77-73-6	ug/L	< 5.5 U	< 5.5 U		
Diethylphthalate	84-66-2	ug/L	< 5.9 U	< 5.9 U		
Dimethylphthalate	131-11-3	ug/L	< 2.2 U	< 2.2 U		
di-n-Butylphthalate	84-74-2	ug/L	< 33 U	< 33 U		
di-n-Octylphthalate	117-84-0	ug/L	< 1.5 U	< 1.5 U		
Fluoranthene	206-44-0	ug/L	< 24 U	< 24 U		
Fluorene	86-73-7	ug/L	< 9.2 U	< 9.2 U		
Hexachlorobenzene	118-74-1	ug/L	< 12 U	< 12 U		
Hexachlorobutadiene	87-68-3	ug/L	< 8.7 U	< 8.7 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	< 54 U	< 54 U		
Hexachloroethane	67-72-1	ug/L	< 8.3 U	< 8.3 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 21 U	< 21 U		
Isophorone	78-59-1	ug/L	< 2.4 U	< 2.4 U		
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U		
N-Nitrosodimethylamine	62-75-9	ug/L	< 9.7 U	< 9.7 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 6.8 U	< 6.8 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3.7 U	< 3.7 U		
Pentachlorophenol	87-86-5	ug/L	< 9.1 U	< 9.1 U		
Phenanthrene	85-01-8	ug/L	< 9.9 U	< 9.9 U		
Phenol	108-95-2	ug/L	< 2.2 U	< 2.2 U		
Pyrene	129-00-0	ug/L	< 17 U	< 17 U		
TPH						
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L				

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
		Unit				
VOC						
1,1,1,2-Tetrachloroethane	630-20-6	ug/L				
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	1.9 B	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L			0.26 J	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene	563-58-6	ug/L				
1,2,3-Trichlorobenzene	87-61-6	ug/L	< 5.8 U	< 5.8 U		
1,2,3-Trichloropropane	96-18-4	ug/L				
1,2,4-Trimethylbenzene	95-63-6	ug/L				
1,2-Dibromoethane	106-93-4	ug/L				
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	0.5 J	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 5 U	< 5 U		
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L				
1,3-Dichloropropane	142-28-9	ug/L	< 4.8 U	< 4.8 U		
2,2-dichloropropane	594-20-7	ug/L				
2,3,6-Trichlorophenol	933-75-5	ug/L	< 1.7 U	< 1.7 U		
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	< 3.5 U	< 3.5 U		
2-Chlorotoluene	95-49-8	ug/L				
2-Hexanone	591-78-6	ug/L			< 10 U	< 10 U
4-Chlorotoluene	106-43-4	ug/L				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 1.4 U	< 1.4 U	< 10 U	< 5 U
Acetone	67-64-1	ug/L	< 8 U	< 8 U	< 10 U	< 10 UJ
Acetonitrile	75-05-8	ug/L			< 20 U	< 20 R
Acrylonitrile	107-13-1	ug/L	< 8.4 U	< 8.4 U		
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 11 U	< 11 U	< 1 U	< 1 UJ
Bromomethane	74-83-9	ug/L	< 14 U	< 14 U	< 2 U	< 2 UJ
Butyl benzene	104-51-8	ug/L				
Carbon disulfide	75-15-0	ug/L			< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 1 (U)	< 1 U
Chlorobromomethane	74-97-5	ug/L				
Chloroethane	75-00-3	ug/L	< 8 U	< 8 U	< 2 U	< 2 UJ

		Site Name	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-1
		Sample Date	5/2/1994	7/28/1994	7/26/1999	2/4/2002
		Depth Interval	21 - 31	21 - 31	21 - 31	21 - 31
		Sample ID	MW138-1(19940502)	MW138-1(19940728)	MW138-1(19990726)	MW138-1(20020204)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Chloroform	67-66-3	ug/L	< 1 U	< 1 U	0.47 J	< 1 (U)
Chloromethane	74-87-3	ug/L	< 1.2 U	< 1.2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L			< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L			< 1 U	< 1 U
Cymene	99-87-6	ug/L				
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 1 U	< 1 UJ
Dibromochloropropane	96-12-8	ug/L	< 12 U	< 12 U		
Dichlorodifluoromethane	75-71-8	ug/L			< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L				
Methyl tert-Butyl ether	1634-04-4	ug/L				
Methylene bromide	74-95-3	ug/L				
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Monobromobenzene	108-86-1	ug/L				
m-Xylenes	108-38-3	ug/L	< 1 U	< 1 U		
n-Propylbenzene	103-65-1	ug/L				
sec-Butylbenzene	135-98-8	ug/L				
Styrene	100-42-5	ug/L			< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L				< 50 R
tert-Butylbenzene	98-06-6	ug/L				
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1 U	0.41 J	14
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L			< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L			< 1 U	< 1 UJ
Trichloroethene	79-01-6	ug/L	8	3.8	2.2	0.9 J
Trichlorofluoromethane	75-69-4	ug/L	< 1 U	< 1 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	< 12 U	< 12 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	< 2 U	< 2 U	< 1 U	< 1 U
WetChem						
Ammonia	7664-41-7	ug/L				
Chloride	16887-00-6	ug/L				
Cyanide	57-12-5	ug/L	< 5 U	< 5 U		
Dissolved Organic Carbon	DOC	ug/L				
Nitrate	14797-55-8	ug/L				
Nitrite	14797-65-0	ug/L				
Sulfate	14808-79-8	ug/L				
Sulfide	18496-25-8	ug/L				

		Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Alcohol					
Methanol	67-56-1	ug/L			
Dissolved Gas					
Ethane	74-84-0	ug/L			
Ethene	74-85-1	ug/L			
Hydrogen	1333-74-0	nM			
Methane	74-82-8	ug/L			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U	< 0.21 U	< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U	< 0.458 U	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	1.8	< 0.426 U	< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	1.1		
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U		
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U	< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	1.8		
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U		
DNX	80251-29-2	ug/L			
HMX	2691-41-0	ug/L	0.25 J	< 0.533 U	< 0.533 U
MNX	5755-27-1	ug/L			
Nitrobenzene	98-95-3	ug/L	< 0.2 U	< 3.7 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L		< 0.682 U	< 0.682 U
Nitrocellulose	9004-70-0	ug/L		< 222 U	1680
Nitroglycerin	55-63-0	ug/L		< 1.49 U	< 1.49 U
Nitroguanidine	556-88-7	ug/L			
Perchlorate	14797-73-0	ug/L			
PETN	78-11-5	ug/L		< 2 U	< 2 U
RDX	121-82-4	ug/L	1.8	0.62	< 0.416 U
Tetryl	479-45-8	ug/L	< 0.2 U	< 0.631 U	< 0.631 U
TNX	13980-04-6	ug/L			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U	< 0.397 U	< 0.397 U
2,4-Dinitrotoluene	121-14-2	ug/L		< 5.8 U	< 5.8 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U	< 0.6 U	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L		< 6.7 U	< 0.6 U

		Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Metals					
Aluminum	7429-90-5	ug/L		3260	17800
Aluminum	7429-90-5	ug/L		< 112 U	
Antimony	7440-36-0	ug/L		< 60 U	< 60 U
Antimony	7440-36-0	ug/L		< 60 U	
Arsenic	7440-38-2	ug/L		< 2.35 U	4.42
Arsenic	7440-38-2	ug/L		< 2.35 U	
Barium	7440-39-3	ug/L		28.1	138
Barium	7440-39-3	ug/L		53	
Beryllium	7440-41-7	ug/L		< 1.12 U	1.61
Beryllium	7440-41-7	ug/L		< 1.12 U	
Cadmium	7440-43-9	ug/L		< 6.78 U	< 6.78 U
Cadmium	7440-43-9	ug/L		< 6.78 U	
Calcium	7440-70-2	ug/L		15800	14600
Calcium	7440-70-2	ug/L		15300	
Chromium	7440-47-3	ug/L		< 16.8 U	77.6
Chromium	7440-47-3	ug/L		19.7	
Cobalt	7440-48-4	ug/L		< 25 U	25.8
Cobalt	7440-48-4	ug/L		< 25 U	
Copper	7440-50-8	ug/L		< 18.8 U	83.9
Copper	7440-50-8	ug/L		< 18.8 U	
Iron	7439-89-6	ug/L		1960	81400
Iron	7439-89-6	ug/L		26200	
Lead	7439-92-1	ug/L		< 4.47 U	16.7
Lead	7439-92-1	ug/L		< 4.47 U	
Magnesium	7439-95-4	ug/L		5350	8730
Magnesium	7439-95-4	ug/L		6070	
Manganese	7439-96-5	ug/L		659	1070
Manganese	7439-96-5	ug/L		875	
Mercury	7439-97-6	ug/L		< 0.1 U	< 0.1 U
Mercury	7439-97-6	ug/L		< 0.1 U	
Nickel	7440-02-0	ug/L		< 32.1 U	< 32.1 U
Nickel	7440-02-0	ug/L		< 32.1 U	
Potassium	7440-09-7	ug/L		1880	3800
Potassium	7440-09-7	ug/L		< 1240 U	
Selenium	7782-49-2	ug/L		< 2.53 U	< 2.53 U
Selenium	7782-49-2	ug/L		< 2.53 U	
Silver	7440-22-4	ug/L		< 0.333 U	< 0.333 U

		Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Silver	7440-22-4	ug/L		< 0.333 U	
Sodium	7440-23-5	ug/L		28200	25700
Sodium	7440-23-5	ug/L		27700	
Thallium	7440-28-0	ug/L		< 125 U	< 125 U
Thallium	7440-28-0	ug/L		< 125 U	
Vanadium	7440-62-2	ug/L		< 27.6 U	38.9
Vanadium	7440-62-2	ug/L		< 27.6 U	
Zinc	7440-66-6	ug/L		23.4	90.8
Zinc	7440-66-6	ug/L		< 18 U	
Other					
1,4-Oxathiane	15980-15-1	ug/L		< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L		< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L		< 130 U	< 130 U
Dithiane	51330-42-8	ug/L		< 3.3 U	< 3.3 U
PCBs					
Aroclor 1016	12674-11-2	ug/L		< 0.385 U	< 0.385 U
Aroclor 1221	11104-28-2	ug/L		< 0.385 UT	< 0.385 UT
Aroclor 1232	11141-16-5	ug/L		< 0.385 UT	< 0.385 UT
Aroclor 1242	53469-21-9	ug/L		< 0.385 UT	< 0.385 UT
Aroclor 1248	12672-29-6	ug/L		< 0.385 UT	< 0.385 UT
Aroclor 1254	11097-69-1	ug/L		< 0.176 UT	< 0.176 UT
Aroclor 1260	11096-82-5	ug/L		< 0.176 U	< 0.176 U
Pesticides					
4,4'-DDD	72-54-8	ug/L		< 18 U	< 18 U
4,4'-DDD	72-54-8	ug/L		< 0.81 U	< 0.81 U
4,4'-DDE	72-55-9	ug/L		< 14 U	< 14 U
4,4'-DDE	72-55-9	ug/L		< 0.39 U	< 0.39 U
4,4'-DDT	50-29-3	ug/L		< 18 U	< 0.25 U
4,4'-DDT	50-29-3	ug/L		< 0.25 U	< 18 U
Aldrin	309-00-2	ug/L		< 0.74 U	< 13 U
Aldrin	309-00-2	ug/L		< 13 U	< 0.74 U
alpha-BHC	319-84-6	ug/L		< 0.25 U	< 5.3 U
alpha-BHC	319-84-6	ug/L		< 5.3 U	< 0.25 U
Atrazine	1912-24-9	ug/L		< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L		< 17 U	< 17 U
beta-BHC	319-85-7	ug/L		< 0.99 U	< 0.99 U
Bromacil	314-40-9	ug/L		< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L		< 37 U	< 37 U

		Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlordane	57-74-9	ug/L		< 0.0312 U	< 0.0312 U
delta-BHC	319-86-8	ug/L		< 0.34 U	< 0.34 U
Dieldrin	60-57-1	ug/L		< 0.74 UJ	< 26 U
Dieldrin	60-57-1	ug/L		< 26 U	< 0.74 U
Endosulfan I	959-98-8	ug/L		< 23 U	< 0.25 U
Endosulfan I	959-98-8	ug/L		< 0.25 UJ	< 23 U
Endosulfan II	33213-65-9	ug/L		< 0.77 U	< 42 U
Endosulfan II	33213-65-9	ug/L		< 42 U	< 0.77 U
Endosulfan sulfate	1031-07-8	ug/L		< 0.25 UT	0.49 N
Endosulfan sulfate	1031-07-8	ug/L		< 50 U	< 50 U
Endrin	72-20-8	ug/L		< 18 U	< 18 U
Endrin	72-20-8	ug/L		< 0.0176 U	< 0.0176 U
Endrin aldehyde	7421-93-4	ug/L		< 0.0504 U	< 0.0504 U
Endrin aldehyde	7421-93-4	ug/L		< 5 U	< 5 U
Endrin ketone	53494-70-5	ug/L		< 0.25 UT	< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L		< 7.2 U	< 0.25 U
gamma-BHC (Lindane)	58-89-9	ug/L		< 0.25 UJ	< 7.2 U
Heptachlor	76-44-8	ug/L		< 0.25 UJ	< 0.25 U
Heptachlor	76-44-8	ug/L		< 38 U	< 38 U
Heptachlor epoxide	1024-57-3	ug/L		< 0.63 U	< 28 U
Heptachlor epoxide	1024-57-3	ug/L		< 28 U	< 0.63 U
Isodrin	465-73-6	ug/L		< 7.8 U	< 7.8 U
Isodrin	465-73-6	ug/L		< 0.25 U	< 0.25 U
Malathion	121-75-5	ug/L		< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L		< 0.075 U	< 11 U
Methoxychlor	72-43-5	ug/L		< 11 U	< 0.075 U
Mirex	2385-85-5	ug/L		< 24 U	< 24 U
Parathion	56-38-2	ug/L		< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L		< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L		< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L		< 15 U	< 15 U
Supona	470-90-6	ug/L		< 19 U	< 19 U
Toxaphene	8001-35-2	ug/L		< 1.64 U	< 1.64 U
Vapona	62-73-7	ug/L		< 8.5 U	< 8.5 U

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
		Unit			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1.5 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L		< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L		< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L		< 1 U	< 1 U
1,3-Dichlorobenzene	541-73-1	ug/L		< 3.4 U	< 3.4 U
1,4-Dichlorobenzene	106-46-7	ug/L		< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L		< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L		< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L		< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L		< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L		< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L		< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L		< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L		< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L		< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L		< 3.6 U	< 3.6 U
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L		< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L		< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L		< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L		< 15 U	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L		< 8.5 U	< 8.5 U
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L		< 2.8 U#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L		< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L		< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L		< 5.1 U	< 5.1 U
Anthracene	120-12-7	ug/L		< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L		< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L		< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L		< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L		< 15 U	< 15 U

		Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L		< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L		< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L		< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L		< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L		< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L		< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L		< 28 U	< 28 U
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L		< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L		< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L		< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L		< 2 U	< 2 U
Dicyclopentadiene	77-73-6	ug/L		< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L		< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L		< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L		< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L		< 1.5 U	< 1.5 U
Fluoranthene	206-44-0	ug/L		< 24 U	< 24 U
Fluorene	86-73-7	ug/L		< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L		< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L		< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L		< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L		< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L		< 21 U	< 21 U
Isophorone	78-59-1	ug/L		< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L		< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L		< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L		< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L		< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L		< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L		< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L		< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L		< 17 U	< 17 U
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
		Unit			
VOC					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L			
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	1.9	1.7 B
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U		
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene	563-58-6	ug/L			
1,2,3-Trichlorobenzene	87-61-6	ug/L		< 5.8 U	< 5.8 U
1,2,3-Trichloropropane	96-18-4	ug/L			
1,2,4-Trimethylbenzene	95-63-6	ug/L			
1,2-Dibromoethane	106-93-4	ug/L			
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L		< 5 U	< 5 U
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L			
1,3-Dichloropropane	142-28-9	ug/L		< 4.8 U	< 4.8 U
2,2-dichloropropane	594-20-7	ug/L			
2,3,6-Trichlorophenol	933-75-5	ug/L		< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L		< 3.5 U	< 3.5 U
2-Chlorotoluene	95-49-8	ug/L			
2-Hexanone	591-78-6	ug/L	< 10 U		
4-Chlorotoluene	106-43-4	ug/L			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 1.4 U	< 1.4 U
Acetone	67-64-1	ug/L	< 10 U	< 8 U	< 8 U
Acetonitrile	75-05-8	ug/L	< 20 U		
Acrylonitrile	107-13-1	ug/L		< 8.4 U	< 8.4 U
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 11 U	< 11 U
Bromomethane	74-83-9	ug/L	< 2 U	< 14 U	< 14 U
Butyl benzene	104-51-8	ug/L			
Carbon disulfide	75-15-0	ug/L	< 1 U		
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 1 U
Chlorobromomethane	74-97-5	ug/L			
Chloroethane	75-00-3	ug/L	< 2 U	< 8 U	< 8 U

		Site Name	138	138	138
		Location ID	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/19/2003	5/2/1994	7/28/1994
		Depth Interval	21 - 31	15 - 25	15 - 25
		Sample ID	MW138-1(20031119)	MW138-2(19940502)	MW138-2(19940728)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chloroform	67-66-3	ug/L	0.68 J	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U	< 1.2 U	< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	0.28 J		
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U		
Cymene	99-87-6	ug/L			
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L		< 12 U	< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U		
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L			
Methyl tert-Butyl ether	1634-04-4	ug/L			
Methylene bromide	74-95-3	ug/L			
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	< 1 U
Monobromobenzene	108-86-1	ug/L			
m-Xylenes	108-38-3	ug/L		< 1 U	< 1 U
n-Propylbenzene	103-65-1	ug/L			
sec-Butylbenzene	135-98-8	ug/L			
Styrene	100-42-5	ug/L	< 1 U		
tert-Butylalcohol	75-65-0	ug/L			
tert-Butylbenzene	98-06-6	ug/L			
Tetrachloroethene	127-18-4	ug/L	5.6	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U		
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U		
Trichloroethene	79-01-6	ug/L	1.2	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 1 U	< 1 U
Vinyl chloride	75-01-4	ug/L	< 2 U	< 12 U	< 12 U
Xylenes	1330-20-7	ug/L	< 1 U	< 2 U	< 2 U
WetChem					
Ammonia	7664-41-7	ug/L			
Chloride	16887-00-6	ug/L			
Cyanide	57-12-5	ug/L		< 5 U	< 5 U
Dissolved Organic Carbon	DOC	ug/L			
Nitrate	14797-55-8	ug/L			
Nitrite	14797-65-0	ug/L			
Sulfate	14808-79-8	ug/L			
Sulfide	18496-25-8	ug/L			

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
		Unit				
Alcohol						
Methanol	67-56-1	ug/L				
Dissolved Gas						
Ethane	74-84-0	ug/L			< 0.5 U	
Ethene	74-85-1	ug/L			< 0.5 U	
Hydrogen	1333-74-0	nM		1.1		
Methane	74-82-8	ug/L			< 0.5 U	
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U		< 0.2 U	< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U		< 0.2 U	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U		< 0.2 U	< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U		< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U		< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U		< 0.2 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 U		< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U		< 0.2 U	
DNX	80251-29-2	ug/L				
HMX	2691-41-0	ug/L	0.2 J		0.64	< 0.808 UEJ
MNX	5755-27-1	ug/L				
Nitrobenzene	98-95-3	ug/L	< 0.2 U		< 0.2 U	< 0.682 U
Nitrobenzene	98-95-3	ug/L				< 3.7 U
Nitrocellulose	9004-70-0	ug/L	< 500 U			779 B
Nitroglycerin	55-63-0	ug/L	< 2.5 U			< 1.49 U
Nitroguanidine	556-88-7	ug/L	< 20 U			
Perchlorate	14797-73-0	ug/L				
PETN	78-11-5	ug/L	< 2.5 U			< 2 U
RDX	121-82-4	ug/L	< 0.5 U		0.47 J	4.82
Tetryl	479-45-8	ug/L	< 0.2 U		< 0.2 U	< 0.631 U
TNX	13980-04-6	ug/L				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U		< 0.2 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L				< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U		< 0.2 U	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L				< 0.6 U

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
		Unit				
Metals						
Aluminum	7429-90-5	ug/L	1600			< 112 U
Aluminum	7429-90-5	ug/L				< 112 U
Antimony	7440-36-0	ug/L	< 60 U			< 60 U
Antimony	7440-36-0	ug/L				< 60 U
Arsenic	7440-38-2	ug/L	< 10 U			< 2.35 U
Arsenic	7440-38-2	ug/L				< 2.35 U
Barium	7440-39-3	ug/L	38 J			10.9
Barium	7440-39-3	ug/L				13
Beryllium	7440-41-7	ug/L	< 5 U			< 1.12 U
Beryllium	7440-41-7	ug/L				< 1.12 U
Cadmium	7440-43-9	ug/L	< 5 U			< 6.78 U
Cadmium	7440-43-9	ug/L				< 6.78 U
Calcium	7440-70-2	ug/L	12900			29900
Calcium	7440-70-2	ug/L				30700
Chromium	7440-47-3	ug/L	31			< 16.8 U
Chromium	7440-47-3	ug/L				< 16.8 U
Cobalt	7440-48-4	ug/L	20 J			< 25 U
Cobalt	7440-48-4	ug/L				< 25 U
Copper	7440-50-8	ug/L	4.2 J			< 18.8 U
Copper	7440-50-8	ug/L				< 18.8 U
Iron	7439-89-6	ug/L	13200		540	< 77.5 U
Iron	7439-89-6	ug/L				111
Lead	7439-92-1	ug/L	2.2 J			< 4.47 U
Lead	7439-92-1	ug/L				< 4.47 U
Magnesium	7439-95-4	ug/L	4600 J			12600
Magnesium	7439-95-4	ug/L				12300
Manganese	7439-96-5	ug/L	380			< 9.67 U
Manganese	7439-96-5	ug/L				< 9.67 U
Mercury	7439-97-6	ug/L	< 0.2 U			< 0.1 U
Mercury	7439-97-6	ug/L				0.11
Nickel	7440-02-0	ug/L	23 J			< 32.1 U
Nickel	7440-02-0	ug/L				< 32.1 U
Potassium	7440-09-7	ug/L	1100 J			1590
Potassium	7440-09-7	ug/L				< 1240 U
Selenium	7782-49-2	ug/L	< 5 U			< 2.53 U
Selenium	7782-49-2	ug/L				< 2.53 U
Silver	7440-22-4	ug/L	< 10 U			< 0.333 U

Chemical Name	CAS No	Unit	Site Name: 138	138	138	138
			Location ID: F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
			Sample Date: 8/4/1999	10/21/2003	11/12/2003	11/4/1993
			Depth Interval: 15 - 25	15 - 25	15 - 25	75 - 85
			Sample ID: MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
			Sample Matrix: WG	WG	WG	WG
Silver	7440-22-4	ug/L				< 0.333 U
Sodium	7440-23-5	ug/L	26700			20300
Sodium	7440-23-5	ug/L				20900
Thallium	7440-28-0	ug/L	< 10 U			< 125 U
Thallium	7440-28-0	ug/L				< 125 U
Vanadium	7440-62-2	ug/L	< 50 U			< 27.6 U
Vanadium	7440-62-2	ug/L				< 27.6 U
Zinc	7440-66-6	ug/L	< 20 U			41
Zinc	7440-66-6	ug/L				33.8
Other						
1,4-Oxathiane	15980-15-1	ug/L				< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L				< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L				< 130 U
Dithiane	51330-42-8	ug/L				< 3.3 U
PCBs						
Aroclor 1016	12674-11-2	ug/L				
Aroclor 1221	11104-28-2	ug/L				
Aroclor 1232	11141-16-5	ug/L				
Aroclor 1242	53469-21-9	ug/L				
Aroclor 1248	12672-29-6	ug/L				
Aroclor 1254	11097-69-1	ug/L				
Aroclor 1260	11096-82-5	ug/L				
Pesticides						
4,4'-DDD	72-54-8	ug/L				< 18 U
4,4'-DDD	72-54-8	ug/L				
4,4'-DDE	72-55-9	ug/L				< 14 U
4,4'-DDE	72-55-9	ug/L				
4,4'-DDT	50-29-3	ug/L				< 18 U
4,4'-DDT	50-29-3	ug/L				
Aldrin	309-00-2	ug/L				< 13 U
Aldrin	309-00-2	ug/L				
alpha-BHC	319-84-6	ug/L				< 5.3 U
alpha-BHC	319-84-6	ug/L				
Atrazine	1912-24-9	ug/L				< 5.9 U
beta-BHC	319-85-7	ug/L				< 17 U
beta-BHC	319-85-7	ug/L				
Bromacil	314-40-9	ug/L				< 2.9 U
Chlordane	57-74-9	ug/L				< 37 U

		Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Chlordane	57-74-9	ug/L				
delta-BHC	319-86-8	ug/L				
Dieldrin	60-57-1	ug/L				< 26 U
Dieldrin	60-57-1	ug/L				
Endosulfan I	959-98-8	ug/L				< 23 U
Endosulfan I	959-98-8	ug/L				
Endosulfan II	33213-65-9	ug/L				< 42 U
Endosulfan II	33213-65-9	ug/L				
Endosulfan sulfate	1031-07-8	ug/L				< 50 U
Endosulfan sulfate	1031-07-8	ug/L				
Endrin	72-20-8	ug/L				< 18 U
Endrin	72-20-8	ug/L				
Endrin aldehyde	7421-93-4	ug/L				< 5 U
Endrin aldehyde	7421-93-4	ug/L				
Endrin ketone	53494-70-5	ug/L				
gamma-BHC (Lindane)	58-89-9	ug/L				< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L				
Heptachlor	76-44-8	ug/L				< 38 U
Heptachlor	76-44-8	ug/L				
Heptachlor epoxide	1024-57-3	ug/L				< 28 U
Heptachlor epoxide	1024-57-3	ug/L				
Isodrin	465-73-6	ug/L				< 7.8 U
Isodrin	465-73-6	ug/L				
Malathion	121-75-5	ug/L				< 21 U
Methoxychlor	72-43-5	ug/L				< 11 U
Methoxychlor	72-43-5	ug/L				
Mirex	2385-85-5	ug/L				< 24 U
Parathion	56-38-2	ug/L				< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L				< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L				< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L				< 15 U
Supona	470-90-6	ug/L				< 19 U
Toxaphene	8001-35-2	ug/L				
Vapona	62-73-7	ug/L				< 8.5 U

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
		Unit				
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U		< 1 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L				< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L				< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L				< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L				< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L				< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L				< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L				< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L				< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L				< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L				< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L				< 180 U
2,6-Dinitroaniline	606-22-4	ug/L				< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L				< 2.6 U
2-Chlorophenol	95-57-8	ug/L				< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L				< 1.3 U
2-Methylphenol	95-48-7	ug/L				< 3.6 U
2-Nitroaniline	88-74-4	ug/L				
2-Nitrophenol	88-75-5	ug/L				< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L				< 5 U
3,5-Dinitroaniline	618-87-1	ug/L				< 21 U
3-Nitroaniline	99-09-2	ug/L				< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L				
4-Bromophenyl phenyl ether	101-55-3	ug/L				< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L				< 8.5 U
4-Chloroaniline	106-47-8	ug/L				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L				< 23 U
4-Methylphenol	106-44-5	ug/L				< 2.8 U#
4-Nitroaniline	100-01-6	ug/L				
4-Nitrophenol	100-02-7	ug/L				< 96 U
Acenaphthene	83-32-9	ug/L				< 5.8 U
Acenaphthylene	208-96-8	ug/L				< 5.1 U
Anthracene	120-12-7	ug/L				< 5.2 U
Benz(a)anthracene	56-55-3	ug/L				< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L				< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L				< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L				< 15 U

		Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Benzo(k)fluoranthene	207-08-9	ug/L				< 10 U
Benzyl alcohol	100-51-6	ug/L				< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L				< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L				< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L				< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L				< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L				< 28 U
Carbazole	86-74-8	ug/L				
Chrysene	218-01-9	ug/L				< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L				< 12 U
Dibenzofuran	132-64-9	ug/L				< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L				< 2 U
Dicyclopentadiene	77-73-6	ug/L				< 5.5 U
Diethylphthalate	84-66-2	ug/L				< 5.9 U
Dimethylphthalate	131-11-3	ug/L				< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L				< 33 U
di-n-Octylphthalate	117-84-0	ug/L				< 1.5 U
Fluoranthene	206-44-0	ug/L				< 24 U
Fluorene	86-73-7	ug/L				< 9.2 U
Hexachlorobenzene	118-74-1	ug/L				< 12 U
Hexachlorobutadiene	87-68-3	ug/L				< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L				< 54 U
Hexachloroethane	67-72-1	ug/L				< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L				< 21 U
Isophorone	78-59-1	ug/L				< 2.4 U
Naphthalene	91-20-3	ug/L				< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L				< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L				< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L				< 3.7 U
Pentachlorophenol	87-86-5	ug/L				< 9.1 U
Phenanthrene	85-01-8	ug/L				< 9.9 U
Phenol	108-95-2	ug/L				< 2.2 U
Pyrene	129-00-0	ug/L				< 17 U
TPH						
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L				

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
		Unit				
VOC						
1,1,1,2-Tetrachloroethane	630-20-6	ug/L				
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U		< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U		< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U		< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U		< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U		< 1 U	< 1 U
1,1-Dichloropropene	563-58-6	ug/L				
1,2,3-Trichlorobenzene	87-61-6	ug/L				< 5.8 U
1,2,3-Trichloropropane	96-18-4	ug/L				
1,2,4-Trimethylbenzene	95-63-6	ug/L				
1,2-Dibromoethane	106-93-4	ug/L				
1,2-Dichloroethane	107-06-2	ug/L	< 1 U		< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L				< 5 U
1,2-Dichloropropane	78-87-5	ug/L	< 1 U		< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L				
1,3-Dichloropropane	142-28-9	ug/L				< 4.8 U
2,2-dichloropropane	594-20-7	ug/L				
2,3,6-Trichlorophenol	933-75-5	ug/L				< 1.7 U
2-Butanone	78-93-3	ug/L	< 10 U		< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L				< 3.5 U
2-Chlorotoluene	95-49-8	ug/L				
2-Hexanone	591-78-6	ug/L	< 10 U		< 10 U	
4-Chlorotoluene	106-43-4	ug/L				
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 10 U		< 5 U	< 1.4 U
Acetone	67-64-1	ug/L	< 10 U		< 10 (U)	< 8 U
Acetonitrile	75-05-8	ug/L	< 20 U		< 20 U	
Acrylonitrile	107-13-1	ug/L				< 8.4 U
Benzene	71-43-2	ug/L	< 1 U		< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U		< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U		< 1 U	< 11 U
Bromomethane	74-83-9	ug/L	< 2 U		< 2 U	< 14 U
Butyl benzene	104-51-8	ug/L				
Carbon disulfide	75-15-0	ug/L	< 1 U		< 1 U	
Carbon tetrachloride	56-23-5	ug/L	< 1 U		< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U		< 1 U	< 1 U
Chlorobromomethane	74-97-5	ug/L				
Chloroethane	75-00-3	ug/L	< 2 U		< 2 U	< 8 U

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-MW138-2	F-PW-410
		Sample Date	8/4/1999	10/21/2003	11/12/2003	11/4/1993
		Depth Interval	15 - 25	15 - 25	15 - 25	75 - 85
		Sample ID	MW138-2(19990804)	MW138-2(20031021)	MW138-2(20031112)	410(19931104)
		Sample Matrix	WG	WG	WG	WG
		Unit				
Chloroform	67-66-3	ug/L	< 1 U		< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U		< 2 U	< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U		< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U		< 1 U	
Cymene	99-87-6	ug/L				
Dibromochloromethane	124-48-1	ug/L	< 1 U		< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L				< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U		< 2 U	
Ethyl benzene	100-41-4	ug/L	< 1 U		< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L				
Methyl tert-Butyl ether	1634-04-4	ug/L				
Methylene bromide	74-95-3	ug/L				
Methylene chloride	75-09-2	ug/L	< 1 U		< 1 U	< 1 U
Monobromobenzene	108-86-1	ug/L				
m-Xylenes	108-38-3	ug/L				< 1 U
n-Propylbenzene	103-65-1	ug/L				
sec-Butylbenzene	135-98-8	ug/L				
Styrene	100-42-5	ug/L	< 1 U		< 1 U	
tert-Butylalcohol	75-65-0	ug/L				
tert-Butylbenzene	98-06-6	ug/L				
Tetrachloroethene	127-18-4	ug/L	0.4 J		0.41 J	< 1 U
Toluene	108-88-3	ug/L	< 1 U		< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U		< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U		< 1 U	
Trichloroethene	79-01-6	ug/L	0.2 J		< 1 U	3.3
Trichlorofluoromethane	75-69-4	ug/L	< 2 U		< 2 U	< 1 U
Vinyl chloride	75-01-4	ug/L	< 2 U		< 2 U	< 12 U
Xylenes	1330-20-7	ug/L	< 1 U		< 1 U	< 2 U
WetChem						
Ammonia	7664-41-7	ug/L			30 J	
Chloride	16887-00-6	ug/L			71100	
Cyanide	57-12-5	ug/L				< 5 U
Dissolved Organic Carbon	DOC	ug/L			< 1000 R	
Nitrate	14797-55-8	ug/L			180 J	
Nitrite	14797-65-0	ug/L			< 500 U	
Sulfate	14808-79-8	ug/L			28900	
Sulfide	18496-25-8	ug/L			< 500 U	

Chemical Name	CAS No	Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
		Unit					
Alcohol							
Methanol	67-56-1	ug/L					
Dissolved Gas							
Ethane	74-84-0	ug/L					
Ethene	74-85-1	ug/L					
Hydrogen	1333-74-0	nM					
Methane	74-82-8	ug/L					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	0.26 NJ		< 0.21 U	< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.458 U		< 0.458 U	0.07 J	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.426 U		< 0.426 U	< 0.2 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L				< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L				< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L		< 2.9 U	< 2.9 U	< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L				< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L				< 0.2 U	< 0.2 U
DNX	80251-29-2	ug/L					
HMX	2691-41-0	ug/L	0.86		< 0.533 U	0.73	0.24 J
MNX	5755-27-1	ug/L					
Nitrobenzene	98-95-3	ug/L	< 0.682 U	< 3.7 U	< 0.682 U	< 0.2 U	< 0.2 U
Nitrobenzene	98-95-3	ug/L			< 3.7 U		
Nitrocellulose	9004-70-0	ug/L	< 222 U		587	< 500 U	
Nitroglycerin	55-63-0	ug/L	< 1.49 U		< 1.49 U	< 2.5 U	< 2.5 U
Nitroguanidine	556-88-7	ug/L				< 20 U	
Perchlorate	14797-73-0	ug/L					< 5 U
PETN	78-11-5	ug/L	< 2 U		< 2 U	< 2.5 U	< 2.5 U
RDX	121-82-4	ug/L	4.42		3.51	2.8	0.85
Tetryl	479-45-8	ug/L	< 0.631 U		< 0.631 U	< 0.2 U	< 0.2 U
TNX	13980-04-6	ug/L					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.397 U	< 5.8 U	< 0.397 U	< 0.2 U	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L			< 5.8 U		
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.6 U	< 6.7 U	< 0.6 U	< 0.2 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L			< 6.7 U		

Chemical Name	CAS No	Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
		Unit					
Metals							
Aluminum	7429-90-5	ug/L	< 112 U		< 112 U	< 200 U	
Aluminum	7429-90-5	ug/L					
Antimony	7440-36-0	ug/L	< 60 U		< 60 U	< 60 U	
Antimony	7440-36-0	ug/L					
Arsenic	7440-38-2	ug/L	< 2.35 U		< 2.35 U	< 10 U	
Arsenic	7440-38-2	ug/L					
Barium	7440-39-3	ug/L	12.3		12.7	12 J	
Barium	7440-39-3	ug/L					
Beryllium	7440-41-7	ug/L	< 1.12 U		1.65	< 5 U	
Beryllium	7440-41-7	ug/L					
Cadmium	7440-43-9	ug/L	< 6.78 U		< 6.78 U	< 5 U	
Cadmium	7440-43-9	ug/L					
Calcium	7440-70-2	ug/L	30900		33800	28200	
Calcium	7440-70-2	ug/L					
Chromium	7440-47-3	ug/L	< 16.8 U		< 16.8 U	< 10 U	
Chromium	7440-47-3	ug/L					
Cobalt	7440-48-4	ug/L	< 25 U		< 25 U	< 50 U	
Cobalt	7440-48-4	ug/L					
Copper	7440-50-8	ug/L	< 18.8 U		20.8	16 J	
Copper	7440-50-8	ug/L					
Iron	7439-89-6	ug/L	< 77.5 U		< 77.5 U	< 100 U	
Iron	7439-89-6	ug/L					
Lead	7439-92-1	ug/L	< 4.47 U		< 4.47 U	< 3 U	
Lead	7439-92-1	ug/L					
Magnesium	7439-95-4	ug/L	12500		14000	10900	
Magnesium	7439-95-4	ug/L					
Manganese	7439-96-5	ug/L	< 9.67 U		< 9.67 U	< 15 U	
Manganese	7439-96-5	ug/L					
Mercury	7439-97-6	ug/L	< 0.1 U		< 0.1 U	< 0.2 U	
Mercury	7439-97-6	ug/L					
Nickel	7440-02-0	ug/L	< 32.1 U		< 32.1 U	< 40 U	
Nickel	7440-02-0	ug/L					
Potassium	7440-09-7	ug/L	< 1240 U		< 1240 U	1000 J	
Potassium	7440-09-7	ug/L					
Selenium	7782-49-2	ug/L	< 2.53 U		< 2.53 U	< 5 U	
Selenium	7782-49-2	ug/L					
Silver	7440-22-4	ug/L	< 0.333 U		< 0.333 U	< 10 U	

Chemical Name	CAS No	Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
		Unit					
Silver	7440-22-4	ug/L					
Sodium	7440-23-5	ug/L	20400		21900	27900	
Sodium	7440-23-5	ug/L					
Thallium	7440-28-0	ug/L	< 125 U		< 125 U	< 10 U	
Thallium	7440-28-0	ug/L					
Vanadium	7440-62-2	ug/L	< 27.6 U		< 27.6 U	< 50 U	
Vanadium	7440-62-2	ug/L					
Zinc	7440-66-6	ug/L	< 18 U		< 18 U	< 20 R	
Zinc	7440-66-6	ug/L					
Other							
1,4-Oxathiane	15980-15-1	ug/L		< 27 U	< 27 U		
Diisopropyl methylphosphonate	1445-75-6	ug/L		< 21 U	< 21 U		
Dimethylmethylphosphonate	756-79-6	ug/L		< 130 U	< 130 U		
Dithiane	51330-42-8	ug/L		< 3.3 U	< 3.3 U		
PCBs							
Aroclor 1016	12674-11-2	ug/L					
Aroclor 1221	11104-28-2	ug/L					
Aroclor 1232	11141-16-5	ug/L					
Aroclor 1242	53469-21-9	ug/L					
Aroclor 1248	12672-29-6	ug/L					
Aroclor 1254	11097-69-1	ug/L					
Aroclor 1260	11096-82-5	ug/L					
Pesticides							
4,4'-DDD	72-54-8	ug/L		< 18 U	< 18 U		
4,4'-DDD	72-54-8	ug/L					
4,4'-DDE	72-55-9	ug/L		< 14 U	< 14 U		
4,4'-DDE	72-55-9	ug/L					
4,4'-DDT	50-29-3	ug/L		< 18 U	< 18 U		
4,4'-DDT	50-29-3	ug/L					
Aldrin	309-00-2	ug/L		< 13 U	< 13 U		
Aldrin	309-00-2	ug/L					
alpha-BHC	319-84-6	ug/L		< 5.3 U	< 5.3 U		
alpha-BHC	319-84-6	ug/L					
Atrazine	1912-24-9	ug/L		< 5.9 U	< 5.9 U		
beta-BHC	319-85-7	ug/L		< 17 U	< 17 U		
beta-BHC	319-85-7	ug/L					
Bromacil	314-40-9	ug/L		< 2.9 U	< 2.9 U		
Chlordane	57-74-9	ug/L		< 37 U	< 37 U		

Chemical Name	CAS No	Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
		Unit					
Chlordane	57-74-9	ug/L					
delta-BHC	319-86-8	ug/L					
Dieldrin	60-57-1	ug/L		< 26 U	< 26 U		
Dieldrin	60-57-1	ug/L					
Endosulfan I	959-98-8	ug/L		< 23 U	< 23 U		
Endosulfan I	959-98-8	ug/L					
Endosulfan II	33213-65-9	ug/L		< 42 U	< 42 U		
Endosulfan II	33213-65-9	ug/L					
Endosulfan sulfate	1031-07-8	ug/L		< 50 U	< 50 U		
Endosulfan sulfate	1031-07-8	ug/L					
Endrin	72-20-8	ug/L		< 18 U	< 18 U		
Endrin	72-20-8	ug/L					
Endrin aldehyde	7421-93-4	ug/L		< 5 U	< 5 U		
Endrin aldehyde	7421-93-4	ug/L					
Endrin ketone	53494-70-5	ug/L					
gamma-BHC (Lindane)	58-89-9	ug/L		< 7.2 U	< 7.2 U		
gamma-BHC (Lindane)	58-89-9	ug/L					
Heptachlor	76-44-8	ug/L		< 38 U	< 38 U		
Heptachlor	76-44-8	ug/L					
Heptachlor epoxide	1024-57-3	ug/L		< 28 U	< 28 U		
Heptachlor epoxide	1024-57-3	ug/L					
Isodrin	465-73-6	ug/L		< 7.8 U	< 7.8 U		
Isodrin	465-73-6	ug/L					
Malathion	121-75-5	ug/L		< 21 U	< 21 U		
Methoxychlor	72-43-5	ug/L		< 11 U	< 11 U		
Methoxychlor	72-43-5	ug/L					
Mirex	2385-85-5	ug/L		< 24 U	< 24 U		
Parathion	56-38-2	ug/L		< 37 U	< 37 U		
p-Chlorophenylmethyl sulfide	123-09-1	ug/L		< 10 U	< 10 U		
p-Chlorophenylmethyl sulfone	98-57-7	ug/L		< 5.3 U	< 5.3 U		
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L		< 15 U	< 15 U		
Supona	470-90-6	ug/L		< 19 U	< 19 U		
Toxaphene	8001-35-2	ug/L					
Vapona	62-73-7	ug/L		< 8.5 U	< 8.5 U		

Chemical Name	CAS No	Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
		Unit					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1.5 U		< 1.5 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 2.4 U	< 2.4 U		< 1 U
1,2-Dichlorobenzene	95-50-1	ug/L		< 1.2 U	< 1.2 U		< 1 U
1,2-Diphenylhydrazine	122-66-7	ug/L		< 13 U	< 13 U		
1,3-Dichlorobenzene	541-73-1	ug/L	< 1 U	< 3.4 U	< 3.4 U		< 1 U
1,3-Dichlorobenzene	541-73-1	ug/L			< 1 U		
1,4-Dichlorobenzene	106-46-7	ug/L		< 1.5 U	< 1.5 U		< 1 U
2,4,5-Trichlorophenol	95-95-4	ug/L		< 2.8 U	< 2.8 U		
2,4,6-Trichlorophenol	88-06-2	ug/L		< 3.6 U	< 3.6 U		
2,4-Dichlorophenol	120-83-2	ug/L		< 8.4 U	< 8.4 U		
2,4-Dimethylphenol	105-67-9	ug/L		< 4.4 U	< 4.4 U		
2,4-Dinitrophenol	51-28-5	ug/L		< 180 U	< 180 U		
2,6-Dinitroaniline	606-22-4	ug/L		< 8.8 U	< 8.8 U		
2-Chloronaphthalene	91-58-7	ug/L		< 2.6 U	< 2.6 U		
2-Chlorophenol	95-57-8	ug/L		< 2.8 U	< 2.8 U		
2-Methylnaphthalene	91-57-6	ug/L		< 1.3 U	< 1.3 U		
2-Methylphenol	95-48-7	ug/L		< 3.6 U	< 3.6 U		
2-Nitroaniline	88-74-4	ug/L					
2-Nitrophenol	88-75-5	ug/L		< 8.2 U	< 8.2 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L		< 5 U	< 5 U		
3,5-Dinitroaniline	618-87-1	ug/L		< 21 U	< 21 U		
3-Nitroaniline	99-09-2	ug/L		< 15 U	< 15 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L					
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 22 U	< 22 U		
4-Chloro-3-methylphenol	59-50-7	ug/L		< 8.5 U	< 8.5 U		
4-Chloroaniline	106-47-8	ug/L					
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 23 U	< 23 U		
4-Methylphenol	106-44-5	ug/L		< 2.8 U#	< 2.8 U#		
4-Nitroaniline	100-01-6	ug/L					
4-Nitrophenol	100-02-7	ug/L		< 96 U	< 96 U		
Acenaphthene	83-32-9	ug/L		< 5.8 U	< 5.8 U		
Acenaphthylene	208-96-8	ug/L		< 5.1 U	< 5.1 U		
Anthracene	120-12-7	ug/L		< 5.2 U	< 5.2 U		
Benz(a)anthracene	56-55-3	ug/L		< 9.8 U	< 9.8 U		
Benzo(a)pyrene	50-32-8	ug/L		< 14 U	< 14 U		
Benzo(b)fluoranthene	205-99-2	ug/L		< 10 U	< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L		< 15 U	< 15 U		

		Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Benzo(k)fluoranthene	207-08-9	ug/L		< 10 U	< 10 U		
Benzyl alcohol	100-51-6	ug/L		< 4 U	< 4 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L		< 6.8 U	< 6.8 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L		< 0.68 U	< 0.68 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L		< 5 U	< 5 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L		< 7.7 U	< 7.7 U		
Butylbenzyl phthalate	85-68-7	ug/L		< 28 U	< 28 U		
Carbazole	86-74-8	ug/L					
Chrysene	218-01-9	ug/L		< 7.4 U	< 7.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L		< 12 U	< 12 U		
Dibenzofuran	132-64-9	ug/L		< 5.1 U	< 5.1 U		
Dichlorobenzenes	25321-22-6	ug/L	< 2 U		< 2 U		
Dicyclopentadiene	77-73-6	ug/L		< 5.5 U	< 5.5 U		
Diethylphthalate	84-66-2	ug/L		< 5.9 U	< 5.9 U		
Dimethylphthalate	131-11-3	ug/L		< 2.2 U	< 2.2 U		
di-n-Butylphthalate	84-74-2	ug/L		< 33 U	< 33 U		
di-n-Octylphthalate	117-84-0	ug/L		< 1.5 U	< 1.5 U		
Fluoranthene	206-44-0	ug/L		< 24 U	< 24 U		
Fluorene	86-73-7	ug/L		< 9.2 U	< 9.2 U		
Hexachlorobenzene	118-74-1	ug/L		< 12 U	< 12 U		
Hexachlorobutadiene	87-68-3	ug/L		< 8.7 U	< 8.7 U		< 1 U
Hexachlorocyclopentadiene	77-47-4	ug/L		< 54 U	< 54 U		
Hexachloroethane	67-72-1	ug/L		< 8.3 U	< 8.3 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L		< 21 U	< 21 U		
Isophorone	78-59-1	ug/L		< 2.4 U	< 2.4 U		
Naphthalene	91-20-3	ug/L		< 0.5 U	< 0.5 U		< 1 U
N-Nitrosodimethylamine	62-75-9	ug/L		< 9.7 U	< 9.7 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L		< 6.8 U	< 6.8 U		
n-Nitrosodiphenylamine	86-30-6	ug/L		< 3.7 U	< 3.7 U		
Pentachlorophenol	87-86-5	ug/L		< 9.1 U	< 9.1 U		
Phenanthrene	85-01-8	ug/L		< 9.9 U	< 9.9 U		
Phenol	108-95-2	ug/L		< 2.2 U	< 2.2 U		
Pyrene	129-00-0	ug/L		< 17 U	< 17 U		
TPH							
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L					

Chemical Name	CAS No	Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
		Unit					
VOC							
1,1,1,2-Tetrachloroethane	630-20-6	ug/L					< 1 U
1,1,1-Trichloroethane	71-55-6	ug/L	1.4		< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L				7.2	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
1,1-Dichloropropene	563-58-6	ug/L					< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L		< 5.8 U	< 5.8 U		< 1 U
1,2,3-Trichloropropane	96-18-4	ug/L					< 1 U
1,2,4-Trimethylbenzene	95-63-6	ug/L					< 1 U
1,2-Dibromoethane	106-93-4	ug/L					< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 5 U		< 5 U		
1,2-Dichloropropane	78-87-5	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L					< 1 U
1,3-Dichloropropane	142-28-9	ug/L	< 4.8 U		< 4.8 U		< 1 U
2,2-dichloropropane	594-20-7	ug/L					< 1 U
2,3,6-Trichlorophenol	933-75-5	ug/L		< 1.7 U	< 1.7 U		
2-Butanone	78-93-3	ug/L	< 10 U		< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	< 3.5 U		< 3.5 U		
2-Chlorotoluene	95-49-8	ug/L					< 1 U
2-Hexanone	591-78-6	ug/L				< 10 U	< 10 U
4-Chlorotoluene	106-43-4	ug/L					< 1 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 1.4 U		< 1.4 U	< 10 U	< 5 U
Acetone	67-64-1	ug/L	< 8 U		< 8 U	< 10 U	4.1 J
Acetonitrile	75-05-8	ug/L				< 20 U	< 20 U
Acrylonitrile	107-13-1	ug/L	< 8.4 U		< 8.4 U		
Benzene	71-43-2	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 11 U		< 11 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	< 14 U		< 14 U	< 2 U	< 2 U
Butyl benzene	104-51-8	ug/L					< 1 U
Carbon disulfide	75-15-0	ug/L				< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Chlorobromomethane	74-97-5	ug/L					< 1 U
Chloroethane	75-00-3	ug/L	< 8 U		< 8 U	< 2 U	< 2 U

		Site Name	138	138	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410	F-PW-410	F-PW-410
		Sample Date	4/28/1994	5/10/1994	7/28/1994	8/5/1999	4/23/2001
		Depth Interval	75 - 85	75 - 85	75 - 85	75 - 85	75 - 85
		Sample ID	410(19940428)	410(19940510)	410(19940728)	PW410(19990805)	PW-410(20010423)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Chloroform	67-66-3	ug/L	< 1 U		< 1 U	0.25 J	0.39 J
Chloromethane	74-87-3	ug/L	< 1.2 U		< 1.2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L				< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L				< 1 U	< 1 U
Cymene	99-87-6	ug/L					< 1 U
Dibromochloromethane	124-48-1	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L		< 12 U	< 12 U		< 2 U
Dichlorodifluoromethane	75-71-8	ug/L				< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L					< 1 U
Methyl tert-Butyl ether	1634-04-4	ug/L					< 5 U
Methylene bromide	74-95-3	ug/L					< 1 U
Methylene chloride	75-09-2	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Monobromobenzene	108-86-1	ug/L					< 1 U
m-Xylenes	108-38-3	ug/L	< 1 U		< 1 U		
n-Propylbenzene	103-65-1	ug/L					< 1 U
sec-Butylbenzene	135-98-8	ug/L					< 1 U
Styrene	100-42-5	ug/L				< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L					
tert-Butylbenzene	98-06-6	ug/L					< 1 U
Tetrachloroethene	127-18-4	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U		< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L				< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L				< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	1.9		1.8	1.8	2.1
Trichlorofluoromethane	75-69-4	ug/L	< 1 U		< 1 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	< 12 U		< 12 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	< 2 U		< 2 U	< 1 U	< 1 U
WetChem							
Ammonia	7664-41-7	ug/L					
Chloride	16887-00-6	ug/L					
Cyanide	57-12-5	ug/L	< 5 U		< 5 U		
Dissolved Organic Carbon	DOC	ug/L					
Nitrate	14797-55-8	ug/L					
Nitrite	14797-65-0	ug/L					
Sulfate	14808-79-8	ug/L					
Sulfide	18496-25-8	ug/L					

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
		Unit			
Alcohol					
Methanol	67-56-1	ug/L			
Dissolved Gas					
Ethane	74-84-0	ug/L			
Ethene	74-85-1	ug/L			
Hydrogen	1333-74-0	nM			
Methane	74-82-8	ug/L			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U	0.24	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
DNX	80251-29-2	ug/L			
HMX	2691-41-0	ug/L	0.23 J	0.2 J	< 0.5 U
MNX	5755-27-1	ug/L			
Nitrobenzene	98-95-3	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
Nitrobenzene	98-95-3	ug/L			
Nitrocellulose	9004-70-0	ug/L			
Nitroglycerin	55-63-0	ug/L			
Nitroguanidine	556-88-7	ug/L			
Perchlorate	14797-73-0	ug/L	< 4 U	< 1 U	< 4 U
PETN	78-11-5	ug/L			
RDX	121-82-4	ug/L	< 0.5 U	0.59	< 0.5 U
Tetryl	479-45-8	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
TNX	13980-04-6	ug/L			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L			
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L			

		Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Metals					
Aluminum	7429-90-5	ug/L			
Aluminum	7429-90-5	ug/L			
Antimony	7440-36-0	ug/L			
Antimony	7440-36-0	ug/L			
Arsenic	7440-38-2	ug/L			
Arsenic	7440-38-2	ug/L			
Barium	7440-39-3	ug/L			
Barium	7440-39-3	ug/L			
Beryllium	7440-41-7	ug/L			
Beryllium	7440-41-7	ug/L			
Cadmium	7440-43-9	ug/L			
Cadmium	7440-43-9	ug/L			
Calcium	7440-70-2	ug/L			
Calcium	7440-70-2	ug/L			
Chromium	7440-47-3	ug/L			
Chromium	7440-47-3	ug/L			
Cobalt	7440-48-4	ug/L			
Cobalt	7440-48-4	ug/L			
Copper	7440-50-8	ug/L			
Copper	7440-50-8	ug/L			
Iron	7439-89-6	ug/L			
Iron	7439-89-6	ug/L			
Lead	7439-92-1	ug/L			
Lead	7439-92-1	ug/L			
Magnesium	7439-95-4	ug/L			
Magnesium	7439-95-4	ug/L			
Manganese	7439-96-5	ug/L			
Manganese	7439-96-5	ug/L			
Mercury	7439-97-6	ug/L			
Mercury	7439-97-6	ug/L			
Nickel	7440-02-0	ug/L			
Nickel	7440-02-0	ug/L			
Potassium	7440-09-7	ug/L			
Potassium	7440-09-7	ug/L			
Selenium	7782-49-2	ug/L			
Selenium	7782-49-2	ug/L			
Silver	7440-22-4	ug/L			

		Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Silver	7440-22-4	ug/L			
Sodium	7440-23-5	ug/L			
Sodium	7440-23-5	ug/L			
Thallium	7440-28-0	ug/L			
Thallium	7440-28-0	ug/L			
Vanadium	7440-62-2	ug/L			
Vanadium	7440-62-2	ug/L			
Zinc	7440-66-6	ug/L			
Zinc	7440-66-6	ug/L			
Other					
1,4-Oxathiane	15980-15-1	ug/L			
Diisopropyl methylphosphonate	1445-75-6	ug/L			
Dimethylmethylphosphonate	756-79-6	ug/L			
Dithiane	51330-42-8	ug/L			
PCBs					
Aroclor 1016	12674-11-2	ug/L			
Aroclor 1221	11104-28-2	ug/L			
Aroclor 1232	11141-16-5	ug/L			
Aroclor 1242	53469-21-9	ug/L			
Aroclor 1248	12672-29-6	ug/L			
Aroclor 1254	11097-69-1	ug/L			
Aroclor 1260	11096-82-5	ug/L			
Pesticides					
4,4'-DDD	72-54-8	ug/L			
4,4'-DDD	72-54-8	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDE	72-55-9	ug/L			
4,4'-DDT	50-29-3	ug/L			
4,4'-DDT	50-29-3	ug/L			
Aldrin	309-00-2	ug/L			
Aldrin	309-00-2	ug/L			
alpha-BHC	319-84-6	ug/L			
alpha-BHC	319-84-6	ug/L			
Atrazine	1912-24-9	ug/L			
beta-BHC	319-85-7	ug/L			
beta-BHC	319-85-7	ug/L			
Bromacil	314-40-9	ug/L			
Chlordane	57-74-9	ug/L			

		Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chlordane	57-74-9	ug/L			
delta-BHC	319-86-8	ug/L			
Dieldrin	60-57-1	ug/L			
Dieldrin	60-57-1	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan I	959-98-8	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan II	33213-65-9	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endosulfan sulfate	1031-07-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin	72-20-8	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin aldehyde	7421-93-4	ug/L			
Endrin ketone	53494-70-5	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
gamma-BHC (Lindane)	58-89-9	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor	76-44-8	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Heptachlor epoxide	1024-57-3	ug/L			
Isodrin	465-73-6	ug/L			
Isodrin	465-73-6	ug/L			
Malathion	121-75-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Methoxychlor	72-43-5	ug/L			
Mirex	2385-85-5	ug/L			
Parathion	56-38-2	ug/L			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L			
Supona	470-90-6	ug/L			
Toxaphene	8001-35-2	ug/L			
Vapona	62-73-7	ug/L			

		Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1 U		
1,2-Dichlorobenzene	95-50-1	ug/L	< 1 U		
1,2-Diphenylhydrazine	122-66-7	ug/L			
1,3-Dichlorobenzene	541-73-1	ug/L	< 1 U		
1,3-Dichlorobenzene	541-73-1	ug/L			
1,4-Dichlorobenzene	106-46-7	ug/L	< 1 U		
2,4,5-Trichlorophenol	95-95-4	ug/L			
2,4,6-Trichlorophenol	88-06-2	ug/L			
2,4-Dichlorophenol	120-83-2	ug/L			
2,4-Dimethylphenol	105-67-9	ug/L			
2,4-Dinitrophenol	51-28-5	ug/L			
2,6-Dinitroaniline	606-22-4	ug/L			
2-Chloronaphthalene	91-58-7	ug/L			
2-Chlorophenol	95-57-8	ug/L			
2-Methylnaphthalene	91-57-6	ug/L			
2-Methylphenol	95-48-7	ug/L			
2-Nitroaniline	88-74-4	ug/L			
2-Nitrophenol	88-75-5	ug/L			
3,3'-Dichlorobenzidine	91-94-1	ug/L			
3,5-Dinitroaniline	618-87-1	ug/L			
3-Nitroaniline	99-09-2	ug/L			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			
4-Bromophenyl phenyl ether	101-55-3	ug/L			
4-Chloro-3-methylphenol	59-50-7	ug/L			
4-Chloroaniline	106-47-8	ug/L			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			
4-Methylphenol	106-44-5	ug/L			
4-Nitroaniline	100-01-6	ug/L			
4-Nitrophenol	100-02-7	ug/L			
Acenaphthene	83-32-9	ug/L			
Acenaphthylene	208-96-8	ug/L			
Anthracene	120-12-7	ug/L			
Benz(a)anthracene	56-55-3	ug/L			
Benzo(a)pyrene	50-32-8	ug/L			
Benzo(b)fluoranthene	205-99-2	ug/L			
Benzo(g,h,i)perylene	191-24-2	ug/L			

		Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Benzo(k)fluoranthene	207-08-9	ug/L			
Benzyl alcohol	100-51-6	ug/L			
bis(2-Chloroethoxy)methane	111-91-1	ug/L			
bis(2-Chloroethyl)ether	111-44-4	ug/L			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			
Butylbenzyl phthalate	85-68-7	ug/L			
Carbazole	86-74-8	ug/L			
Chrysene	218-01-9	ug/L			
Dibenz(a,h)anthracene	53-70-3	ug/L			
Dibenzofuran	132-64-9	ug/L			
Dichlorobenzenes	25321-22-6	ug/L			
Dicyclopentadiene	77-73-6	ug/L			
Diethylphthalate	84-66-2	ug/L			
Dimethylphthalate	131-11-3	ug/L			
di-n-Butylphthalate	84-74-2	ug/L			
di-n-Octylphthalate	117-84-0	ug/L			
Fluoranthene	206-44-0	ug/L			
Fluorene	86-73-7	ug/L			
Hexachlorobenzene	118-74-1	ug/L			
Hexachlorobutadiene	87-68-3	ug/L	< 1 U		
Hexachlorocyclopentadiene	77-47-4	ug/L			
Hexachloroethane	67-72-1	ug/L			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			
Isophorone	78-59-1	ug/L			
Naphthalene	91-20-3	ug/L	< 1 U		
N-Nitrosodimethylamine	62-75-9	ug/L			
n-Nitroso-di-n-propylamine	621-64-7	ug/L			
n-Nitrosodiphenylamine	86-30-6	ug/L			
Pentachlorophenol	87-86-5	ug/L			
Phenanthrene	85-01-8	ug/L			
Phenol	108-95-2	ug/L			
Pyrene	129-00-0	ug/L			
TPH					
Total Volatile Petroleum Hydrocarbons	TVPH	ug/L			

Chemical Name	CAS No	Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
		Unit			
VOC					
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	< 1 U		
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	7.2	0.69 J
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	< 1 U
1,1-Dichloropropene	563-58-6	ug/L	< 1 U		
1,2,3-Trichlorobenzene	87-61-6	ug/L	< 1 U		
1,2,3-Trichloropropane	96-18-4	ug/L	< 1 U		
1,2,4-Trimethylbenzene	95-63-6	ug/L	< 1 U		
1,2-Dibromoethane	106-93-4	ug/L	< 1 U		
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L			
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L	< 1 U		
1,3-Dichloropropane	142-28-9	ug/L	< 1 U		
2,2-dichloropropane	594-20-7	ug/L	< 1 U		
2,3,6-Trichlorophenol	933-75-5	ug/L			
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L			
2-Chlorotoluene	95-49-8	ug/L	< 1 U		
2-Hexanone	591-78-6	ug/L	< 10 U	< 10 U	< 10 U
4-Chlorotoluene	106-43-4	ug/L	< 1 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	< 10 U	< 10 U	< 10 U
Acetonitrile	75-05-8	ug/L	< 20 U	< 20 U	< 20 U
Acrylonitrile	107-13-1	ug/L			
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	< 2 U	< 2 U	< 2 U
Butyl benzene	104-51-8	ug/L	< 1 U		
Carbon disulfide	75-15-0	ug/L	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 1 U
Chlorobromomethane	74-97-5	ug/L	< 1 U		
Chloroethane	75-00-3	ug/L	< 2 U	< 2 U	< 2 U

		Site Name	138	138	138
		Location ID	F-PW-410	F-PW-410	F-PW-410
		Sample Date	10/31/2002	2/4/2004	3/3/2005
		Depth Interval	75 - 85	75 - 85	75 - 85
		Sample ID	PW-410(20021031)	PW-410(20040204)	410(20050303)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Chloroform	67-66-3	ug/L	< 1 U	0.22 J	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U	< 0.5 U	0.45 J
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U	< 1 U
Cymene	99-87-6	ug/L	< 1 U		
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	< 2 U		
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U
Isopropylbenzene	98-82-8	ug/L	< 1 U		
Methyl tert-Butyl ether	1634-04-4	ug/L	0.56 J		
Methylene bromide	74-95-3	ug/L	< 1 U		
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	< 1 U
Monobromobenzene	108-86-1	ug/L	< 1 U		
m-Xylenes	108-38-3	ug/L			
n-Propylbenzene	103-65-1	ug/L	< 1 U		
sec-Butylbenzene	135-98-8	ug/L	< 1 U		
Styrene	100-42-5	ug/L	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L			
tert-Butylbenzene	98-06-6	ug/L	< 1 U		
Tetrachloroethene	127-18-4	ug/L	< 1 U	0.45 J	0.23 J
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	2.6	3.7	5.2
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2 U	0.26 J
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	< 1 U
WetChem					
Ammonia	7664-41-7	ug/L			
Chloride	16887-00-6	ug/L			
Cyanide	57-12-5	ug/L			
Dissolved Organic Carbon	DOC	ug/L			
Nitrate	14797-55-8	ug/L			
Nitrite	14797-65-0	ug/L			
Sulfate	14808-79-8	ug/L			
Sulfide	18496-25-8	ug/L			

Historical Analytical Results for Sediment Samples at Site 138/(PICA 108)

		Site Name	138	138	138	138	138	138	138
		Location ID	F-138-SD-004	F-138-SD-005	F-138-SD-006	F-138-SD-007	F-138-SD-008	F-138-SD-009	F-SD138-1
		Sample Date	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	11/8/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5
		Sample ID	138SD-4(0-1)	138SD-5(0-1)	138SD-6(0-1)	138SD-7(0-1)	138SD-8(0-1)	138SD-9(0-1)	SD138-1(0-0.5)
		Sample Matrix	SE	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg							< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg							< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg							< 2 U
3-Nitrotoluene	99-08-1	mg/kg							< 0.34 U
HMX	2691-41-0	mg/kg							< 2 U
Nitrobenzene	98-95-3	mg/kg							< 1.14 U
Nitrobenzene	98-95-3	mg/kg							< 1.8 U
Nitrocellulose	9004-70-0	mg/kg							707 J
Nitroglycerin	55-63-0	mg/kg							< 0.51 U
PETN	78-11-5	mg/kg							< 1 U
RDX	121-82-4	mg/kg							5.34 N
Tetryl	479-45-8	mg/kg							< 2.11 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg							< 2.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg							< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg							< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg							< 2 U
Metals									
Aluminum	7429-90-5	mg/kg	9420 J	7140 J	9900	9690 J	11800 J	10300 J	4140
Antimony	7440-36-0	mg/kg	< 4.8 UJ	< 7.5 UJ	< 2.2 UJ	1.3 J	1.6 J	< 5.6 UJ	5.91
Arsenic	7440-38-2	mg/kg	14 J	15 J	15.2	19.3 J	23.7 J	7.1 J	< 2.5 U
Barium	7440-39-3	mg/kg	288 J	53.2 J	141	172 J	148 J	151 J	162
Beryllium	7440-41-7	mg/kg	0.58 J	1.2 J	1.1	1.2 J	1.1 J	1.5 J	< 0.427 U
Cadmium	7440-43-9	mg/kg	3.1 J	0.37 J	1.6	2.6 J	2.1 J	1.8 J	< 1.2 U
Calcium	7440-70-2	mg/kg	14600 J	3110 J	3960	4870 J	4620 J	6510 J	12500
Chromium	7440-47-3	mg/kg	19.7 J	8.1 J	22.6	23.7 J	52.8 J	17.5 J	522
Cobalt	7440-48-4	mg/kg	16.4 J	6 J	10.8 J	17.8 J	8.2 J	3.2 J	8.33
Copper	7440-50-8	mg/kg	77.3 J	107 J	85.4	112 J	133 J	84.2 J	55.3
Iron	7439-89-6	mg/kg	40000 J	3020 J	26100	42900 J	29000 J	4790 J	13800
Lead	7439-92-1	mg/kg	110 J	45.6 J	249	259 J	485 J	146 J	1060
Magnesium	7439-95-4	mg/kg	2540 J	473 J	1350	1160 J	1580 J	1190 J	1960
Manganese	7439-96-5	mg/kg	2890 J	34.1 J	470	1080 J	398 J	24.3 J	182
Mercury	7439-97-6	mg/kg	2.1 J	2.5 J	6.1 D	8.1 JD	11.5 JD	1.2 J	8.8 D
Nickel	7440-02-0	mg/kg	27.6 J	23.3 J	16.1	18.9 J	33.6 J	29.8 J	402
Potassium	7440-09-7	mg/kg	1070 J	271 J	392 J	248 J	400 J	452 J	< 131 U
Selenium	7782-49-2	mg/kg	2.6 J	4.1 J	2.7	2.2 J	3.4 J	4.8 J	3.61

Chemical Name	CAS No	Unit	Site Name: 138	138	138	138	138	138	138
			Location ID: F-138-SD-004	F-138-SD-005	F-138-SD-006	F-138-SD-007	F-138-SD-008	F-138-SD-009	F-SD138-1
			Sample Date: 9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	11/8/1993
			Depth Interval: 0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5
			Sample ID: 138SD-4(0-1)	138SD-5(0-1)	138SD-6(0-1)	138SD-7(0-1)	138SD-8(0-1)	138SD-9(0-1)	SD138-1(0-0.5)
			Sample Matrix: SE	SE	SE	SE	SE	SE	SE
Silver	7440-22-4	mg/kg	1.8 J	< 3.8 UJ	5	6 J	6.9 J	< 2.8 UJ	< 0.803 U
Sodium	7440-23-5	mg/kg	< 2380 UJ	445 J	< 1100 UJ	< 1200 UJ	< 1640 UJ	526 J	417
Thallium	7440-28-0	mg/kg	< 4.8 UJ	< 7.5 UJ	< 2.2 UJ	1.9 J	2.2 J	< 5.6 UJ	< 34.3 U
Vanadium	7440-62-2	mg/kg	61 J	13.7 J	41.2	39.2 J	48.5 J	28.9 J	13.8
Zinc	7440-66-6	mg/kg	301 J	20 J	110	136 J	149 J	172 J	125
Other									
1,4-Oxathiane	15980-15-1	mg/kg							< 0.075 U
Dithiane	51330-42-8	mg/kg							< 0.065 U
PCBs									
Aroclor 1016	12674-11-2	mg/kg							< 0.32 U
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							< 0.79 U
Aroclor 1260	11096-82-5	mg/kg							
Aroclor 1262	37324-23-5	mg/kg							< 6.3 U
Pesticides									
4,4'-DDD	72-54-8	mg/kg							1.6
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							< 0.068 U
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							3.2
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							< 1.3 U
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							< 1.3 U
alpha-BHC	319-84-6	mg/kg							
Atrazine	1912-24-9	mg/kg							< 0.065 U
beta-BHC	319-85-7	mg/kg							< 1.3 U
beta-BHC	319-85-7	mg/kg							
Chlordane	57-74-9	mg/kg							< 0.68 U
Chlordane	57-74-9	mg/kg							
delta-BHC	319-86-8	mg/kg							< 0.21 U
delta-BHC	319-86-8	mg/kg							

		Site Name	138	138	138	138	138	138	138
		Location ID	F-138-SD-004	F-138-SD-005	F-138-SD-006	F-138-SD-007	F-138-SD-008	F-138-SD-009	F-SD138-1
		Sample Date	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	11/8/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5
		Sample ID	138SD-4(0-1)	138SD-5(0-1)	138SD-6(0-1)	138SD-7(0-1)	138SD-8(0-1)	138SD-9(0-1)	SD138-1(0-0.5)
		Sample Matrix	SE	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**							
Dieldrin	60-57-1	mg/kg							< 0.079 U
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							< 0.4 U
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							< 2.4 U
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							< 1.3 U
Endrin	72-20-8	mg/kg							
Endrin aldehyde	7421-93-4	mg/kg							< 1.8 U
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg							
Heptachlor	76-44-8	mg/kg							< 0.24 U
Heptachlor	76-44-8	mg/kg							
Heptachlor epoxide	1024-57-3	mg/kg							< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg							
Isodrin	465-73-6	mg/kg							< 0.48 U
Isodrin	465-73-6	mg/kg							
Malathion	121-75-5	mg/kg							< 0.18 U
Methoxychlor	72-43-5	mg/kg							< 0.26 U
Methoxychlor	72-43-5	mg/kg							
Mirex	2385-85-5	mg/kg							< 0.14 U
Parathion	56-38-2	mg/kg							< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg							< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg							< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg							< 0.32 U
Supona	470-90-6	mg/kg							< 0.92 U
Toxaphene	8001-35-2	mg/kg							< 12 U
Toxaphene	8001-35-2	mg/kg							
Vapona	62-73-7	mg/kg							< 0.068 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg							< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg							< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg							< 0.52 U

		Site Name	138	138	138	138	138	138	138
		Location ID	F-138-SD-004	F-138-SD-005	F-138-SD-006	F-138-SD-007	F-138-SD-008	F-138-SD-009	F-SD138-1
		Sample Date	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	11/8/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5
		Sample ID	138SD-4(0-1)	138SD-5(0-1)	138SD-6(0-1)	138SD-7(0-1)	138SD-8(0-1)	138SD-9(0-1)	SD138-1(0-0.5)
		Sample Matrix	SE	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**							
1,3-Dichlorobenzene	541-73-1	mg/kg							< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg							< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg							< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg							< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg							< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg							< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg							< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg							< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg							< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg							< 0.24 U
2-Chlorophenol	95-57-8	mg/kg							< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg							< 0.032 U
2-Methylphenol	95-48-7	mg/kg							< 0.098 U
2-Nitrophenol	88-75-5	mg/kg							< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg							< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg							< 1.6 U
3-Nitroaniline	99-09-2	mg/kg							< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg							< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg							< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							< 0.17 U
4-Methylphenol	106-44-5	mg/kg							< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg							< 3.3 U
Acenaphthene	83-32-9	mg/kg							< 0.041 U
Acenaphthylene	208-96-8	mg/kg							< 0.033 U
Anthracene	120-12-7	mg/kg							< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg							< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg							< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg							< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg							< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg							< 0.13 U
Benzyl alcohol	100-51-6	mg/kg							< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg							< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg							< 1.8 U

		Site Name	138	138	138	138	138	138	138
		Location ID	F-138-SD-004	F-138-SD-005	F-138-SD-006	F-138-SD-007	F-138-SD-008	F-138-SD-009	F-SD138-1
		Sample Date	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	11/8/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5
		Sample ID	138SD-4(0-1)	138SD-5(0-1)	138SD-6(0-1)	138SD-7(0-1)	138SD-8(0-1)	138SD-9(0-1)	SD138-1(0-0.5)
		Sample Matrix	SE	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**							
Chrysene	218-01-9	mg/kg							< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg							< 0.31 U
Dibenzofuran	132-64-9	mg/kg							< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg							< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg							< 0.57 U
Diethylphthalate	84-66-2	mg/kg							< 0.24 U
Dimethylphthalate	131-11-3	mg/kg							< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg							< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg							< 0.23 U
Fluoranthene	206-44-0	mg/kg							0.4
Fluorene	86-73-7	mg/kg							< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg							< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg							< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg							< 0.52 U
Hexachloroethane	67-72-1	mg/kg							< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg							< 2.4 U
Isophorone	78-59-1	mg/kg							< 0.39 U
Naphthalene	91-20-3	mg/kg							< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg							< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg							< 0.29 U
Pentachlorophenol	87-86-5	mg/kg							< 0.76 U
Phenanthrene	85-01-8	mg/kg							< 0.032 U
Phenol	108-95-2	mg/kg							< 0.052 U
Pyrene	129-00-0	mg/kg							0.45
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg							< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg							< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg							< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg							< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg							< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg							< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg							< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg							< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg							< 0.62 U
2-Butanone	78-93-3	mg/kg							< 4.3 U

		Site Name	138	138	138	138	138	138	138
		Location ID	F-138-SD-004	F-138-SD-005	F-138-SD-006	F-138-SD-007	F-138-SD-008	F-138-SD-009	F-SD138-1
		Sample Date	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	9/18/2000	11/8/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5
		Sample ID	138SD-4(0-1)	138SD-5(0-1)	138SD-6(0-1)	138SD-7(0-1)	138SD-8(0-1)	138SD-9(0-1)	SD138-1(0-0.5)
		Sample Matrix	SE	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**							
2-Chloroethyl vinyl ether	110-75-8	mg/kg							< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							< 0.63 U
Acetone	67-64-1	mg/kg							< 3.3 U
Acrylonitrile	107-13-1	mg/kg							< 2 U
Benzene	71-43-2	mg/kg							< 0.1 U
Bromodichloromethane	75-27-4	mg/kg							< 0.2 U
Bromoform	75-25-2	mg/kg							< 0.2 U
Bromomethane	74-83-9	mg/kg							< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg							< 0.31 U
Chlorobenzene	108-90-7	mg/kg							< 0.1 U
Chloroethane	75-00-3	mg/kg							< 0.64 U
Chloroform	67-66-3	mg/kg							< 0.24 U
Chloromethane	74-87-3	mg/kg							< 0.96 U
Dibromochloromethane	124-48-1	mg/kg							< 0.25 U
Dibromochloropropane	96-12-8	mg/kg							< 0.071 U
Ethyl benzene	100-41-4	mg/kg							< 0.19 U
Methylene chloride	75-09-2	mg/kg							< 4.4 U
m-Xylenes	108-38-3	mg/kg							< 0.23 U
Tetrachloroethene	127-18-4	mg/kg							< 0.16 U
Toluene	108-88-3	mg/kg							< 0.1 U
Trichloroethene	79-01-6	mg/kg							< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg							< 0.23 U
Vinyl chloride	75-01-4	mg/kg							< 1.8 U
Xylenes	1330-20-7	mg/kg							< 0.78 U
WetChem									
% Moisture	%Moist	%							
% Solids	%Solid	%	21	13.3	45.3	41.7	30.5	17.9	
Cation Exchange Capacity	CEC	mg/kg							20000 D
Cyanide	57-12-5	mg/kg							1.26
Total organic carbon	TOC	mg/kg							25900

		Site Name	138	138	138	138
		Location ID	F-SD138-2	F-SD138-2	F-SD138-2	F-SD138-3
		Sample Date	11/8/1993	11/8/1993	9/19/2000	11/8/1993
		Depth Interval	0 - .5	0 - .5	0 - 1	0 - .5
		Sample ID	SD138-2DUP(0-0.5)	SD138-2(0-0.5)	SD138-2(0-1)	SD138-3(0-0.5)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 U	< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 U	< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 U	< 2 U		< 2 U
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U	< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg	< 2 U	< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	< 1.14 U	< 1.14 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	< 1.8 U	< 1.8 U		< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	849 J	715 J	< 6.6 (U)	393 J
Nitroglycerin	55-63-0	mg/kg	< 0.51 U	< 0.51 U		< 0.51 U
PETN	78-11-5	mg/kg	< 1 U	< 1 U		< 1 U
RDX	121-82-4	mg/kg	< 1.28 U	< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	< 2.11 U	< 2.11 U		< 2.11 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 UJ	< 2.5 UJ		< 2.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U	< 1.4 U		< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 U	< 0.32 U		< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U	< 2 U		< 2 U
Metals						
Aluminum	7429-90-5	mg/kg	9020	8230		28600
Antimony	7440-36-0	mg/kg	< 1 U	< 1 U		< 1 U
Arsenic	7440-38-2	mg/kg	< 2.5 U	< 2.5 U		< 2.5 U
Barium	7440-39-3	mg/kg	127	117		184
Beryllium	7440-41-7	mg/kg	< 0.427 U	< 0.427 U		3.65
Cadmium	7440-43-9	mg/kg	< 1.2 U	< 1.2 U		< 1.2 U
Calcium	7440-70-2	mg/kg	25600	22500		12000
Chromium	7440-47-3	mg/kg	39.6	35.9		77.7
Cobalt	7440-48-4	mg/kg	< 2.5 U	< 2.5 U		< 2.5 U
Copper	7440-50-8	mg/kg	80.8	67.3		65.8
Iron	7439-89-6	mg/kg	12400	13900		7510
Lead	7439-92-1	mg/kg	325	298		162
Magnesium	7439-95-4	mg/kg	2820	2480		2140
Manganese	7439-96-5	mg/kg	99.3	78.2		< 9.87 U
Mercury	7439-97-6	mg/kg	1.02	1.22		27 D
Nickel	7440-02-0	mg/kg	29.9	23.1		34.4
Potassium	7440-09-7	mg/kg	< 131 U	< 131 U		1560
Selenium	7782-49-2	mg/kg	12.4	9.29		4.36

		Site Name	138	138	138	138
		Location ID	F-SD138-2	F-SD138-2	F-SD138-2	F-SD138-3
		Sample Date	11/8/1993	11/8/1993	9/19/2000	11/8/1993
		Depth Interval	0 - .5	0 - .5	0 - 1	0 - .5
		Sample ID	SD138-2DUP(0-0.5)	SD138-2(0-0.5)	SD138-2(0-1)	SD138-3(0-0.5)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
Silver	7440-22-4	mg/kg	< 0.803 U	< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	739	879		455
Thallium	7440-28-0	mg/kg	< 34.3 U	< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	37.1	37.6		36.8
Zinc	7440-66-6	mg/kg	166	145		144
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U	< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	< 0.065 U	< 0.065 U		< 0.065 U
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.1 U	< 0.1 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U	< 0.32 U		
Aroclor 1221	11104-28-2	mg/kg	< 0.1 UT	< 0.1 UT		
Aroclor 1232	11141-16-5	mg/kg	< 0.1 UT	< 0.1 UT		
Aroclor 1242	53469-21-9	mg/kg	< 0.1 UT	< 0.1 UT		
Aroclor 1248	12672-29-6	mg/kg	< 0.1 UT	< 0.1 UT		
Aroclor 1254	11097-69-1	mg/kg	< 0.0479 UT	< 0.0479 UT		
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U	< 0.0479 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	< 0.0479 U	< 0.79 U		
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U	< 6.3 U		< 6.3 U
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U	< 0.27 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	< 0.27 U	< 0.064 U		
4,4'-DDE	72-55-9	mg/kg	0.01	< 0.27 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	< 0.068 U	< 0.068 U		
4,4'-DDT	50-29-3	mg/kg	< 0.35 U	< 0.35 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	< 0.1 U	< 0.1 U		
Aldrin	309-00-2	mg/kg	< 0.14 U	0.02 N		< 1.3 U
Aldrin	309-00-2	mg/kg	< 1.3 U	< 1.3 U		
alpha-BHC	319-84-6	mg/kg	< 1.3 U	< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	< 0.28 U	< 0.28 U		
Atrazine	1912-24-9	mg/kg	< 0.065 U	< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	< 0.77 U	< 0.77 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	< 1.3 U	< 1.3 U		
Chlordane	57-74-9	mg/kg	< 0.0684 U	< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg	< 0.68 U	< 0.0684 U		
delta-BHC	319-86-8	mg/kg	< 0.85 U	< 0.85 U		< 0.21 U
delta-BHC	319-86-8	mg/kg	< 0.21 U	< 0.21 U		

		Site Name	138	138	138	138
		Location ID	F-SD138-2	F-SD138-2	F-SD138-2	F-SD138-3
		Sample Date	11/8/1993	11/8/1993	9/19/2000	11/8/1993
		Depth Interval	0 - .5	0 - .5	0 - 1	0 - .5
		Sample ID	SD138-2DUP(0-0.5)	SD138-2(0-0.5)	SD138-2(0-1)	SD138-3(0-0.5)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
Dieldrin	60-57-1	mg/kg	< 0.079 U	< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	< 0.16 U	< 0.16 U		
Endosulfan I	959-98-8	mg/kg	< 0.1 U	< 0.1 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg	< 0.4 U	< 0.4 U		
Endosulfan II	33213-65-9	mg/kg	< 0.07 U	< 0.07 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	< 2.4 U	< 2.4 U		
Endosulfan sulfate	1031-07-8	mg/kg	< 0.05 UT	< 0.05 UT		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U	< 1.2 U		
Endrin	72-20-8	mg/kg	< 1.3 U	< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg	< 0.65 U	< 0.65 U		
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U	< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	< 0.05 UT	< 0.05 UT		
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	< 0.1 U		
Heptachlor	76-44-8	mg/kg	< 0.22 U	< 0.22 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	< 0.24 U	< 0.24 U		
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U	< 0.13 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	< 0.13 U	< 0.48 U		
Isodrin	465-73-6	mg/kg	< 0.3 U	< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg	< 0.48 U	< 0.3 U		
Malathion	121-75-5	mg/kg	< 0.18 U	< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	< 0.26 U	< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg	< 0.0359 U	< 0.0359 U		
Mirex	2385-85-5	mg/kg	< 0.14 U	< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	< 1.7 U	< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U	< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U	< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U	< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	< 0.92 U	< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	< 0.226 U	< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg	< 12 U	< 0.226 U		
Vapona	62-73-7	mg/kg	< 0.068 U	< 0.068 U		< 0.068 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U	< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U	< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U	< 0.52 U		< 0.52 U

		Site Name	138	138	138	138
		Location ID	F-SD138-2	F-SD138-2	F-SD138-2	F-SD138-3
		Sample Date	11/8/1993	11/8/1993	9/19/2000	11/8/1993
		Depth Interval	0 - .5	0 - .5	0 - 1	0 - .5
		Sample ID	SD138-2DUP(0-0.5)	SD138-2(0-0.5)	SD138-2(0-1)	SD138-3(0-0.5)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U		< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.14 U	< 0.042 U		< 0.14 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U	< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U	< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U	< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U	< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U	< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U	< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U	< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U	< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U	< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U	< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	< 0.098 U	< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U	< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U	< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U	< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	< 3 U	< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U	< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U	< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U	< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U	< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U	< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	< 0.041 U	< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U		< 0.033 U
Anthracene	120-12-7	mg/kg	< 0.71 U	< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U	< 0.041 U		< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U	< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U	< 0.31 U		< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U	< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U	< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U	< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U	< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U	< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U	< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U	< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U	< 1.8 U		< 1.8 U

		Site Name	138	138	138	138
		Location ID	F-SD138-2	F-SD138-2	F-SD138-2	F-SD138-3
		Sample Date	11/8/1993	11/8/1993	9/19/2000	11/8/1993
		Depth Interval	0 - .5	0 - .5	0 - 1	0 - .5
		Sample ID	SD138-2DUP(0-0.5)	SD138-2(0-0.5)	SD138-2(0-1)	SD138-3(0-0.5)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
Chrysene	218-01-9	mg/kg	< 0.032 U	< 0.032 U		< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U	< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	< 0.38 U	< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U	< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U	< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U	< 1.3 U		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U	< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	< 0.032 U	< 0.032 U		0.76
Fluorene	86-73-7	mg/kg	< 0.065 U	< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U	< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U	< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U	< 0.52 U		< 0.52 U
Hexachloroethane	67-72-1	mg/kg	< 1.8 U	< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U	< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg	< 0.39 U	< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	< 0.74 U	< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U	< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U	< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U	< 0.29 U		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U	< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	< 0.032 U	< 0.032 U		< 0.032 U
Phenol	108-95-2	mg/kg	< 0.052 U	< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	< 0.083 U	< 0.083 U		0.86
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U	< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U	< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U	< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U	< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U	< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U	< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U	< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U	< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	< 4.3 U	< 4.3 U		< 4.3 U

		Site Name	138	138	138	138
		Location ID	F-SD138-2	F-SD138-2	F-SD138-2	F-SD138-3
		Sample Date	11/8/1993	11/8/1993	9/19/2000	11/8/1993
		Depth Interval	0 - .5	0 - .5	0 - 1	0 - .5
		Sample ID	SD138-2DUP(0-0.5)	SD138-2(0-0.5)	SD138-2(0-1)	SD138-3(0-0.5)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U	< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U	< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg	< 3.3 U	< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg	< 2 U	< 2 U		< 2 U
Benzene	71-43-2	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg	< 0.2 U	< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg	< 0.26 U	< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U	< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg	< 0.64 U	< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg	< 0.24 U	< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg	< 0.96 U	< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U	< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U	< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	< 0.19 U	< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg	< 4.4 U	< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg	< 0.23 U	< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U	< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg	< 0.1 U	< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg	< 0.23 U	< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U	< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U	< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg	< 0.78 U	< 0.78 U		< 0.78 U
WetChem						
% Moisture	%Moist	%			69.9	
% Solids	%Solid	%				
Cation Exchange Capacity	CEC	mg/kg	41700 D	39300 D		30000 D
Cyanide	57-12-5	mg/kg	< 0.25 U	< 0.25 U		< 0.25 U
Total organic carbon	TOC	mg/kg	38800	65600		66200

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-031	F-138-SS-032	F-138-SS-033	F-138-SS-034	F-138-SS-035
		Sample Date	9/7/2000	9/15/2000	9/7/2000	9/15/2000	9/7/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2
		Sample ID	138SS-31A(0-1)	138SS-32A(0-1)	138SS-33A(0-1)	138SS-34A(0-1)	138SS-35B(1-2)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					
1,3-Dinitrobenzene	99-65-0	mg/kg					
2,4,6-Trinitrotoluene	118-96-7	mg/kg					
3-Nitrotoluene	99-08-1	mg/kg					
HMX	2691-41-0	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrocellulose	9004-70-0	mg/kg					
Nitroglycerin	55-63-0	mg/kg					
PETN	78-11-5	mg/kg					
RDX	121-82-4	mg/kg					
Tetryl	479-45-8	mg/kg					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg					
Antimony	7440-36-0	mg/kg					
Arsenic	7440-38-2	mg/kg	15.6 J	12	6 J	17 D	9
Barium	7440-39-3	mg/kg					
Beryllium	7440-41-7	mg/kg					
Cadmium	7440-43-9	mg/kg					
Calcium	7440-70-2	mg/kg					
Chromium	7440-47-3	mg/kg					
Cobalt	7440-48-4	mg/kg					
Copper	7440-50-8	mg/kg					
Iron	7439-89-6	mg/kg					
Lead	7439-92-1	mg/kg					
Magnesium	7439-95-4	mg/kg					
Manganese	7439-96-5	mg/kg					
Mercury	7439-97-6	mg/kg					
Nickel	7440-02-0	mg/kg					
Potassium	7440-09-7	mg/kg					
Selenium	7782-49-2	mg/kg					
Silver	7440-22-4	mg/kg					
Sodium	7440-23-5	mg/kg					
Thallium	7440-28-0	mg/kg					
Vanadium	7440-62-2	mg/kg					
Zinc	7440-66-6	mg/kg					

Chemical Name	CAS No	Unit	Site Name: 138 Location ID: F-138-SS-031 Sample Date: 9/7/2000 Depth Interval: 0 - 1 Sample ID: 138SS-31A(0-1) Sample Matrix: SO	Site Name: 138 Location ID: F-138-SS-032 Sample Date: 9/15/2000 Depth Interval: 0 - 1 Sample ID: 138SS-32A(0-1) Sample Matrix: SO	Site Name: 138 Location ID: F-138-SS-033 Sample Date: 9/7/2000 Depth Interval: 0 - 1 Sample ID: 138SS-33A(0-1) Sample Matrix: SO	Site Name: 138 Location ID: F-138-SS-034 Sample Date: 9/15/2000 Depth Interval: 0 - 1 Sample ID: 138SS-34A(0-1) Sample Matrix: SO	Site Name: 138 Location ID: F-138-SS-035 Sample Date: 9/7/2000 Depth Interval: 1 - 2 Sample ID: 138SS-35B(1-2) Sample Matrix: SO
Other							
1,4-Oxathiane	15980-15-1	mg/kg					
Dithiane	51330-42-8	mg/kg					
PCBs							
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg					
Pesticides							
4,4'-DDD	72-54-8	mg/kg	< 0.97 R	< 0.01 UJD	0.01 JD	< 0.2 UD	0.01 JD
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg	< 0.97 R	0.01 D	0.02 D	< 0.2 UD	< 0.019 R
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg	< 0.97 R	0.01 JD	< 0.018 R	< 0.2 UJD	< 0.019 R
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UJD	< 0.2 UD	< 0.019 UJD
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Atrazine	1912-24-9	mg/kg					
beta-BHC	319-85-7	mg/kg	< 0.97 R	< 0.01 UD	< 0.018 R	< 0.2 UD	< 0.019 R
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg					
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UJD	< 0.019 UD
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-031	F-138-SS-032	F-138-SS-033	F-138-SS-034	F-138-SS-035
		Sample Date	9/7/2000	9/15/2000	9/7/2000	9/15/2000	9/7/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2
		Sample ID	138SS-31A(0-1)	138SS-32A(0-1)	138SS-33A(0-1)	138SS-34A(0-1)	138SS-35B(1-2)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg	< 0.97 UD	< 0.01 UJD	< 0.018 UD	< 0.2 UJD	< 0.019 UD
Endrin ketone	53494-70-5	mg/kg	< 0.97 R	< 0.01 UJD	< 0.018 UD	< 0.2 UJD	< 0.019 UD
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.97 UJD	< 0.01 UJD	< 0.018 UJD	< 0.2 UD	< 0.019 UJD
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Heptachlor	76-44-8	mg/kg	< 0.97 UD	< 0.01 UJD	0.01 JD	< 0.2 UD	< 0.019 UJD
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg	< 0.97 UD	< 0.01 UD	< 0.018 UD	< 0.2 UD	< 0.019 UD
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg					
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg					
Methoxychlor	72-43-5	mg/kg	< 0.019 UJD	< 0.02 UJD	< 0.034 UJD	< 0.39 UJD	< 0.036 UJD
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg					
Parathion	56-38-2	mg/kg					
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg					
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg					
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg					
Supona	470-90-6	mg/kg					
Toxaphene	8001-35-2	mg/kg	< 0.38 UD	< 0.41 UD	< 0.69 UD	< 7.8 UD	< 0.73 UD
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,2-Diphenylhydrazine	122-66-7	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2,6-Dinitroaniline	606-22-4	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-031	F-138-SS-032	F-138-SS-033	F-138-SS-034	F-138-SS-035
		Sample Date	9/7/2000	9/15/2000	9/7/2000	9/15/2000	9/7/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2
		Sample ID	138SS-31A(0-1)	138SS-32A(0-1)	138SS-33A(0-1)	138SS-34A(0-1)	138SS-35B(1-2)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg	0.68 JD	0.71 JD	0.29 JD	1.1 JD	0.66 JD
Acenaphthylene	208-96-8	mg/kg	< 4.7 UD	< 4.1 UD	< 1.7 UD	< 4.8 UD	< 4.5 UD
Anthracene	120-12-7	mg/kg	1.6 JD	2.2 JD	0.74 JD	3.5 JD	1.6 JD
Benz(a)anthracene	56-55-3	mg/kg	13 D	12 D	5 D	16 D	10 D
Benzo(a)pyrene	50-32-8	mg/kg	16 D	14 D	5.9 D	17 D	11 D
Benzo(b)fluoranthene	205-99-2	mg/kg	21 D	17 D	7.5 D	22 D	15 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	9.3 D	8.8 JD	3.9 D	10 JD	6.3 D
Benzo(k)fluoranthene	207-08-9	mg/kg	8.3 D	7.9 D	3.7 D	9.3 D	5.1 D
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Chrysene	218-01-9	mg/kg	18 D	13 D	6.9 D	16 D	14 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	2.4 JD	2.8 JD	0.96 JD	3.2 JD	1.7 JD
Dibenzofuran	132-64-9	mg/kg					
Dichlorobenzenes	25321-22-6	mg/kg					
Dicyclopentadiene	77-73-6	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Fluoranthene	206-44-0	mg/kg	30 D	26 D	11 D	37 D	24 D
Fluorene	86-73-7	mg/kg	1 JD	1.2 JD	0.36 JD	2.2 JD	1.2 JD
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	11 D	9.3 JD	4.4 D	11 JD	7.5 D
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg	< 4.7 UD	< 4.1 UD	< 1.7 UD	< 4.8 UD	< 4.5 UD
N-Nitrosodimethylamine	62-75-9	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-031	F-138-SS-032	F-138-SS-033	F-138-SS-034	F-138-SS-035
		Sample Date	9/7/2000	9/15/2000	9/7/2000	9/15/2000	9/7/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2
		Sample ID	138SS-31A(0-1)	138SS-32A(0-1)	138SS-33A(0-1)	138SS-34A(0-1)	138SS-35B(1-2)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg	14 D	14 D	5.3 D	23 D	14 D
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg	27 D	22 D	11 D	26 D	20 D
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2,3-Trichlorobenzene	87-61-6	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					
1,3-Dichloropropane	142-28-9	mg/kg					
2,3,6-Trichlorophenol	933-75-5	mg/kg					
2-Butanone	78-93-3	mg/kg					
2-Chloroethyl vinyl ether	110-75-8	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acrylonitrile	107-13-1	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dibromochloropropane	96-12-8	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Methylene chloride	75-09-2	mg/kg					
m-Xylenes	108-38-3	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%	88	81.1	96.7	85.6	91.3
Cyanide	57-12-5	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-035	F-138-SS-036	F-138-SS-036	F-138-SS-037	F-138-SS-038
		Sample Date	4/23/2001	9/7/2000	4/23/2001	9/7/2000	9/7/2000
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	138SS-35C(2-3)	138SS-36A(0-1)	138SS-36C(2-3)	138SS-37A(0-1)	138SS-38A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					
1,3-Dinitrobenzene	99-65-0	mg/kg					
2,4,6-Trinitrotoluene	118-96-7	mg/kg					
3-Nitrotoluene	99-08-1	mg/kg					
HMX	2691-41-0	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrocellulose	9004-70-0	mg/kg					
Nitroglycerin	55-63-0	mg/kg					
PETN	78-11-5	mg/kg					
RDX	121-82-4	mg/kg					
Tetryl	479-45-8	mg/kg					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg					
Antimony	7440-36-0	mg/kg					
Arsenic	7440-38-2	mg/kg					
Barium	7440-39-3	mg/kg					
Beryllium	7440-41-7	mg/kg					
Cadmium	7440-43-9	mg/kg					
Calcium	7440-70-2	mg/kg					
Chromium	7440-47-3	mg/kg					
Cobalt	7440-48-4	mg/kg					
Copper	7440-50-8	mg/kg					
Iron	7439-89-6	mg/kg					
Lead	7439-92-1	mg/kg					
Magnesium	7439-95-4	mg/kg					
Manganese	7439-96-5	mg/kg					
Mercury	7439-97-6	mg/kg					
Nickel	7440-02-0	mg/kg					
Potassium	7440-09-7	mg/kg					
Selenium	7782-49-2	mg/kg					
Silver	7440-22-4	mg/kg					
Sodium	7440-23-5	mg/kg					
Thallium	7440-28-0	mg/kg					
Vanadium	7440-62-2	mg/kg					
Zinc	7440-66-6	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-035	F-138-SS-036	F-138-SS-036	F-138-SS-037	F-138-SS-038
		Sample Date	4/23/2001	9/7/2000	4/23/2001	9/7/2000	9/7/2000
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	138SS-35C(2-3)	138SS-36A(0-1)	138SS-36C(2-3)	138SS-37A(0-1)	138SS-38A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg					
Dithiane	51330-42-8	mg/kg					
PCBs							
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg					
Pesticides							
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg					
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg					
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg					
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg					
beta-BHC	319-85-7	mg/kg					
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg					
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg					
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg					
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg					
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg					
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg					
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-035	F-138-SS-036	F-138-SS-036	F-138-SS-037	F-138-SS-038
		Sample Date	4/23/2001	9/7/2000	4/23/2001	9/7/2000	9/7/2000
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	138SS-35C(2-3)	138SS-36A(0-1)	138SS-36C(2-3)	138SS-37A(0-1)	138SS-38A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg					
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg					
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg					
Parathion	56-38-2	mg/kg					
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg					
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg					
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg					
Supona	470-90-6	mg/kg					
Toxaphene	8001-35-2	mg/kg					
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,2-Diphenylhydrazine	122-66-7	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2,6-Dinitroaniline	606-22-4	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-035	F-138-SS-036	F-138-SS-036	F-138-SS-037	F-138-SS-038
		Sample Date	4/23/2001	9/7/2000	4/23/2001	9/7/2000	9/7/2000
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	138SS-35C(2-3)	138SS-36A(0-1)	138SS-36C(2-3)	138SS-37A(0-1)	138SS-38A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg	0.35 J	21 JD	< 0.45 U	9.8 JD	5.9 JD
Acenaphthylene	208-96-8	mg/kg	< 0.4 U	< 37 UD	< 0.45 U	< 12 UD	< 7.5 UD
Anthracene	120-12-7	mg/kg	0.77	32 JD	< 0.45 U	19 D	7.9 D
Benz(a)anthracene	56-55-3	mg/kg	1.4	89 D	0.19 J	46 D	18 D
Benzo(a)pyrene	50-32-8	mg/kg	1.8	78 D	0.23 J	40 D	15 D
Benzo(b)fluoranthene	205-99-2	mg/kg	5.8 D	97 D	0.22 J	51 D	20 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	2.3	41 D	0.19 J	23 D	7.1 JD
Benzo(k)fluoranthene	207-08-9	mg/kg	1.7	44 D	< 0.45 U	22 D	8.3 D
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Chrysene	218-01-9	mg/kg	5.9 D	110 D	0.23 J	55 D	22 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.4 U	13 JD	< 0.45 U	4.6 JD	2.3 JD
Dibenzofuran	132-64-9	mg/kg					
Dichlorobenzenes	25321-22-6	mg/kg					
Dicyclopentadiene	77-73-6	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Fluoranthene	206-44-0	mg/kg	13 D	200 D	0.39 J	100 D	43 D
Fluorene	86-73-7	mg/kg	0.46	23 JD	< 0.45 U	11 JD	6.7 JD
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	2.2	48 D	0.15 J	25 D	8.7 D
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg	< 0.4 U	19 JD	< 0.45 U	7.4 JD	8.2 D
N-Nitrosodimethylamine	62-75-9	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-035	F-138-SS-036	F-138-SS-036	F-138-SS-037	F-138-SS-038
		Sample Date	4/23/2001	9/7/2000	4/23/2001	9/7/2000	9/7/2000
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	138SS-35C(2-3)	138SS-36A(0-1)	138SS-36C(2-3)	138SS-37A(0-1)	138SS-38A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg	7.1 D	180 D	0.31 J	87 D	44 D
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg	11 D	160 D	0.36 J	87 D	35 D
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2,3-Trichlorobenzene	87-61-6	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					
1,3-Dichloropropane	142-28-9	mg/kg					
2,3,6-Trichlorophenol	933-75-5	mg/kg					
2-Butanone	78-93-3	mg/kg					
2-Chloroethyl vinyl ether	110-75-8	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acrylonitrile	107-13-1	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dibromochloropropane	96-12-8	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Methylene chloride	75-09-2	mg/kg					
m-Xylenes	108-38-3	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%	83.3	89.8	74.1	90.8	88
Cyanide	57-12-5	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-039	F-138-SS-040	F-138-SS-041	F-138-SS-042	F-138-SS-043
		Sample Date	9/7/2000	9/7/2000	4/23/2001	4/23/2001	4/23/2001
		Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	138SS-39A(0-1)	138SS-40B(1-2)	138SS-41A(0-1)	138SS-42A(0-1)	138SS-43A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					
1,3-Dinitrobenzene	99-65-0	mg/kg					
2,4,6-Trinitrotoluene	118-96-7	mg/kg					
3-Nitrotoluene	99-08-1	mg/kg					
HMX	2691-41-0	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrocellulose	9004-70-0	mg/kg					
Nitroglycerin	55-63-0	mg/kg					
PETN	78-11-5	mg/kg					
RDX	121-82-4	mg/kg					
Tetryl	479-45-8	mg/kg					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg					
Antimony	7440-36-0	mg/kg					
Arsenic	7440-38-2	mg/kg					
Barium	7440-39-3	mg/kg					
Beryllium	7440-41-7	mg/kg					
Cadmium	7440-43-9	mg/kg					
Calcium	7440-70-2	mg/kg					
Chromium	7440-47-3	mg/kg					
Cobalt	7440-48-4	mg/kg					
Copper	7440-50-8	mg/kg					
Iron	7439-89-6	mg/kg					
Lead	7439-92-1	mg/kg					
Magnesium	7439-95-4	mg/kg					
Manganese	7439-96-5	mg/kg					
Mercury	7439-97-6	mg/kg					
Nickel	7440-02-0	mg/kg					
Potassium	7440-09-7	mg/kg					
Selenium	7782-49-2	mg/kg					
Silver	7440-22-4	mg/kg					
Sodium	7440-23-5	mg/kg					
Thallium	7440-28-0	mg/kg					
Vanadium	7440-62-2	mg/kg					
Zinc	7440-66-6	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-039	F-138-SS-040	F-138-SS-041	F-138-SS-042	F-138-SS-043
		Sample Date	9/7/2000	9/7/2000	4/23/2001	4/23/2001	4/23/2001
		Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	138SS-39A(0-1)	138SS-40B(1-2)	138SS-41A(0-1)	138SS-42A(0-1)	138SS-43A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg					
Dithiane	51330-42-8	mg/kg					
PCBs							
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg					
Pesticides							
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg					
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg					
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg					
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg					
beta-BHC	319-85-7	mg/kg					
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg					
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg					
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg					
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg					
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg					
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg					
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-039	F-138-SS-040	F-138-SS-041	F-138-SS-042	F-138-SS-043
		Sample Date	9/7/2000	9/7/2000	4/23/2001	4/23/2001	4/23/2001
		Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	138SS-39A(0-1)	138SS-40B(1-2)	138SS-41A(0-1)	138SS-42A(0-1)	138SS-43A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg					
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg					
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg					
Parathion	56-38-2	mg/kg					
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg					
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg					
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg					
Supona	470-90-6	mg/kg					
Toxaphene	8001-35-2	mg/kg					
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,2-Diphenylhydrazine	122-66-7	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2,6-Dinitroaniline	606-22-4	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-039	F-138-SS-040	F-138-SS-041	F-138-SS-042	F-138-SS-043
		Sample Date	9/7/2000	9/7/2000	4/23/2001	4/23/2001	4/23/2001
		Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	138SS-39A(0-1)	138SS-40B(1-2)	138SS-41A(0-1)	138SS-42A(0-1)	138SS-43A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg	0.27 J	0.14 J	< 7 UD	0.24 J	< 7.2 UJD
Acenaphthylene	208-96-8	mg/kg	< 0.43 U	< 0.42 U	< 7 UD	< 0.4 U	< 7.2 UJD
Anthracene	120-12-7	mg/kg	0.59	0.31 J	< 7 UD	0.4	5.7 JD
Benz(a)anthracene	56-55-3	mg/kg	1.6	0.73	8.3 D	1.5	14 JD
Benzo(a)pyrene	50-32-8	mg/kg	1.7	0.72	7.9 D	1	14 D
Benzo(b)fluoranthene	205-99-2	mg/kg	2.2	1	12 D	2	16 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.9	0.4 J	4.3 JD	0.8	10 D
Benzo(k)fluoranthene	207-08-9	mg/kg	1	0.33 J	3.2 JD	0.79	9.8 D
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Chrysene	218-01-9	mg/kg	1.8	0.81	11 D	1.3	18 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.3 J	0.13 J	< 7 UD	0.25 J	< 7.2 UD
Dibenzofuran	132-64-9	mg/kg					
Dichlorobenzenes	25321-22-6	mg/kg					
Dicyclopentadiene	77-73-6	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Fluoranthene	206-44-0	mg/kg	3.2	1.7	22 D	2.8	47 JD
Fluorene	86-73-7	mg/kg	0.29 J	0.13 J	< 7 UD	0.18 J	< 7.2 UJD
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	1.1	0.45	4.4 JD	0.7	9.7 D
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg	0.09 J	0.09 J	< 7 UD	0.2 J	< 7.2 UD
N-Nitrosodimethylamine	62-75-9	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-039	F-138-SS-040	F-138-SS-041	F-138-SS-042	F-138-SS-043
		Sample Date	9/7/2000	9/7/2000	4/23/2001	4/23/2001	4/23/2001
		Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	138SS-39A(0-1)	138SS-40B(1-2)	138SS-41A(0-1)	138SS-42A(0-1)	138SS-43A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg	2.6	1.4	9.3 D	1.9	27 JD
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg	3.3	1.6	17 D	2.6	32 JD
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2,3-Trichlorobenzene	87-61-6	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					
1,3-Dichloropropane	142-28-9	mg/kg					
2,3,6-Trichlorophenol	933-75-5	mg/kg					
2-Butanone	78-93-3	mg/kg					
2-Chloroethyl vinyl ether	110-75-8	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acrylonitrile	107-13-1	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dibromochloropropane	96-12-8	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Methylene chloride	75-09-2	mg/kg					
m-Xylenes	108-38-3	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%	76.8	78.7	93.8	82.2	91.2
Cyanide	57-12-5	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-044	F-138-SS-045	F-138-SS-045	F-138-SS-046	F-MW138-1
		Sample Date	4/23/2001	4/23/2001	4/23/2001	4/23/2001	11/21/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	8 - 10
		Sample ID	138SS-44A(0-1)	138SS-45A(0-1)	138SS-45ADUP(0-1)	138SS-46A(0-1)	MW138-1D(8-10)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg					< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg					< 2 U
3-Nitrotoluene	99-08-1	mg/kg					
HMX	2691-41-0	mg/kg					< 2 U
Nitrobenzene	98-95-3	mg/kg					< 1.14 U
Nitrobenzene	98-95-3	mg/kg					
Nitrocellulose	9004-70-0	mg/kg					168
Nitroglycerin	55-63-0	mg/kg					< 0.51 U
PETN	78-11-5	mg/kg					< 1 U
RDX	121-82-4	mg/kg					< 1.28 U
Tetryl	479-45-8	mg/kg					< 2.11 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg					< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg					10900
Antimony	7440-36-0	mg/kg					< 1 U
Arsenic	7440-38-2	mg/kg					3.74
Barium	7440-39-3	mg/kg					43
Beryllium	7440-41-7	mg/kg					< 0.427 U
Cadmium	7440-43-9	mg/kg					< 1.2 U
Calcium	7440-70-2	mg/kg					1620
Chromium	7440-47-3	mg/kg					11.9
Cobalt	7440-48-4	mg/kg					7.38
Copper	7440-50-8	mg/kg					17.4
Iron	7439-89-6	mg/kg					19400
Lead	7439-92-1	mg/kg					< 7.44 U
Magnesium	7439-95-4	mg/kg					2060
Manganese	7439-96-5	mg/kg					297
Mercury	7439-97-6	mg/kg					0.07
Nickel	7440-02-0	mg/kg					6.66
Potassium	7440-09-7	mg/kg					1310
Selenium	7782-49-2	mg/kg					< 0.449 U
Silver	7440-22-4	mg/kg					< 0.803 U
Sodium	7440-23-5	mg/kg					134
Thallium	7440-28-0	mg/kg					< 34.3 U
Vanadium	7440-62-2	mg/kg					20.5
Zinc	7440-66-6	mg/kg					22.8

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
			138	F-138-SS-044	4/23/2001	0 - 1	138SS-44A(0-1)	SO
			138	F-138-SS-045	4/23/2001	0 - 1	138SS-45A(0-1)	SO
			138	F-138-SS-045	4/23/2001	0 - 1	138SS-45ADUP(0-1)	SO
			138	F-138-SS-046	4/23/2001	0 - 1	138SS-46A(0-1)	SO
			138	F-MW138-1	11/21/1993	8 - 10	MW138-1D(8-10)	SO
Other								
1,4-Oxathiane	15980-15-1	mg/kg						
Dithiane	51330-42-8	mg/kg						
PCBs								
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg						
Aroclor 1232	11141-16-5	mg/kg						
Aroclor 1242	53469-21-9	mg/kg						
Aroclor 1248	12672-29-6	mg/kg						
Aroclor 1254	11097-69-1	mg/kg						
Aroclor 1260	11096-82-5	mg/kg						
Aroclor 1260	11096-82-5	mg/kg						
Aroclor 1262	37324-23-5	mg/kg						
Pesticides								
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
Aldrin	309-00-2	mg/kg						
Aldrin	309-00-2	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-Chlordane	5103-71-9	mg/kg						
Atrazine	1912-24-9	mg/kg						
beta-BHC	319-85-7	mg/kg						
beta-BHC	319-85-7	mg/kg						
Chlordane	57-74-9	mg/kg						
Chlordane	57-74-9	mg/kg						
delta-BHC	319-86-8	mg/kg						
delta-BHC	319-86-8	mg/kg						
Dieldrin	60-57-1	mg/kg						
Dieldrin	60-57-1	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin	72-20-8	mg/kg						

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-044	F-138-SS-045	F-138-SS-045	F-138-SS-046	F-MW138-1
		Sample Date	4/23/2001	4/23/2001	4/23/2001	4/23/2001	11/21/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	8 - 10
		Sample ID	138SS-44A(0-1)	138SS-45A(0-1)	138SS-45ADUP(0-1)	138SS-46A(0-1)	MW138-1D(8-10)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg					
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg					
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg					
Parathion	56-38-2	mg/kg					
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg					
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg					
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg					
Supona	470-90-6	mg/kg					
Toxaphene	8001-35-2	mg/kg					
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,2-Diphenylhydrazine	122-66-7	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2,6-Dinitroaniline	606-22-4	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-044	F-138-SS-045	F-138-SS-045	F-138-SS-046	F-MW138-1
		Sample Date	4/23/2001	4/23/2001	4/23/2001	4/23/2001	11/21/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	8 - 10
		Sample ID	138SS-44A(0-1)	138SS-45A(0-1)	138SS-45ADUP(0-1)	138SS-46A(0-1)	MW138-1D(8-10)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg	< 7.8 UD	< 0.36 UJ	< 0.36 U	< 9.3 UJD	
Acenaphthylene	208-96-8	mg/kg	< 7.8 UD	< 0.36 UJ	< 0.36 U	< 9.3 UJD	
Anthracene	120-12-7	mg/kg	2.8 JD	0.17 J	0.16 J	3.6 JD	
Benz(a)anthracene	56-55-3	mg/kg	6.5 JD	0.45 J	0.62	10 JD	
Benzo(a)pyrene	50-32-8	mg/kg	6.6 JD	0.5	0.72	12 D	
Benzo(b)fluoranthene	205-99-2	mg/kg	6.8 JD	0.56	0.86	13 D	
Benzo(g,h,i)perylene	191-24-2	mg/kg	4 JD	0.19 J	0.42	6.4 JD	
Benzo(k)fluoranthene	207-08-9	mg/kg	4 JD	0.38	0.4	7 JD	
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Chrysene	218-01-9	mg/kg	7.8 D	0.58 J	0.75	15 D	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 7.8 UD	< 0.36 U	< 0.36 U	< 9.3 UD	
Dibenzofuran	132-64-9	mg/kg					
Dichlorobenzenes	25321-22-6	mg/kg					< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Fluoranthene	206-44-0	mg/kg	15 D	1.2	1.6	28 JD	
Fluorene	86-73-7	mg/kg	< 7.8 UD	< 0.36 UJ	< 0.36 U	< 9.3 UJD	
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	3.4 JD	0.31 J	0.37	6.2 JD	
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg	< 7.8 UD	< 0.36 U	0.13 J	< 9.3 UD	
N-Nitrosodimethylamine	62-75-9	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-138-SS-044	F-138-SS-045	F-138-SS-045	F-138-SS-046	F-MW138-1
		Sample Date	4/23/2001	4/23/2001	4/23/2001	4/23/2001	11/21/1993
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	8 - 10
		Sample ID	138SS-44A(0-1)	138SS-45A(0-1)	138SS-45ADUP(0-1)	138SS-46A(0-1)	MW138-1D(8-10)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg	11 D	0.76	1	16 JD	
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg	13 D	1.1 J	1.5	25 JD	
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg					< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg					< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg					< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg					< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg					< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg					< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg					
2-Butanone	78-93-3	mg/kg					< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg					< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					< 0.63 U
Acetone	67-64-1	mg/kg					< 3.3 U
Acrylonitrile	107-13-1	mg/kg					< 2 U
Benzene	71-43-2	mg/kg					< 0.1 U
Bromodichloromethane	75-27-4	mg/kg					< 0.2 U
Bromoform	75-25-2	mg/kg					< 0.2 U
Bromomethane	74-83-9	mg/kg					< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg					< 0.31 U
Chlorobenzene	108-90-7	mg/kg					< 0.1 U
Chloroethane	75-00-3	mg/kg					< 0.64 U
Chloroform	67-66-3	mg/kg					< 0.24 U
Chloromethane	74-87-3	mg/kg					< 0.96 U
Dibromochloromethane	124-48-1	mg/kg					< 0.25 U
Dibromochloropropane	96-12-8	mg/kg					
Ethyl benzene	100-41-4	mg/kg					< 0.19 U
Methylene chloride	75-09-2	mg/kg					< 4.4 U
m-Xylenes	108-38-3	mg/kg					< 0.23 U
Tetrachloroethene	127-18-4	mg/kg					< 0.16 U
Toluene	108-88-3	mg/kg					< 0.1 U
Trichloroethene	79-01-6	mg/kg					< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg					< 0.23 U
Vinyl chloride	75-01-4	mg/kg					< 1.8 U
Xylenes	1330-20-7	mg/kg					< 0.78 U
WetChem							
% Solids	%Solid	%	84.7	91.4	92	71.3	
Cyanide	57-12-5	mg/kg					< 0.25 U

		Site Name	138	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/21/1993	11/21/1993	11/21/1993	11/22/1993	11/22/1993
		Depth Interval	0 - 2	0 - 2	6 - 8	4 - 6	2 - 4
		Sample ID	MW138-1A(0-2)	MW138-1B(0-2)	MW138-1C(6-8)	MW138-2D(4-6)	MW138-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 U		< 0.922 U	< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 U		< 0.504 U	< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 U		< 2 U	< 2 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg				< 0.34 U	< 0.34 U
HMX	2691-41-0	mg/kg	< 2 U		< 2 U	< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	< 1.14 U		< 1.14 U	< 1.14 U	< 1.14 U
Nitrobenzene	98-95-3	mg/kg				< 1.8 U	< 1.8 U
Nitrocellulose	9004-70-0	mg/kg	106		39.7	160	115
Nitroglycerin	55-63-0	mg/kg	12		< 0.51 U	< 0.51 U	< 0.51 U
PETN	78-11-5	mg/kg	< 1 U		< 1 U	< 1 U	< 1 U
RDX	121-82-4	mg/kg	< 1.28 U		< 1.28 U	< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg	< 2.11 U		< 2.11 U	< 2.11 U	< 2.11 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 U		< 2.5 U	< 1.4 U	< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg				< 2.5 U	< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 U		< 2 U	< 2 U	< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg				< 0.32 U	< 0.32 U
Metals							
Aluminum	7429-90-5	mg/kg	10200		12300	13400	24900
Antimony	7440-36-0	mg/kg	3.68		< 1 U	< 1 U	< 1 U
Arsenic	7440-38-2	mg/kg	8.08		2.7	4.38	5.74
Barium	7440-39-3	mg/kg	145		46.2	44	134
Beryllium	7440-41-7	mg/kg	< 0.427 U		< 0.427 U	< 0.427 U	0.53
Cadmium	7440-43-9	mg/kg	2.36		< 1.2 U	< 1.2 U	< 1.2 U
Calcium	7440-70-2	mg/kg	6440		2620	1340	26600
Chromium	7440-47-3	mg/kg	18.9		15.4	17.2	20.6
Cobalt	7440-48-4	mg/kg	6.47		8.16	10.2	9.86
Copper	7440-50-8	mg/kg	62.7		18.3	20.9	16
Iron	7439-89-6	mg/kg	25800		25100	34700	36700
Lead	7439-92-1	mg/kg	167		8.74	8.64	16.4
Magnesium	7439-95-4	mg/kg	3230		2440	3850	12500
Manganese	7439-96-5	mg/kg	1010		366	549	1500 D
Mercury	7439-97-6	mg/kg	7.5 D		0.15	< 0.05 U	0.06
Nickel	7440-02-0	mg/kg	13.2		9.03	17	11.9
Potassium	7440-09-7	mg/kg	767		958	1000	2910
Selenium	7782-49-2	mg/kg	< 0.449 U		< 0.449 U	< 0.449 U	< 0.449 U
Silver	7440-22-4	mg/kg	< 0.803 U		< 0.803 U	< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg	148		167	93.8	1280
Thallium	7440-28-0	mg/kg	< 34.3 U		< 34.3 U	< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg	23.3		27.5	25.1	35.7
Zinc	7440-66-6	mg/kg	219		32.6	37.2	45.4

		Site Name	138	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/21/1993	11/21/1993	11/21/1993	11/22/1993	11/22/1993
		Depth Interval	0 - 2	0 - 2	6 - 8	4 - 6	2 - 4
		Sample ID	MW138-1A(0-2)	MW138-1B(0-2)	MW138-1C(6-8)	MW138-2D(4-6)	MW138-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg				< 0.075 U	< 0.075 U
Dithiane	51330-42-8	mg/kg				< 0.065 U	< 0.065 U
PCBs							
Aroclor 1016	12674-11-2	mg/kg				< 0.32 U	< 0.32 U
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg				< 0.79 U	< 0.79 U
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg				< 6.3 U	< 6.3 U
Pesticides							
4,4'-DDD	72-54-8	mg/kg				< 0.064 U	< 0.064 U
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg				< 0.068 U	< 0.068 U
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg				< 0.1 U	< 0.1 U
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg				< 1.3 U	< 1.3 U
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg				< 1.3 U	< 1.3 U
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg				< 0.065 U	< 0.065 U
beta-BHC	319-85-7	mg/kg				< 1.3 U	< 1.3 U
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg				< 0.68 U	< 0.68 U
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg				< 0.21 U	< 0.21 U
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg				< 0.079 U	< 0.079 U
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg				< 0.4 U	< 0.4 U
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg				< 2.4 U	< 2.4 U
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg				< 1.2 U	< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg				< 1.3 U	< 1.3 U
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/21/1993	11/21/1993	11/21/1993	11/22/1993	11/22/1993
		Depth Interval	0 - 2	0 - 2	6 - 8	4 - 6	2 - 4
		Sample ID	MW138-1A(0-2)	MW138-1B(0-2)	MW138-1C(6-8)	MW138-2D(4-6)	MW138-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg				< 1.8 U	< 1.8 U
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg				< 0.1 U	< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg				< 0.24 U	< 0.24 U
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg				< 0.48 U	< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg				< 0.48 U	< 0.48 U
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg				< 0.18 U	< 0.18 U
Methoxychlor	72-43-5	mg/kg				< 0.26 U	< 0.26 U
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg				< 0.14 U	< 0.14 U
Parathion	56-38-2	mg/kg				< 1.7 U	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg				< 0.097 U	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg				< 0.066 U	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg				< 0.32 U	< 0.32 U
Supona	470-90-6	mg/kg				< 0.92 U	< 0.92 U
Toxaphene	8001-35-2	mg/kg				< 12 U	< 12 U
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg				< 0.068 U	< 0.068 U
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg				< 0.22 U	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg				< 0.042 U	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg				< 0.52 U	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.14 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				< 0.14 U	< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg				< 0.034 U	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg				< 0.49 U	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg				< 0.061 U	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg				< 0.065 U	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg				< 3 U	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg				< 4.7 U	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg				< 0.57 U	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg				< 0.24 U	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg				< 0.055 U	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg				< 0.032 U	< 0.032 U
2-Methylphenol	95-48-7	mg/kg				< 0.098 U	< 0.098 U
2-Nitrophenol	88-75-5	mg/kg				< 1.1 U	< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg				< 1.6 U	< 1.6 U

		Site Name	138	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/21/1993	11/21/1993	11/21/1993	11/22/1993	11/22/1993
		Depth Interval	0 - 2	0 - 2	6 - 8	4 - 6	2 - 4
		Sample ID	MW138-1A(0-2)	MW138-1B(0-2)	MW138-1C(6-8)	MW138-2D(4-6)	MW138-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg				< 1.6 U	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg				< 3 U	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg				< 0.8 U	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg				< 0.041 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg				< 0.93 U	< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg				< 0.17 U	< 0.17 U
4-Methylphenol	106-44-5	mg/kg				< 0.24 U#	< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg				< 3.3 U	< 3.3 U
Acenaphthene	83-32-9	mg/kg				< 0.041 U	< 0.041 U
Acenaphthylene	208-96-8	mg/kg				< 0.033 U	< 0.033 U
Anthracene	120-12-7	mg/kg				< 0.71 U	< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg				< 0.041 U	< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg				< 1.2 U	< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg				< 0.31 U	< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg				< 0.18 U	< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg				< 0.13 U	< 0.13 U
Benzyl alcohol	100-51-6	mg/kg				< 0.032 U	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg				< 0.19 U	< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg				< 0.36 U	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg				< 0.44 U	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg				< 0.48 U	< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg				< 1.8 U	< 1.8 U
Chrysene	218-01-9	mg/kg				< 0.032 U	< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg				< 0.31 U	< 0.31 U
Dibenzofuran	132-64-9	mg/kg				< 0.38 U	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg				< 0.57 U	< 0.57 U
Diethylphthalate	84-66-2	mg/kg				< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg				< 0.063 U	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg				2.3	< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg				< 0.23 U	< 0.23 U
Fluoranthene	206-44-0	mg/kg				< 0.032 U	< 0.032 U
Fluorene	86-73-7	mg/kg				< 0.065 U	< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg				< 0.08 U	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg				< 0.97 U	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg				< 0.52 U	< 0.52 U
Hexachloroethane	67-72-1	mg/kg				< 1.8 U	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg				< 2.4 U	< 2.4 U
Isophorone	78-59-1	mg/kg				< 0.39 U	< 0.39 U
Naphthalene	91-20-3	mg/kg				< 0.74 U	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg				< 0.46 U	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg				< 1.1 U	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg				< 0.29 U	< 0.29 U

		Site Name	138	138	138	138	138
		Location ID	F-MW138-1	F-MW138-1	F-MW138-1	F-MW138-2	F-MW138-2
		Sample Date	11/21/1993	11/21/1993	11/21/1993	11/22/1993	11/22/1993
		Depth Interval	0 - 2	0 - 2	6 - 8	4 - 6	2 - 4
		Sample ID	MW138-1A(0-2)	MW138-1B(0-2)	MW138-1C(6-8)	MW138-2D(4-6)	MW138-2C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg				< 0.76 U	< 0.76 U
Phenanthrene	85-01-8	mg/kg				< 0.032 U	< 0.032 U
Phenol	108-95-2	mg/kg				< 0.052 U	< 0.052 U
Pyrene	129-00-0	mg/kg				< 0.083 U	< 0.083 U
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U	< 0.33 U	< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U	< 0.49 U	< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U	< 0.27 U	< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg				< 0.032 U	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U	< 0.53 U	< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg				< 0.62 U	< 0.62 U
2-Butanone	78-93-3	mg/kg		< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U	< 0.63 U	< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U	< 2 U	< 2 U	< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U	< 0.64 U	< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U	< 0.96 U	< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg				< 0.071 U	< 0.071 U
Ethyl benzene	100-41-4	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U	< 0.78 U	< 0.78 U	< 0.78 U
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U

		Site Name	138	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-SB138-1	F-SB138-1	F-SB138-1
		Sample Date	11/22/1993	11/22/1993	1/5/1994	1/5/1994	1/5/1994
		Depth Interval	0 - 2	0 - 2	0 - 2	0 - 2	2 - 4
		Sample ID	MW138-2B(0-2)	MW138-2A(0-2)	SB138-1A(0-2)	SB138-1B(0-2)	SB138-1C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg		< 0.922 U	< 0.922 UJ		< 0.922 UJ
1,3-Dinitrobenzene	99-65-0	mg/kg		< 0.504 U	< 0.504 UJ		< 0.504 UJ
2,4,6-Trinitrotoluene	118-96-7	mg/kg		< 2 U	< 2 UJ		< 2 UJ
3-Nitrotoluene	99-08-1	mg/kg		< 0.34 U	< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg		< 2 U	< 2 UJ		< 2 UJ
Nitrobenzene	98-95-3	mg/kg		< 1.14 U	< 1.14 UJ		< 1.8 U
Nitrobenzene	98-95-3	mg/kg		< 1.8 U	< 1.8 U		< 1.14 UJ
Nitrocellulose	9004-70-0	mg/kg		493	44.5		< 23.1 U
Nitroglycerin	55-63-0	mg/kg		0.76 N	< 0.51 U		< 0.51 U
PETN	78-11-5	mg/kg		< 1 U	< 1 U		< 1 U
RDX	121-82-4	mg/kg		< 1.28 U	< 1.28 UJ		< 1.28 UJ
Tetryl	479-45-8	mg/kg		< 2.11 U	< 2.11 UJ		< 2.11 UJ
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg		< 2.5 U	< 1.4 U		< 2.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg		< 1.4 U	< 2.5 UJ		< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg		< 2 U	< 0.32 U		< 2 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.32 U	< 2 UJ		< 0.32 U
Metals							
Aluminum	7429-90-5	mg/kg		5620	10800		10400
Antimony	7440-36-0	mg/kg		< 1 U	< 1 U		< 1 U
Arsenic	7440-38-2	mg/kg		8.27	5.08		4.07
Barium	7440-39-3	mg/kg		39.4	54.2		56.8
Beryllium	7440-41-7	mg/kg		< 0.427 U	0.68		< 0.427 U
Cadmium	7440-43-9	mg/kg		< 1.2 U	< 1.2 U		< 1.2 U
Calcium	7440-70-2	mg/kg		2050	5470		6880
Chromium	7440-47-3	mg/kg		6.81	21.6		14.3
Cobalt	7440-48-4	mg/kg		< 2.5 U	6.87		7.17
Copper	7440-50-8	mg/kg		23.8	19.9		16.2
Iron	7439-89-6	mg/kg		13000	30400		24400
Lead	7439-92-1	mg/kg		23.2	26.8		353
Magnesium	7439-95-4	mg/kg		1170	4320		2230
Manganese	7439-96-5	mg/kg		332	334		370
Mercury	7439-97-6	mg/kg		< 0.05 U	0.64		0.79
Nickel	7440-02-0	mg/kg		3.63	13.3		24.4
Potassium	7440-09-7	mg/kg		404	923		957
Selenium	7782-49-2	mg/kg		0.54	< 0.449 U		< 0.449 U
Silver	7440-22-4	mg/kg		< 0.803 U	< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg		102	117		76.9
Thallium	7440-28-0	mg/kg		< 34.3 U	< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg		10.9	35.2		36.8
Zinc	7440-66-6	mg/kg		40.3	56.7		68.6

		Site Name	138	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-SB138-1	F-SB138-1	F-SB138-1
		Sample Date	11/22/1993	11/22/1993	1/5/1994	1/5/1994	1/5/1994
		Depth Interval	0 - 2	0 - 2	0 - 2	0 - 2	2 - 4
		Sample ID	MW138-2B(0-2)	MW138-2A(0-2)	SB138-1A(0-2)	SB138-1B(0-2)	SB138-1C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg		< 0.075 U	< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg		< 0.065 U	< 0.065 U		< 0.065 U
PCBs							
Aroclor 1016	12674-11-2	mg/kg		< 0.32 U	< 0.32 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg		< 0.79 U	< 0.79 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg		< 6.3 U	< 6.3 U		< 6.3 U
Pesticides							
4,4'-DDD	72-54-8	mg/kg		< 0.064 U	< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg		< 0.068 U	< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg		< 0.1 U	< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg		< 1.3 U	< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg		< 1.3 U	< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg		< 0.065 U	< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg		< 1.3 U	< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg		< 0.68 U	< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg		< 0.21 U	< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg		< 0.079 U	< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg		< 0.4 U	< 0.4 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg		< 2.4 U	< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg		< 1.2 U	< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg		< 1.3 U	< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-SB138-1	F-SB138-1	F-SB138-1
		Sample Date	11/22/1993	11/22/1993	1/5/1994	1/5/1994	1/5/1994
		Depth Interval	0 - 2	0 - 2	0 - 2	0 - 2	2 - 4
		Sample ID	MW138-2B(0-2)	MW138-2A(0-2)	SB138-1A(0-2)	SB138-1B(0-2)	SB138-1C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg		< 1.8 U	< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg		< 0.1 U	< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg		< 0.24 U	< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg		< 0.48 U	< 0.48 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg		< 0.48 U	< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg		< 0.18 U	< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg		< 0.26 U	< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg		< 0.14 U	< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg		< 1.7 U	< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg		< 0.097 U	< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg		< 0.066 U	< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg		< 0.32 U	< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg		< 0.92 U	< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg		< 12 U	< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg		< 0.068 U	< 0.068 U		< 0.068 U
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.22 U	< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.042 U	< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg		< 0.52 U	< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.14 U	< 0.042 U	< 0.042 U	< 0.14 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg					< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.034 U	< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.49 U	< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.061 U	< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.065 U	< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg		< 3 U	< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg		< 4.7 U	< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg		< 0.57 U	< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg		< 0.24 U	< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg		< 0.055 U	< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg		< 0.032 U	< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg		< 0.098 U	< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg		< 1.1 U	< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 1.6 U	< 1.6 U		< 1.6 U

		Site Name	138	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-SB138-1	F-SB138-1	F-SB138-1
		Sample Date	11/22/1993	11/22/1993	1/5/1994	1/5/1994	1/5/1994
		Depth Interval	0 - 2	0 - 2	0 - 2	0 - 2	2 - 4
		Sample ID	MW138-2B(0-2)	MW138-2A(0-2)	SB138-1A(0-2)	SB138-1B(0-2)	SB138-1C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg		< 1.6 U	< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg		< 3 U	< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 0.8 U	< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.041 U	< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.93 U	< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.17 U	< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg		< 0.24 U#	< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg		< 3.3 U	< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg		< 0.041 U	0.15		< 0.041 U
Acenaphthylene	208-96-8	mg/kg		< 0.033 U	< 0.033 U		< 0.033 U
Anthracene	120-12-7	mg/kg		< 0.71 U	< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg		< 0.041 U	9.7		0.76
Benzo(a)pyrene	50-32-8	mg/kg		< 1.2 U	7.7		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg		< 0.31 U	10		1.8
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.18 U	13		2
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.13 U	13		1
Benzyl alcohol	100-51-6	mg/kg		< 0.032 U	< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.19 U	< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.36 U	< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.44 U	< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.48 U	< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg		< 1.8 U	< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg		0.4	9.2		1
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.31 U	1.7		< 0.31 U
Dibenzofuran	132-64-9	mg/kg		< 0.38 U	0.05 J		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg		< 0.57 U	< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg		< 0.24 U	< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg		< 0.063 U	< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg		1.7	< 1.3 U		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg		< 0.23 U	< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg		0.36	5.6		0.69
Fluorene	86-73-7	mg/kg		< 0.065 U	0.14		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg		< 0.08 U	< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg		< 0.97 U	< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 0.52 U	< 0.52 U		< 0.52 U
Hexachloroethane	67-72-1	mg/kg		< 1.8 U	< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 2.4 U	10		< 2.4 U
Isophorone	78-59-1	mg/kg		< 0.39 U	< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg		< 0.74 U	< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg		< 0.46 U	< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 1.1 U	< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.29 U	< 0.29 U		< 0.29 U

		Site Name	138	138	138	138	138
		Location ID	F-MW138-2	F-MW138-2	F-SB138-1	F-SB138-1	F-SB138-1
		Sample Date	11/22/1993	11/22/1993	1/5/1994	1/5/1994	1/5/1994
		Depth Interval	0 - 2	0 - 2	0 - 2	0 - 2	2 - 4
		Sample ID	MW138-2B(0-2)	MW138-2A(0-2)	SB138-1A(0-2)	SB138-1B(0-2)	SB138-1C(2-4)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg		< 0.76 U	< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg		0.34	1.9		0.53
Phenol	108-95-2	mg/kg		< 0.052 U	< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg		0.47	7.9		1.2
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U			< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U			< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U			< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg		< 0.032 U	< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U			< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U			< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U			< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg		< 0.62 U	< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	< 4.3 U			< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U			< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U			< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg	< 3.3 U			< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg	< 2 U			< 2 U	< 2 U
Benzene	71-43-2	mg/kg	< 0.1 U			< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg	< 0.26 U			< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U			< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg	< 0.1 U			< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg	< 0.64 U			< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg	< 0.24 U			< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg	< 0.96 U			< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U			< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg		< 0.071 U	< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	< 0.19 U			< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg	< 4.4 U			< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg	< 0.23 U			< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U			< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg	< 0.1 U			< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg	< 0.23 U			< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U			< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U			< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg	< 0.78 U			< 0.78 U	< 0.78 U
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg		< 0.25 U	< 0.25 U		< 0.25 U

		Site Name	138	138	138	138	138
		Location ID	F-SB138-1	F-SS138-1	F-SS138-1	F-SS138-10	F-SS138-10
		Sample Date	1/5/1994	10/20/1993	10/20/1993	10/22/1993	10/22/1993
		Depth Interval	4 - 6	.5 - 1	0 - .5	0 - .5	.5 - 1
		Sample ID	SB138-1D(4-6)	SS138-1B(0.5-1)	SS138-1A(0-0.5)	SS138-10A(0-0.5)	SS138-10B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 UJ		< 0.922 U	< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 UJ		< 0.504 U	< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 UJ		< 2 U	< 2 U	
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	< 0.34 U	
HMX	2691-41-0	mg/kg	< 2 UJ		< 2 U	< 2 U	
Nitrobenzene	98-95-3	mg/kg	< 1.14 UJ		< 1.14 U	< 1.8 U	
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.8 U	< 1.14 U	
Nitrocellulose	9004-70-0	mg/kg	< 23.1 U		< 23.1 U	49	
Nitroglycerin	55-63-0	mg/kg	< 0.51 U		< 0.51 U	< 0.51 U	
PETN	78-11-5	mg/kg	< 1 U		< 1 U	< 1 U	
RDX	121-82-4	mg/kg	< 1.28 UJ		< 1.28 U	< 1.28 U	
Tetryl	479-45-8	mg/kg	< 2.11 UJ		< 2.11 U	< 2.11 U	
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U	< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 UJ		< 2.5 U	< 2.5 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U	< 2 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 UJ		< 2 U	< 0.32 U	
Metals							
Aluminum	7429-90-5	mg/kg	13100		12300	11100	
Antimony	7440-36-0	mg/kg	< 1 U		< 1 U	< 1 U	
Arsenic	7440-38-2	mg/kg	3.94		4.67	34.4	
Barium	7440-39-3	mg/kg	43.8		52.4	149	
Beryllium	7440-41-7	mg/kg	0.59		0.52	0.97	
Cadmium	7440-43-9	mg/kg	< 1.2 U		< 1.2 U	2.07	
Calcium	7440-70-2	mg/kg	2130		5140	4950	
Chromium	7440-47-3	mg/kg	14.5		16.5	19.6	
Cobalt	7440-48-4	mg/kg	5.75		7.4	8.17	
Copper	7440-50-8	mg/kg	8.31		18.5	55.7	
Iron	7439-89-6	mg/kg	24500		38600	22000	
Lead	7439-92-1	mg/kg	9.71		22.4	346	
Magnesium	7439-95-4	mg/kg	2480		5270	3490	
Manganese	7439-96-5	mg/kg	152		194	428	
Mercury	7439-97-6	mg/kg	0.16		0.19	1.2 D	
Nickel	7440-02-0	mg/kg	10.2		12.3	21.3	
Potassium	7440-09-7	mg/kg	1150		3030	1250	
Selenium	7782-49-2	mg/kg	< 0.449 U		< 0.449 U	1.55	
Silver	7440-22-4	mg/kg	< 0.803 U		< 0.803 U	< 0.803 U	
Sodium	7440-23-5	mg/kg	61.9		157	132	
Thallium	7440-28-0	mg/kg	< 34.3 U		< 34.3 U	< 34.3 U	
Vanadium	7440-62-2	mg/kg	27.9		36.3	30.9	
Zinc	7440-66-6	mg/kg	37.2		46.7	322	

Chemical Name	CAS No	Unit	Site Name: 138 Location ID: F-SB138-1 Sample Date: 1/5/1994 Depth Interval: 4 - 6 Sample ID: SB138-1D(4-6) Sample Matrix: SO	Site Name: 138 Location ID: F-SS138-1 Sample Date: 10/20/1993 Depth Interval: .5 - 1 Sample ID: SS138-1B(0.5-1) Sample Matrix: SO	Site Name: 138 Location ID: F-SS138-1 Sample Date: 10/20/1993 Depth Interval: 0 - .5 Sample ID: SS138-1A(0-0.5) Sample Matrix: SO	Site Name: 138 Location ID: F-SS138-10 Sample Date: 10/22/1993 Depth Interval: 0 - .5 Sample ID: SS138-10A(0-0.5) Sample Matrix: SO	Site Name: 138 Location ID: F-SS138-10 Sample Date: 10/22/1993 Depth Interval: .5 - 1 Sample ID: SS138-10B(0.5-1) Sample Matrix: SO
Other							
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	< 0.065 U	
PCBs							
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U	< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg			< 0.1 U	< 0.1 U	
Aroclor 1221	11104-28-2	mg/kg			< 0.1 UT	< 0.1 UT	
Aroclor 1232	11141-16-5	mg/kg			< 0.1 UT	< 0.1 UT	
Aroclor 1242	53469-21-9	mg/kg			< 0.1 UT	< 0.1 UT	
Aroclor 1248	12672-29-6	mg/kg			< 0.1 UT	< 0.1 UT	
Aroclor 1254	11097-69-1	mg/kg			< 0.0479 UT	< 0.0479 UT	
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.0479 U	1.8	
Aroclor 1260	11096-82-5	mg/kg			< 0.79 U	< 0.79 U	
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	< 6.3 U	
Pesticides							
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.27 U	< 0.058 ND	
4,4'-DDD	72-54-8	mg/kg			< 0.064 U	< 0.064 U	
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.068 U	< 0.068 U	
4,4'-DDE	72-55-9	mg/kg			< 0.27 U	0.06	
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		0.71 N	< 0.1 U	
4,4'-DDT	50-29-3	mg/kg			< 0.1 U	0.32 D	
Aldrin	309-00-2	mg/kg	< 1.3 U		< 0.14 U	< 0.14 U	
Aldrin	309-00-2	mg/kg			< 1.3 U	< 1.3 U	
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 0.28 U	< 1.3 U	
alpha-BHC	319-84-6	mg/kg			< 1.3 U	< 0.28 U	
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	< 0.77 U	
beta-BHC	319-85-7	mg/kg			< 0.77 U	< 1.3 U	
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.68 U	< 0.0684 U	
Chlordane	57-74-9	mg/kg			< 0.0684 U	< 0.68 U	
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.85 U	< 0.85 U	
delta-BHC	319-86-8	mg/kg			< 0.21 U	< 0.21 U	
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U	0.29 D	
Dieldrin	60-57-1	mg/kg			< 0.16 U	< 0.079 U	
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U	< 0.1 U	
Endosulfan I	959-98-8	mg/kg			< 0.1 U	< 0.4 U	
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U	< 2.4 U	
Endosulfan II	33213-65-9	mg/kg			< 0.07 U	< 0.07 U	
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 0.05 UTN	0.03 N	
Endosulfan sulfate	1031-07-8	mg/kg			< 1.2 U	< 1.2 U	
Endrin	72-20-8	mg/kg	< 1.3 U		< 0.65 U	< 1.3 U	
Endrin	72-20-8	mg/kg			< 1.3 U	< 0.65 U	

		Site Name	138	138	138	138	138
		Location ID	F-SB138-1	F-SS138-1	F-SS138-1	F-SS138-10	F-SS138-10
		Sample Date	1/5/1994	10/20/1993	10/20/1993	10/22/1993	10/22/1993
		Depth Interval	4 - 6	.5 - 1	0 - .5	0 - .5	.5 - 1
		Sample ID	SB138-1D(4-6)	SS138-1B(0.5-1)	SS138-1A(0-0.5)	SS138-10A(0-0.5)	SS138-10B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	< 1.8 U	
Endrin ketone	53494-70-5	mg/kg			< 0.05 UT	0.07 N	
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.1 U	< 0.1 U	
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.22 U	< 0.22 U	
Heptachlor	76-44-8	mg/kg			< 0.24 U	< 0.24 U	
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg			< 0.13 U	< 0.13 U	
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.48 U	< 0.48 U	
Isodrin	465-73-6	mg/kg			< 0.3 U	< 0.3 U	
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	< 0.0359 U	
Methoxychlor	72-43-5	mg/kg			< 0.0359 U	< 0.26 U	
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	< 0.226 U	
Toxaphene	8001-35-2	mg/kg			< 0.226 U	< 12 U	
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	< 0.068 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.2 U	< 0.2 U			< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.14 U	< 0.14 U	< 0.042 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U		< 0.032 U	0.48	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	< 1.6 U	

		Site Name	138	138	138	138	138
		Location ID	F-SB138-1	F-SS138-1	F-SS138-1	F-SS138-10	F-SS138-10
		Sample Date	1/5/1994	10/20/1993	10/20/1993	10/22/1993	10/22/1993
		Depth Interval	4 - 6	.5 - 1	0 - .5	0 - .5	.5 - 1
		Sample ID	SB138-1D(4-6)	SS138-1B(0.5-1)	SS138-1A(0-0.5)	SS138-10A(0-0.5)	SS138-10B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		< 0.041 U	2.1	
Acenaphthylene	208-96-8	mg/kg	< 0.033 U		< 0.033 U	3.8	
Anthracene	120-12-7	mg/kg	< 0.71 U		< 0.71 U	9.8	
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U		< 0.041 U	40 D	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		< 1.2 U	40 D	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U		< 0.31 U	40 D	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		< 0.18 U	20 D	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U		< 0.13 U	30 D	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	< 1.8 U	
Chrysene	218-01-9	mg/kg	< 0.032 U		< 0.032 U	40 D	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		< 0.31 U	< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.38 U		< 0.038 U	0.63	
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U	< 0.2 U			< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U		< 1.3 U	< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	< 0.23 U	
Fluoranthene	206-44-0	mg/kg	< 0.032 U		< 0.032 U	50 D	
Fluorene	86-73-7	mg/kg	< 0.065 U		< 0.065 U	3.2	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		< 2.4 U	< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		< 0.74 U	< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	< 0.29 U	

		Site Name	138	138	138	138	138
		Location ID	F-SB138-1	F-SS138-1	F-SS138-1	F-SS138-10	F-SS138-10
		Sample Date	1/5/1994	10/20/1993	10/20/1993	10/22/1993	10/22/1993
		Depth Interval	4 - 6	.5 - 1	0 - .5	0 - .5	.5 - 1
		Sample ID	SB138-1D(4-6)	SS138-1B(0.5-1)	SS138-1A(0-0.5)	SS138-10A(0-0.5)	SS138-10B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	< 0.76 U	
Phenanthrene	85-01-8	mg/kg	< 0.032 U		< 0.032 U	50 D	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	< 0.052 U	
Pyrene	129-00-0	mg/kg	< 0.083 U		< 0.083 U	80 D	
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U	< 0.2 U			< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U	< 0.33 U			< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U	< 0.49 U			< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U	< 0.27 U			< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U	< 0.32 U			< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U	< 0.32 U			< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U	< 0.53 U			< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U	< 0.2 U			< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	< 0.62 U	
2-Butanone	78-93-3	mg/kg	< 4.3 U	< 4.3 U			< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U	< 0.5 U			< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U	< 0.63 U			< 0.63 U
Acetone	67-64-1	mg/kg	< 3.3 U	< 3.3 U			< 3.3 U
Acrylonitrile	107-13-1	mg/kg	< 2 U	< 2 U			< 2 U
Benzene	71-43-2	mg/kg	< 0.1 U	< 0.1 U			< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U	< 0.2 U			< 0.2 U
Bromoform	75-25-2	mg/kg	< 0.2 U	< 0.2 U			< 0.2 U
Bromomethane	74-83-9	mg/kg	< 0.26 U	< 0.26 U			< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U	< 0.31 U			< 0.31 U
Chlorobenzene	108-90-7	mg/kg	< 0.1 U	< 0.1 U			< 0.1 U
Chloroethane	75-00-3	mg/kg	< 0.64 U	< 0.64 U			< 0.64 U
Chloroform	67-66-3	mg/kg	< 0.24 U	< 0.24 U			< 0.24 U
Chloromethane	74-87-3	mg/kg	< 0.96 U	< 0.96 U			< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U	< 0.25 U			< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	< 0.071 U	
Ethyl benzene	100-41-4	mg/kg	< 0.19 U	< 0.19 U			< 0.19 U
Methylene chloride	75-09-2	mg/kg	< 4.4 U	< 4.4 U			< 4.4 U
m-Xylenes	108-38-3	mg/kg	< 0.23 U	< 0.23 U			< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U	< 0.16 U			< 0.16 U
Toluene	108-88-3	mg/kg	< 0.1 U	< 0.1 U			< 0.1 U
Trichloroethene	79-01-6	mg/kg	< 0.23 U	< 0.23 U			< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U	< 0.23 U			< 0.23 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U	< 1.8 U			< 1.8 U
Xylenes	1330-20-7	mg/kg	< 0.78 U	< 0.78 U			< 0.78 U
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg	< 0.25 U		< 0.25 U	0.57	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-11	F-SS138-11	F-SS138-12	F-SS138-12	F-SS138-12
		Sample Date	10/22/1993	10/22/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-11B(0.5-1)	SS138-11A(0-0.5)	SS138-12B(0.5-1)	SS138-12A(0-0.5)	SS138-12BD(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg		< 0.922 U		< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg		< 0.504 U		< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg		< 2 U		< 2 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg		< 0.34 U	< 0.34 U	< 0.34 U	
HMX	2691-41-0	mg/kg		< 2 U		< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg		< 1.8 U	< 1.8 U	< 1.14 U	< 1.14 U
Nitrobenzene	98-95-3	mg/kg		< 1.14 U		< 1.8 U	
Nitrocellulose	9004-70-0	mg/kg		52		< 23.1 U	< 23.1 U
Nitroglycerin	55-63-0	mg/kg		< 0.51 U		< 0.51 U	< 0.51 U
PETN	78-11-5	mg/kg		< 1 U		< 1 U	< 1 U
RDX	121-82-4	mg/kg		< 1.28 U		< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg		13.6		< 2.11 U	< 2.11 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg		< 1.4 U	< 1.4 U	< 2.5 U	< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg		< 2.5 U		< 1.4 U	
2,6-Dinitrotoluene	606-20-2	mg/kg		< 2 U	< 0.32 U	< 2 U	< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.32 U		< 0.32 U	
Metals							
Aluminum	7429-90-5	mg/kg		11600		8170	7770
Antimony	7440-36-0	mg/kg		< 1 U		< 1 U	< 1 U
Arsenic	7440-38-2	mg/kg		9.69		2.91	< 2.5 U
Barium	7440-39-3	mg/kg		58.5		28.4	35.2
Beryllium	7440-41-7	mg/kg		0.74		0.62	0.56
Cadmium	7440-43-9	mg/kg		< 1.2 U		< 1.2 U	< 1.2 U
Calcium	7440-70-2	mg/kg		1890		2390	2830
Chromium	7440-47-3	mg/kg		32.3		13.1	15.5
Cobalt	7440-48-4	mg/kg		7.59		15.6	6.39
Copper	7440-50-8	mg/kg		14.8		18.1	14.5
Iron	7439-89-6	mg/kg		29500		25900	25900
Lead	7439-92-1	mg/kg		113		38.9	53.9
Magnesium	7439-95-4	mg/kg		2160		2440	2620
Manganese	7439-96-5	mg/kg		249		204	290
Mercury	7439-97-6	mg/kg		1.02		0.06	0.06
Nickel	7440-02-0	mg/kg		10.1		9.48	9.35
Potassium	7440-09-7	mg/kg		1020		717	829
Selenium	7782-49-2	mg/kg		0.66		< 0.449 U	< 0.449 U
Silver	7440-22-4	mg/kg		< 0.803 U		< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg		150		92	151
Thallium	7440-28-0	mg/kg		< 34.3 U		< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg		35.9		21.7	21.1
Zinc	7440-66-6	mg/kg		46.8		59.1	54.5

		Site Name	138	138	138	138	138
		Location ID	F-SS138-11	F-SS138-11	F-SS138-12	F-SS138-12	F-SS138-12
		Sample Date	10/22/1993	10/22/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-11B(0.5-1)	SS138-11A(0-0.5)	SS138-12B(0.5-1)	SS138-12A(0-0.5)	SS138-12BD(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg		< 0.075 U	< 0.075 U	< 0.075 U	
Dithiane	51330-42-8	mg/kg		< 0.065 U	< 0.065 U	< 0.065 U	
PCBs							
Aroclor 1016	12674-11-2	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg		< 0.79 U	< 0.79 U	< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg		< 6.3 U	< 6.3 U	< 6.3 U	
Pesticides							
4,4'-DDD	72-54-8	mg/kg		< 0.064 U	< 0.064 U	< 0.064 U	
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg		< 0.068 U	< 0.068 U	< 0.068 U	
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg		< 1.3 U	< 1.3 U	< 1.3 U	
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg		< 1.3 U	< 1.3 U	< 1.3 U	
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg		< 0.065 U	< 0.065 U	< 0.065 U	
beta-BHC	319-85-7	mg/kg		< 1.3 U	< 1.3 U	< 1.3 U	
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg		< 0.68 U	< 0.68 U	< 0.68 U	
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg		< 0.21 U	< 0.21 U	< 0.21 U	
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg		< 0.079 U	< 0.079 U	< 0.079 U	
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg		< 0.4 U	< 0.4 U	< 0.4 U	
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg		< 2.4 U	< 2.4 U	< 2.4 U	
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg		< 1.2 U	< 1.2 U	< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg		< 1.3 U	< 1.3 U	< 1.3 U	
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-SS138-11	F-SS138-11	F-SS138-12	F-SS138-12	F-SS138-12
		Sample Date	10/22/1993	10/22/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-11B(0.5-1)	SS138-11A(0-0.5)	SS138-12B(0.5-1)	SS138-12A(0-0.5)	SS138-12BD(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg		< 1.8 U	< 1.8 U	< 1.8 U	
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg		< 0.48 U	< 0.48 U	< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg		< 0.48 U	< 0.48 U	< 0.48 U	
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg		< 0.18 U	< 0.18 U	< 0.18 U	
Methoxychlor	72-43-5	mg/kg		< 0.26 U	< 0.26 U	< 0.26 U	
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg		< 0.14 U	< 0.14 U	< 0.14 U	
Parathion	56-38-2	mg/kg		< 1.7 U	< 1.7 U	< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg		< 0.097 U	< 0.097 U	< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg		< 0.066 U	< 0.066 U	< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U	
Supona	470-90-6	mg/kg		< 0.92 U	< 0.92 U	< 0.92 U	
Toxaphene	8001-35-2	mg/kg		< 12 U	< 12 U	< 12 U	
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg		< 0.068 U	< 0.068 U	< 0.068 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.2 U		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.22 U	< 0.22 U	< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.042 U	< 0.042 U	< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg		< 0.52 U	< 0.52 U	< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg			< 0.042 U		
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.034 U	< 0.034 U	< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.49 U	< 0.49 U	< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.061 U	< 0.061 U	< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.065 U	< 0.065 U	< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg		< 3 U	< 3 U	< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg		< 4.7 U	< 4.7 U	< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg		< 0.57 U	< 0.57 U	< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg		< 0.055 U	< 0.055 U	< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	
2-Methylphenol	95-48-7	mg/kg		< 0.098 U	< 0.098 U	< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg		< 1.1 U	< 1.1 U	< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 1.6 U	< 1.6 U	< 1.6 U	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-11	F-SS138-11	F-SS138-12	F-SS138-12	F-SS138-12
		Sample Date	10/22/1993	10/22/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-11B(0.5-1)	SS138-11A(0-0.5)	SS138-12B(0.5-1)	SS138-12A(0-0.5)	SS138-12BD(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg		< 1.6 U	< 1.6 U	< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg		< 3 U	< 3 U	< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 0.8 U	< 0.8 U	< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.041 U	< 0.041 U	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.93 U	< 0.93 U	< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	
4-Methylphenol	106-44-5	mg/kg		< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg		< 3.3 U	< 3.3 U	< 3.3 U	
Acenaphthene	83-32-9	mg/kg		< 0.041 U	< 0.041 U	< 0.041 U	
Acenaphthylene	208-96-8	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
Anthracene	120-12-7	mg/kg		< 0.71 U	< 0.71 U	< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg		0.85	< 0.041 U	< 0.041 U	
Benzo(a)pyrene	50-32-8	mg/kg		< 1.2 U	< 1.2 U	< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.18 U	< 0.18 U	< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.13 U	< 0.13 U	< 0.13 U	
Benzyl alcohol	100-51-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.36 U	< 0.36 U	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.48 U	< 0.48 U	< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg		< 1.8 U	< 1.8 U	< 1.8 U	
Chrysene	218-01-9	mg/kg		0.63	< 0.032 U	< 0.032 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U	
Dibenzofuran	132-64-9	mg/kg		< 0.038 U	< 0.038 U	< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg		< 0.57 U	< 0.57 U	< 0.57 U	
Diethylphthalate	84-66-2	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg		< 0.063 U	< 0.063 U	< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg		< 1.3 U	1.5	< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	
Fluoranthene	206-44-0	mg/kg		0.76	< 0.032 U	< 0.032 U	
Fluorene	86-73-7	mg/kg		< 0.065 U	< 0.065 U	< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg		< 0.08 U	< 0.08 U	< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg		< 0.97 U	< 0.97 U	< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 0.52 U	< 0.52 U	< 0.52 U	
Hexachloroethane	67-72-1	mg/kg		< 1.8 U	< 1.8 U	< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 2.4 U	< 2.4 U	< 2.4 U	
Isophorone	78-59-1	mg/kg		< 0.39 U	< 0.39 U	< 0.39 U	
Naphthalene	91-20-3	mg/kg		< 0.74 U	< 0.74 U	< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg		< 0.46 U	< 0.46 U	< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 1.1 U	< 1.1 U	< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-11	F-SS138-11	F-SS138-12	F-SS138-12	F-SS138-12
		Sample Date	10/22/1993	10/22/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-11B(0.5-1)	SS138-11A(0-0.5)	SS138-12B(0.5-1)	SS138-12A(0-0.5)	SS138-12BD(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg		< 0.76 U	< 0.76 U	< 0.76 U	
Phenanthrene	85-01-8	mg/kg		1.3	< 0.032 U	< 0.032 U	
Phenol	108-95-2	mg/kg		< 0.052 U	< 0.052 U	< 0.052 U	
Pyrene	129-00-0	mg/kg		1.1	< 0.083 U	< 0.083 U	
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U	
2-Butanone	78-93-3	mg/kg	< 4.3 U		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg	< 3.3 U		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg	< 2 U		< 2 U		< 2 U
Benzene	71-43-2	mg/kg	< 0.1 U		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg	< 0.2 U		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg	< 0.26 U		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg	< 0.1 U		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg	< 0.64 U		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg	< 0.24 U		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg	< 0.96 U		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg		< 0.071 U	< 0.071 U	< 0.071 U	
Ethyl benzene	100-41-4	mg/kg	< 0.19 U		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg	< 4.4 U		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg	< 0.23 U		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg	< 0.1 U		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg	< 0.23 U		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg	< 0.78 U		< 0.78 U		< 0.78 U
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg		< 0.25 U		< 0.25 U	< 0.25 U

		Site Name	138	138	138	138
		Location ID	F-SS138-13	F-SS138-14	F-SS138-14	F-SS138-15
		Sample Date	10/18/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-13A(0-0.5)	SS138-14B(0.5-1)	SS138-14A(0-0.5)	SS138-15B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 2 U	
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	
HMX	2691-41-0	mg/kg			< 2 U	
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.14 U	
Nitrobenzene	98-95-3	mg/kg			< 1.8 U	
Nitrocellulose	9004-70-0	mg/kg			< 23.1 U	
Nitroglycerin	55-63-0	mg/kg			< 0.51 U	
PETN	78-11-5	mg/kg			< 1 U	
RDX	121-82-4	mg/kg			< 1.28 U	
Tetryl	479-45-8	mg/kg			< 2.11 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg			< 2.5 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg			< 2 U	
Metals						
Aluminum	7429-90-5	mg/kg			15100	
Antimony	7440-36-0	mg/kg			< 1 U	
Arsenic	7440-38-2	mg/kg			6.98	
Barium	7440-39-3	mg/kg			156	
Beryllium	7440-41-7	mg/kg			0.81	
Cadmium	7440-43-9	mg/kg			< 1.2 U	
Calcium	7440-70-2	mg/kg			9750	
Chromium	7440-47-3	mg/kg			17.7	
Cobalt	7440-48-4	mg/kg			8.06	
Copper	7440-50-8	mg/kg			38.1	
Iron	7439-89-6	mg/kg			29700	
Lead	7439-92-1	mg/kg			121	
Magnesium	7439-95-4	mg/kg			4360	
Manganese	7439-96-5	mg/kg			1020	
Mercury	7439-97-6	mg/kg			1.7 D	
Nickel	7440-02-0	mg/kg			14.8	
Potassium	7440-09-7	mg/kg			708	
Selenium	7782-49-2	mg/kg			0.63	
Silver	7440-22-4	mg/kg			< 0.803 U	
Sodium	7440-23-5	mg/kg			149	
Thallium	7440-28-0	mg/kg			< 34.3 U	
Vanadium	7440-62-2	mg/kg			29.4	
Zinc	7440-66-6	mg/kg			136	

		Site Name	138	138	138	138
		Location ID	F-SS138-13	F-SS138-14	F-SS138-14	F-SS138-15
		Sample Date	10/18/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-13A(0-0.5)	SS138-14B(0.5-1)	SS138-14A(0-0.5)	SS138-15B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg	< 0.1 U		< 0.1 U	
Aroclor 1221	11104-28-2	mg/kg	< 0.1 UT		< 0.1 UT	
Aroclor 1232	11141-16-5	mg/kg	< 0.1 UT		< 0.1 UT	
Aroclor 1242	53469-21-9	mg/kg	< 0.1 UT		< 0.1 UT	
Aroclor 1248	12672-29-6	mg/kg	0.18 N		< 0.1 UT	
Aroclor 1254	11097-69-1	mg/kg	0.2 N		< 0.0479 UT	
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.0479 U	
Aroclor 1260	11096-82-5	mg/kg	< 0.0479 U		< 0.79 U	
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.27 U		< 0.27 U	
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U	
4,4'-DDE	72-55-9	mg/kg	0.8 N		< 0.068 U	
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.27 U	
4,4'-DDT	50-29-3	mg/kg	0.03		0.05	
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U	
Aldrin	309-00-2	mg/kg	< 1.3 U		< 1.3 U	
Aldrin	309-00-2	mg/kg	< 0.14 U		< 0.14 U	
alpha-BHC	319-84-6	mg/kg	< 0.28 U		< 0.28 U	
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 1.3 U	
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 0.77 U		< 0.77 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	
Chlordane	57-74-9	mg/kg	< 0.0684 U		< 0.68 U	
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.0684 U	
delta-BHC	319-86-8	mg/kg	< 0.85 U		< 0.21 U	
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.85 U	
Dieldrin	60-57-1	mg/kg	0.73		< 0.079 U	
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.16 U	
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.1 U	
Endosulfan I	959-98-8	mg/kg	0.25 N		< 0.4 U	
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		0.01 N	
Endosulfan II	33213-65-9	mg/kg	0.39 N		< 2.4 U	
Endosulfan sulfate	1031-07-8	mg/kg	< 0.05 UT		0.01 N	
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 1.2 U	
Endrin	72-20-8	mg/kg	< 0.65 U		< 1.3 U	
Endrin	72-20-8	mg/kg	< 1.3 U		< 0.65 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-13	F-SS138-14	F-SS138-14	F-SS138-15
		Sample Date	10/18/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-13A(0-0.5)	SS138-14B(0.5-1)	SS138-14A(0-0.5)	SS138-15B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg	< 0.05 UT		< 0.05 UT	
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.22 U		< 0.22 U	
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U	
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg	0.64		< 0.13 U	
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.3 U	
Isodrin	465-73-6	mg/kg	0.56 N		< 0.48 U	
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.0359 U		< 0.0359 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg	< 0.226 U		< 0.226 U	
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U		2.7	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-13	F-SS138-14	F-SS138-14	F-SS138-15
		Sample Date	10/18/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-13A(0-0.5)	SS138-14B(0.5-1)	SS138-14A(0-0.5)	SS138-15B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		1.2	
Acenaphthylene	208-96-8	mg/kg	0.22		15	
Anthracene	120-12-7	mg/kg	< 0.71 U		20 D	
Benz(a)anthracene	56-55-3	mg/kg	1.3		23	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		3.9	
Benzo(b)fluoranthene	205-99-2	mg/kg	2.1		40 D	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		24	
Benzo(k)fluoranthene	207-08-9	mg/kg	1.3		14	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	
Chrysene	218-01-9	mg/kg	1.5		18	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		0.68	
Dibenzofuran	132-64-9	mg/kg	< 0.38 U		< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U		< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	
Fluoranthene	206-44-0	mg/kg	0.77		40 D	
Fluorene	86-73-7	mg/kg	< 0.065 U		2.5	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		15	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		4.3	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-13	F-SS138-14	F-SS138-14	F-SS138-15
		Sample Date	10/18/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-13A(0-0.5)	SS138-14B(0.5-1)	SS138-14A(0-0.5)	SS138-15B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	0.57		27	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	1.5		12 J	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		0.45
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg			< 0.25 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-15	F-SS138-16	F-SS138-16	F-SS138-17
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/18/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-15A(0-0.5)	SS138-16A(0-0.5)	SS138-16B(0.5-1)	SS138-17B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 U	< 0.922 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 U	< 0.504 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 U	< 2 U		
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U	< 0.34 U		
HMX	2691-41-0	mg/kg	< 2 U	< 2 U		
Nitrobenzene	98-95-3	mg/kg	< 1.8 U	< 1.14 U		
Nitrobenzene	98-95-3	mg/kg	< 1.14 U	< 1.8 U		
Nitrocellulose	9004-70-0	mg/kg	174 B	74.9 B		
Nitroglycerin	55-63-0	mg/kg	1.36 NE	< 0.51 U		
PETN	78-11-5	mg/kg	< 1 U	< 1 U		
RDX	121-82-4	mg/kg	< 1.28 U	< 1.28 U		
Tetryl	479-45-8	mg/kg	< 2.11 U	< 2.11 U		
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U	< 1.4 U		
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 U	< 2.5 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 U	< 2 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U	< 0.32 U		
Metals						
Aluminum	7429-90-5	mg/kg	13900	10600		
Antimony	7440-36-0	mg/kg	< 1 U	< 1 U		
Arsenic	7440-38-2	mg/kg	18.6	6.72		
Barium	7440-39-3	mg/kg	171	187		
Beryllium	7440-41-7	mg/kg	1.03	0.78		
Cadmium	7440-43-9	mg/kg	< 1.2 U	< 1.2 U		
Calcium	7440-70-2	mg/kg	12500	16600		
Chromium	7440-47-3	mg/kg	17.9	13		
Cobalt	7440-48-4	mg/kg	7.56	6.96		
Copper	7440-50-8	mg/kg	57.7	124		
Iron	7439-89-6	mg/kg	25700	24100		
Lead	7439-92-1	mg/kg	170	116		
Magnesium	7439-95-4	mg/kg	6440	4880		
Manganese	7439-96-5	mg/kg	710	1020		
Mercury	7439-97-6	mg/kg	1.4 JD	0.5 J		
Nickel	7440-02-0	mg/kg	14.7	13.2		
Potassium	7440-09-7	mg/kg	779	943		
Selenium	7782-49-2	mg/kg	0.96 J	< 0.449 UJ		
Silver	7440-22-4	mg/kg	< 0.803 U	< 0.803 U		
Sodium	7440-23-5	mg/kg	222	119		
Thallium	7440-28-0	mg/kg	< 34.3 U	< 34.3 U		
Vanadium	7440-62-2	mg/kg	25.4	18.5		
Zinc	7440-66-6	mg/kg	196	453		

		Site Name	138	138	138	138
		Location ID	F-SS138-15	F-SS138-16	F-SS138-16	F-SS138-17
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/18/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-15A(0-0.5)	SS138-16A(0-0.5)	SS138-16B(0.5-1)	SS138-17B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U	< 0.075 U		
Dithiane	51330-42-8	mg/kg	< 0.065 U	< 0.065 U		
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U	< 0.32 U		
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U	< 0.79 U		
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U	< 6.3 U		
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U	< 0.064 U		
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg	< 0.068 U	< 0.068 U		
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg	< 0.1 U	< 0.1 U		
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg	< 1.3 U	< 1.3 U		
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg	< 1.3 U	< 1.3 U		
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U	< 0.065 U		
beta-BHC	319-85-7	mg/kg	< 1.3 U	< 1.3 U		
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg	< 0.68 U	< 0.68 U		
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg	< 0.21 U	< 0.21 U		
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg	< 0.079 U	< 0.079 U		
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg	< 0.4 U	< 0.4 U		
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg	< 2.4 U	< 2.4 U		
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U	< 1.2 U		
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg	< 1.3 U	< 1.3 U		
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-15	F-SS138-16	F-SS138-16	F-SS138-17
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/18/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-15A(0-0.5)	SS138-16A(0-0.5)	SS138-16B(0.5-1)	SS138-17B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U	< 1.8 U		
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	< 0.1 U		
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U	< 0.24 U		
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U	< 0.48 U		
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg	< 0.48 U	< 0.48 U		
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg	< 0.18 U	< 0.18 U		
Methoxychlor	72-43-5	mg/kg	< 0.26 U	< 0.26 U		
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg	< 0.14 U	< 0.14 U		
Parathion	56-38-2	mg/kg	< 1.7 U	< 1.7 U		
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U	< 0.097 U		
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U	< 0.066 U		
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U	< 0.32 U		
Supona	470-90-6	mg/kg	< 0.92 U	< 0.92 U		
Toxaphene	8001-35-2	mg/kg	< 12 U	< 12 U		
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg	< 0.068 U	< 0.068 U		
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg			< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U	< 0.22 U		
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U	< 0.042 U		
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U	< 0.52 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.042 U	< 0.14 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U	< 0.034 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U	< 0.49 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U	< 0.061 U		
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U	< 0.065 U		
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U	< 3 U		
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U	< 4.7 U		
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U	< 0.57 U		
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U	< 0.24 U		
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U	< 0.055 U		
2-Methylnaphthalene	91-57-6	mg/kg	1.2	< 0.032 U		
2-Methylphenol	95-48-7	mg/kg	< 0.098 U	< 0.098 U		
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U	< 1.1 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U	< 1.6 U		

		Site Name	138	138	138	138
		Location ID	F-SS138-15	F-SS138-16	F-SS138-16	F-SS138-17
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/18/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-15A(0-0.5)	SS138-16A(0-0.5)	SS138-16B(0.5-1)	SS138-17B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U	< 1.6 U		
3-Nitroaniline	99-09-2	mg/kg	< 3 U	< 3 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U	< 0.8 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U	< 0.041 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U	< 0.93 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U	< 0.17 U		
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#		
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U	< 3.3 U		
Acenaphthene	83-32-9	mg/kg	1.1	0.22		
Acenaphthylene	208-96-8	mg/kg	0.57	0.23		
Anthracene	120-12-7	mg/kg	2.2	< 0.71 U		
Benz(a)anthracene	56-55-3	mg/kg	4.1	1.9		
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U	< 1.2 U		
Benzo(b)fluoranthene	205-99-2	mg/kg	4.2	2.1		
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U	< 0.18 U		
Benzo(k)fluoranthene	207-08-9	mg/kg	3.8	1.9		
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U	< 0.032 U		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U	< 0.19 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U	< 0.36 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U	< 0.44 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U	< 0.48 U		
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U	< 1.8 U		
Chrysene	218-01-9	mg/kg	3.7	1.6		
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U	< 0.31 U		
Dibenzofuran	132-64-9	mg/kg	< 0.038 U	< 0.038 U		
Dichlorobenzenes	25321-22-6	mg/kg			< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U	< 0.57 U		
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U		
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U	< 0.063 U		
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U	4.9		
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U	< 0.23 U		
Fluoranthene	206-44-0	mg/kg	6	2.5		
Fluorene	86-73-7	mg/kg	1.9	0.3		
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U	< 0.08 U		
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U	< 0.97 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U	< 0.52 U		
Hexachloroethane	67-72-1	mg/kg	< 1.8 U	< 1.8 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U	< 2.4 U		
Isophorone	78-59-1	mg/kg	< 0.39 U	< 0.39 U		
Naphthalene	91-20-3	mg/kg	1.9	< 0.74 U		
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U	< 0.46 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U	< 1.1 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U	< 0.29 U		

		Site Name	138	138	138	138
		Location ID	F-SS138-15	F-SS138-16	F-SS138-16	F-SS138-17
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/18/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-15A(0-0.5)	SS138-16A(0-0.5)	SS138-16B(0.5-1)	SS138-17B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U	< 0.76 U		
Phenanthrene	85-01-8	mg/kg	14	3		
Phenol	108-95-2	mg/kg	< 0.052 U	< 0.052 U		
Pyrene	129-00-0	mg/kg	9.8	3.1		
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg			< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg			< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg			< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg			< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U	< 0.032 U		
1,2-Dichloroethane	107-06-2	mg/kg			< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg			< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg			< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg			< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U	< 0.62 U		
2-Butanone	78-93-3	mg/kg			< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg			< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg			< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg			< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg			< 2 U	< 2 U
Benzene	71-43-2	mg/kg			< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg			< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg			< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg			< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg			< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg			< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg			< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg			< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg			< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg			< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U	< 0.071 U		
Ethyl benzene	100-41-4	mg/kg			< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg			< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg			< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg			< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg			< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg			< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg			< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg			< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg			< 0.78 U	< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg	1.31 J	< 0.25 UJ		

		Site Name	138	138	138	138
		Location ID	F-SS138-17	F-SS138-18	F-SS138-18	F-SS138-19
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-17A(0-0.5)	SS138-18B(0.5-1)	SS138-18A(0-0.5)	SS138-19B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg				
1,3-Dinitrobenzene	99-65-0	mg/kg				
2,4,6-Trinitrotoluene	118-96-7	mg/kg				
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	
HMX	2691-41-0	mg/kg				
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.8 U	
Nitrobenzene	98-95-3	mg/kg				
Nitrocellulose	9004-70-0	mg/kg				
Nitroglycerin	55-63-0	mg/kg				
PETN	78-11-5	mg/kg				
RDX	121-82-4	mg/kg				
Tetryl	479-45-8	mg/kg				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg				
Metals						
Aluminum	7429-90-5	mg/kg				
Antimony	7440-36-0	mg/kg				
Arsenic	7440-38-2	mg/kg				
Barium	7440-39-3	mg/kg				
Beryllium	7440-41-7	mg/kg				
Cadmium	7440-43-9	mg/kg				
Calcium	7440-70-2	mg/kg				
Chromium	7440-47-3	mg/kg				
Cobalt	7440-48-4	mg/kg				
Copper	7440-50-8	mg/kg				
Iron	7439-89-6	mg/kg				
Lead	7439-92-1	mg/kg				
Magnesium	7439-95-4	mg/kg				
Manganese	7439-96-5	mg/kg				
Mercury	7439-97-6	mg/kg				
Nickel	7440-02-0	mg/kg				
Potassium	7440-09-7	mg/kg				
Selenium	7782-49-2	mg/kg				
Silver	7440-22-4	mg/kg				
Sodium	7440-23-5	mg/kg				
Thallium	7440-28-0	mg/kg				
Vanadium	7440-62-2	mg/kg				
Zinc	7440-66-6	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-17	F-SS138-18	F-SS138-18	F-SS138-19
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-17A(0-0.5)	SS138-18B(0.5-1)	SS138-18A(0-0.5)	SS138-19B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U	
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.068 U	
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U	
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg	< 1.3 U		< 1.3 U	
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 1.3 U	
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.68 U	
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.21 U	
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U	
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U	
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U	
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg	< 1.3 U		< 1.3 U	
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-17	F-SS138-18	F-SS138-18	F-SS138-19
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-17A(0-0.5)	SS138-18B(0.5-1)	SS138-18A(0-0.5)	SS138-19B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U	
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.48 U	
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U		< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-17	F-SS138-18	F-SS138-18	F-SS138-19
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-17A(0-0.5)	SS138-18B(0.5-1)	SS138-18A(0-0.5)	SS138-19B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	< 0.033 U		< 0.033 U	
Anthracene	120-12-7	mg/kg	< 0.71 U		< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U		< 0.041 U	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U		< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U		< 0.13 U	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	
Chrysene	218-01-9	mg/kg	< 0.032 U		< 0.032 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.38 U		< 0.38 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U		< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	
Fluoranthene	206-44-0	mg/kg	< 0.032 U		< 0.032 U	
Fluorene	86-73-7	mg/kg	< 0.065 U		< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-17	F-SS138-18	F-SS138-18	F-SS138-19
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-17A(0-0.5)	SS138-18B(0.5-1)	SS138-18A(0-0.5)	SS138-19B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	< 0.032 U		< 0.032 U	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	< 0.083 U		< 0.083 U	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg				

		Site Name	138	138	138	138	138
		Location ID	F-SS138-19	F-SS138-2	F-SS138-2	F-SS138-2	F-SS138-20
		Sample Date	10/20/1993	10/22/1993	10/22/1993	10/22/1993	10/18/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1	.5 - 1
		Sample ID	SS138-19A(0-0.5)	SS138-2B(0.5-1)	SS138-2A(0-0.5)	SS138-2BD(0-1)	SS138-20B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.922 U	< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.504 U	< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 2 U	< 2 U	
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	< 0.34 U	
HMX	2691-41-0	mg/kg			< 2 U	< 2 U	
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.14 U	< 1.14 U	
Nitrobenzene	98-95-3	mg/kg			< 1.8 U	< 1.8 U	
Nitrocellulose	9004-70-0	mg/kg			< 23.1 U	< 23.1 U	
Nitroglycerin	55-63-0	mg/kg			< 0.51 U	< 0.51 U	
PETN	78-11-5	mg/kg			< 1 U	< 1 U	
RDX	121-82-4	mg/kg			< 1.28 U	< 1.28 U	
Tetryl	479-45-8	mg/kg			< 2.11 U	< 2.11 U	
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 2.5 U	< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg			< 1.4 U	< 2.5 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 2 U	< 2 U	
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.32 U	< 0.32 U	
Metals							
Aluminum	7429-90-5	mg/kg			11400	12100	
Antimony	7440-36-0	mg/kg			< 1 U	< 1 U	
Arsenic	7440-38-2	mg/kg			5.43	6.11	
Barium	7440-39-3	mg/kg			49.1	48.4	
Beryllium	7440-41-7	mg/kg			0.61	0.58	
Cadmium	7440-43-9	mg/kg			< 1.2 U	< 1.2 U	
Calcium	7440-70-2	mg/kg			4210	4210	
Chromium	7440-47-3	mg/kg			16.7	17.1	
Cobalt	7440-48-4	mg/kg			7.34	6.89	
Copper	7440-50-8	mg/kg			21.5	18.5	
Iron	7439-89-6	mg/kg			22900	24000	
Lead	7439-92-1	mg/kg			44.7	40.1	
Magnesium	7439-95-4	mg/kg			2630	3080	
Manganese	7439-96-5	mg/kg			281	254	
Mercury	7439-97-6	mg/kg			0.22	0.21	
Nickel	7440-02-0	mg/kg			10.2	10.3	
Potassium	7440-09-7	mg/kg			860	1110	
Selenium	7782-49-2	mg/kg			< 0.449 U	< 0.449 U	
Silver	7440-22-4	mg/kg			< 0.803 U	< 0.803 U	
Sodium	7440-23-5	mg/kg			115	96.7	
Thallium	7440-28-0	mg/kg			< 34.3 U	< 34.3 U	
Vanadium	7440-62-2	mg/kg			26.3	24.9	
Zinc	7440-66-6	mg/kg			143	127	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-19	F-SS138-2	F-SS138-2	F-SS138-2	F-SS138-20
		Sample Date	10/20/1993	10/22/1993	10/22/1993	10/22/1993	10/18/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1	.5 - 1
		Sample ID	SS138-19A(0-0.5)	SS138-2B(0.5-1)	SS138-2A(0-0.5)	SS138-2BD(0-1)	SS138-20B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	< 0.065 U	
PCBs							
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U	< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.79 U	< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	< 6.3 U	
Pesticides							
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U	< 0.064 U	
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.068 U	< 0.068 U	
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U	< 0.1 U	
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg	< 1.3 U		< 1.3 U	< 1.3 U	
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 1.3 U	< 1.3 U	
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	< 1.3 U	
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.68 U	< 0.68 U	
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.21 U	< 0.21 U	
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U	< 0.079 U	
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U	< 0.4 U	
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U	< 2.4 U	
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 1.2 U	< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg	< 1.3 U		< 1.3 U	< 1.3 U	
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-SS138-19	F-SS138-2	F-SS138-2	F-SS138-2	F-SS138-20
		Sample Date	10/20/1993	10/22/1993	10/22/1993	10/22/1993	10/18/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1	.5 - 1
		Sample ID	SS138-19A(0-0.5)	SS138-2B(0.5-1)	SS138-2A(0-0.5)	SS138-2BD(0-1)	SS138-20B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	< 1.8 U	
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U	< 0.24 U	
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.48 U	< 0.48 U	
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	< 0.26 U	
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	< 12 U	
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	< 0.068 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				< 0.042 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U		< 0.032 U	< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	< 1.6 U	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-19	F-SS138-2	F-SS138-2	F-SS138-2	F-SS138-20
		Sample Date	10/20/1993	10/22/1993	10/22/1993	10/22/1993	10/18/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1	.5 - 1
		Sample ID	SS138-19A(0-0.5)	SS138-2B(0.5-1)	SS138-2A(0-0.5)	SS138-2BD(0-1)	SS138-20B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		< 0.041 U	< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	< 0.033 U		0.17	< 0.033 U	
Anthracene	120-12-7	mg/kg	< 0.71 U		< 0.71 U	< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U		1.5	1.5	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		< 1.2 U	< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U		1.2	1.5	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		< 0.18 U	< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U		0.87	1	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	< 1.8 U	
Chrysene	218-01-9	mg/kg	< 0.032 U		1.2	1.4	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		< 0.31 U	< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.038 U		< 0.038 U	< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U		2.8	< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	< 0.23 U	
Fluoranthene	206-44-0	mg/kg	0.66		1.6	1.6	
Fluorene	86-73-7	mg/kg	< 0.065 U		0.21	< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		< 2.4 U	< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		< 0.74 U	< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	< 0.29 U	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-19	F-SS138-2	F-SS138-2	F-SS138-2	F-SS138-20
		Sample Date	10/20/1993	10/22/1993	10/22/1993	10/22/1993	10/18/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1	.5 - 1
		Sample ID	SS138-19A(0-0.5)	SS138-2B(0.5-1)	SS138-2A(0-0.5)	SS138-2BD(0-1)	SS138-20B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	< 0.76 U	
Phenanthrene	85-01-8	mg/kg	0.98		2.3	1.8	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	< 0.052 U	
Pyrene	129-00-0	mg/kg	1		2.5	2.3	
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U	< 2 U
Benzene	71-43-2	mg/kg		0.13		< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U	< 0.78 U
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg			< 0.25 U	< 0.25 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-20	F-SS138-21	F-SS138-21	F-SS138-22
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-20A(0-0.5)	SS138-21A(0-0.5)	SS138-21B(0.5-1)	SS138-22B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg				
1,3-Dinitrobenzene	99-65-0	mg/kg				
2,4,6-Trinitrotoluene	118-96-7	mg/kg				
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U	< 0.34 U		
HMX	2691-41-0	mg/kg				
Nitrobenzene	98-95-3	mg/kg	< 1.8 U	< 1.8 U		
Nitrobenzene	98-95-3	mg/kg				
Nitrocellulose	9004-70-0	mg/kg				
Nitroglycerin	55-63-0	mg/kg				
PETN	78-11-5	mg/kg				
RDX	121-82-4	mg/kg				
Tetryl	479-45-8	mg/kg				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U	< 1.4 U		
2,4-Dinitrotoluene	121-14-2	mg/kg				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U	< 0.32 U		
2,6-Dinitrotoluene	606-20-2	mg/kg				
Metals						
Aluminum	7429-90-5	mg/kg				
Antimony	7440-36-0	mg/kg				
Arsenic	7440-38-2	mg/kg				
Barium	7440-39-3	mg/kg				
Beryllium	7440-41-7	mg/kg				
Cadmium	7440-43-9	mg/kg				
Calcium	7440-70-2	mg/kg				
Chromium	7440-47-3	mg/kg				
Cobalt	7440-48-4	mg/kg				
Copper	7440-50-8	mg/kg				
Iron	7439-89-6	mg/kg				
Lead	7439-92-1	mg/kg				
Magnesium	7439-95-4	mg/kg				
Manganese	7439-96-5	mg/kg				
Mercury	7439-97-6	mg/kg				
Nickel	7440-02-0	mg/kg				
Potassium	7440-09-7	mg/kg				
Selenium	7782-49-2	mg/kg				
Silver	7440-22-4	mg/kg				
Sodium	7440-23-5	mg/kg				
Thallium	7440-28-0	mg/kg				
Vanadium	7440-62-2	mg/kg				
Zinc	7440-66-6	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-20	F-SS138-21	F-SS138-21	F-SS138-22
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-20A(0-0.5)	SS138-21A(0-0.5)	SS138-21B(0.5-1)	SS138-22B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U	< 0.075 U		
Dithiane	51330-42-8	mg/kg	< 0.065 U	< 0.065 U		
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U	< 0.32 U		
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U	< 0.79 U		
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U	< 6.3 U		
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U	< 0.064 U		
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg	< 0.068 U	< 0.068 U		
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg	< 0.1 U	< 0.1 U		
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg	< 1.3 U	< 1.3 U		
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg	< 1.3 U	< 1.3 U		
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U	< 0.065 U		
beta-BHC	319-85-7	mg/kg	< 1.3 U	< 1.3 U		
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg	< 0.68 U	< 0.68 U		
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg	< 0.21 U	< 0.21 U		
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg	< 0.079 U	< 0.079 U		
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg	< 0.4 U	< 0.4 U		
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg	< 2.4 U	< 2.4 U		
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U	< 1.2 U		
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg	< 1.3 U	< 1.3 U		
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-20	F-SS138-21	F-SS138-21	F-SS138-22
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-20A(0-0.5)	SS138-21A(0-0.5)	SS138-21B(0.5-1)	SS138-22B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U	< 1.8 U		
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	< 0.1 U		
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U	< 0.24 U		
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U	< 0.48 U		
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg	< 0.48 U	< 0.48 U		
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg	< 0.18 U	< 0.18 U		
Methoxychlor	72-43-5	mg/kg	< 0.26 U	< 0.26 U		
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg	< 0.14 U	< 0.14 U		
Parathion	56-38-2	mg/kg	< 1.7 U	< 1.7 U		
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U	< 0.097 U		
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U	< 0.066 U		
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U	< 0.32 U		
Supona	470-90-6	mg/kg	< 0.92 U	< 0.92 U		
Toxaphene	8001-35-2	mg/kg	< 12 U	< 12 U		
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg	< 0.068 U	< 0.068 U		
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg			< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U	< 0.22 U		
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U	< 0.042 U		
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U	< 0.52 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.042 U	< 0.14 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U	< 0.034 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U	< 0.49 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U	< 0.061 U		
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U	< 0.065 U		
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U	< 3 U		
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U	< 4.7 U		
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U	< 0.57 U		
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U	< 0.24 U		
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U	< 0.055 U		
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U	< 0.032 U		
2-Methylphenol	95-48-7	mg/kg	< 0.098 U	< 0.098 U		
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U	< 1.1 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U	< 1.6 U		

		Site Name	138	138	138	138
		Location ID	F-SS138-20	F-SS138-21	F-SS138-21	F-SS138-22
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-20A(0-0.5)	SS138-21A(0-0.5)	SS138-21B(0.5-1)	SS138-22B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U	< 1.6 U		
3-Nitroaniline	99-09-2	mg/kg	< 3 U	< 3 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U	< 0.8 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U	< 0.041 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U	< 0.93 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U	< 0.17 U		
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#		
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U	< 3.3 U		
Acenaphthene	83-32-9	mg/kg	< 0.041 U	< 0.041 U		
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U		
Anthracene	120-12-7	mg/kg	< 0.71 U	< 0.71 U		
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U	1.4		
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U	< 1.2 U		
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U	1.9		
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U	< 0.18 U		
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U	1.6		
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U	< 0.032 U		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U	< 0.19 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U	< 0.36 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U	< 0.44 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U	< 0.48 U		
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U	< 1.8 U		
Chrysene	218-01-9	mg/kg	< 0.032 U	1.2		
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U	< 0.31 U		
Dibenzofuran	132-64-9	mg/kg	< 0.38 U	< 0.38 U		
Dichlorobenzenes	25321-22-6	mg/kg			< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U	< 0.57 U		
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U		
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U	< 0.063 U		
di-n-Butylphthalate	84-74-2	mg/kg	3.5	< 1.3 U		
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U	< 0.23 U		
Fluoranthene	206-44-0	mg/kg	< 0.032 U	1.8		
Fluorene	86-73-7	mg/kg	< 0.065 U	0.2		
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U	< 0.08 U		
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U	< 0.97 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U	< 0.52 U		
Hexachloroethane	67-72-1	mg/kg	< 1.8 U	< 1.8 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U	< 2.4 U		
Isophorone	78-59-1	mg/kg	< 0.39 U	< 0.39 U		
Naphthalene	91-20-3	mg/kg	< 0.74 U	< 0.74 U		
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U	< 0.46 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U	< 1.1 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U	< 0.29 U		

Chemical Name	CAS No	Site Name	138	138	138	138
		Location ID	F-SS138-20	F-SS138-21	F-SS138-21	F-SS138-22
		Sample Date	10/18/1993	10/18/1993	10/18/1993	10/20/1993
		Depth Interval	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-20A(0-0.5)	SS138-21A(0-0.5)	SS138-21B(0.5-1)	SS138-22B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
		Unit				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U	< 0.76 U		
Phenanthrene	85-01-8	mg/kg	< 0.032 U	1.9		
Phenol	108-95-2	mg/kg	< 0.052 U	< 0.052 U		
Pyrene	129-00-0	mg/kg	< 0.083 U	2.8		
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg			< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg			< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg			< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg			< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U	< 0.032 U		
1,2-Dichloroethane	107-06-2	mg/kg			< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg			< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg			< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg			< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U	< 0.62 U		
2-Butanone	78-93-3	mg/kg			< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg			< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg			< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg			< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg			< 2 U	< 2 U
Benzene	71-43-2	mg/kg			< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg			< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg			< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg			< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg			< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg			< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg			< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg			< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg			< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg			< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U	< 0.071 U		
Ethyl benzene	100-41-4	mg/kg			< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg			< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg			< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg			< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg			< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg			< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg			< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg			< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg			< 0.78 U	< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-22	F-SS138-23	F-SS138-23	F-SS138-24
		Sample Date	10/20/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-22A(0-0.5)	SS138-23B(0.5-1)	SS138-23A(0-0.5)	SS138-24B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg				
1,3-Dinitrobenzene	99-65-0	mg/kg				
2,4,6-Trinitrotoluene	118-96-7	mg/kg				
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	
HMX	2691-41-0	mg/kg				
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.8 U	
Nitrobenzene	98-95-3	mg/kg				
Nitrocellulose	9004-70-0	mg/kg				
Nitroglycerin	55-63-0	mg/kg				
PETN	78-11-5	mg/kg				
RDX	121-82-4	mg/kg				
Tetryl	479-45-8	mg/kg				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg				
Metals						
Aluminum	7429-90-5	mg/kg				
Antimony	7440-36-0	mg/kg				
Arsenic	7440-38-2	mg/kg				
Barium	7440-39-3	mg/kg				
Beryllium	7440-41-7	mg/kg				
Cadmium	7440-43-9	mg/kg				
Calcium	7440-70-2	mg/kg				
Chromium	7440-47-3	mg/kg				
Cobalt	7440-48-4	mg/kg				
Copper	7440-50-8	mg/kg				
Iron	7439-89-6	mg/kg				
Lead	7439-92-1	mg/kg				
Magnesium	7439-95-4	mg/kg				
Manganese	7439-96-5	mg/kg				
Mercury	7439-97-6	mg/kg				
Nickel	7440-02-0	mg/kg				
Potassium	7440-09-7	mg/kg				
Selenium	7782-49-2	mg/kg				
Silver	7440-22-4	mg/kg				
Sodium	7440-23-5	mg/kg				
Thallium	7440-28-0	mg/kg				
Vanadium	7440-62-2	mg/kg				
Zinc	7440-66-6	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-22	F-SS138-23	F-SS138-23	F-SS138-24
		Sample Date	10/20/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-22A(0-0.5)	SS138-23B(0.5-1)	SS138-23A(0-0.5)	SS138-24B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U	
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.068 U	
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U	
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg	< 1.3 U		< 1.3 U	
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 1.3 U	
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.68 U	
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.21 U	
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U	
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U	
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U	
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg	< 1.3 U		< 1.3 U	
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-22	F-SS138-23	F-SS138-23	F-SS138-24
		Sample Date	10/20/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-22A(0-0.5)	SS138-23B(0.5-1)	SS138-23A(0-0.5)	SS138-24B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U	
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.48 U	
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U		< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-22	F-SS138-23	F-SS138-23	F-SS138-24
		Sample Date	10/20/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-22A(0-0.5)	SS138-23B(0.5-1)	SS138-23A(0-0.5)	SS138-24B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	CAS No	Unit				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	0.35		< 0.033 U	
Anthracene	120-12-7	mg/kg	< 0.71 U		< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U		< 0.041 U	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U		< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U		< 0.13 U	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	
Chrysene	218-01-9	mg/kg	< 0.032 U		< 0.032 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.038 U		< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	2.3		< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	
Fluoranthene	206-44-0	mg/kg	0.16		0.25	
Fluorene	86-73-7	mg/kg	< 0.065 U		< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-22	F-SS138-23	F-SS138-23	F-SS138-24
		Sample Date	10/20/1993	10/20/1993	10/20/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-22A(0-0.5)	SS138-23B(0.5-1)	SS138-23A(0-0.5)	SS138-24B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	0.2		0.25	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	0.24		0.37	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		0.31
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-24	F-SS138-25	F-SS138-25	F-SS138-26
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-24A(0-0.5)	SS138-25B(0.5-1)	SS138-25A(0-0.5)	SS138-26B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg				
1,3-Dinitrobenzene	99-65-0	mg/kg				
2,4,6-Trinitrotoluene	118-96-7	mg/kg				
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	
HMX	2691-41-0	mg/kg				
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.8 U	
Nitrobenzene	98-95-3	mg/kg				
Nitrocellulose	9004-70-0	mg/kg				
Nitroglycerin	55-63-0	mg/kg				
PETN	78-11-5	mg/kg				
RDX	121-82-4	mg/kg				
Tetryl	479-45-8	mg/kg				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg				
Metals						
Aluminum	7429-90-5	mg/kg				
Antimony	7440-36-0	mg/kg				
Arsenic	7440-38-2	mg/kg				
Barium	7440-39-3	mg/kg				
Beryllium	7440-41-7	mg/kg				
Cadmium	7440-43-9	mg/kg				
Calcium	7440-70-2	mg/kg				
Chromium	7440-47-3	mg/kg				
Cobalt	7440-48-4	mg/kg				
Copper	7440-50-8	mg/kg				
Iron	7439-89-6	mg/kg				
Lead	7439-92-1	mg/kg				
Magnesium	7439-95-4	mg/kg				
Manganese	7439-96-5	mg/kg				
Mercury	7439-97-6	mg/kg				
Nickel	7440-02-0	mg/kg				
Potassium	7440-09-7	mg/kg				
Selenium	7782-49-2	mg/kg				
Silver	7440-22-4	mg/kg				
Sodium	7440-23-5	mg/kg				
Thallium	7440-28-0	mg/kg				
Vanadium	7440-62-2	mg/kg				
Zinc	7440-66-6	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-24	F-SS138-25	F-SS138-25	F-SS138-26
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-24A(0-0.5)	SS138-25B(0.5-1)	SS138-25A(0-0.5)	SS138-26B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U	
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.068 U	
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U	
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg	< 1.3 U		< 1.3 U	
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 1.3 U	
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.68 U	
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.21 U	
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U	
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U	
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U	
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg	< 1.3 U		< 1.3 U	
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-24	F-SS138-25	F-SS138-25	F-SS138-26
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-24A(0-0.5)	SS138-25B(0.5-1)	SS138-25A(0-0.5)	SS138-26B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U	
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.48 U	
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	0.12		< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-24	F-SS138-25	F-SS138-25	F-SS138-26
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-24A(0-0.5)	SS138-25B(0.5-1)	SS138-25A(0-0.5)	SS138-26B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	0.25		< 0.033 U	
Anthracene	120-12-7	mg/kg	< 0.71 U		< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	0.52		0.77	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	1.1		< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	0.79		0.62	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	
Chrysene	218-01-9	mg/kg	0.74		0.79	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.038 U		< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	1.5		< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	
Fluoranthene	206-44-0	mg/kg	0.52		0.55	
Fluorene	86-73-7	mg/kg	< 0.065 U		< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-24	F-SS138-25	F-SS138-25	F-SS138-26
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-24A(0-0.5)	SS138-25B(0.5-1)	SS138-25A(0-0.5)	SS138-26B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	0.75		0.65	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	0.9		1.1	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-26	F-SS138-27	F-SS138-27	F-SS138-27
		Sample Date	10/19/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-26A(0-0.5)	SS138-27B(0.5-1)	SS138-27A(0-0.5)	SS138-27BD(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 2 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U	< 0.34 U	< 0.34 U	
HMX	2691-41-0	mg/kg			< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	< 1.8 U	< 1.8 U	< 1.8 U	< 1.14 U
Nitrobenzene	98-95-3	mg/kg			< 1.14 U	
Nitrocellulose	9004-70-0	mg/kg			46	< 23.1 U
Nitroglycerin	55-63-0	mg/kg			< 0.51 U	< 0.51 U
PETN	78-11-5	mg/kg			< 1 U	< 1 U
RDX	121-82-4	mg/kg			< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg			< 2.11 U	< 2.11 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U	< 1.4 U	< 2.5 U	< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg			< 1.4 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg			< 2 U	
Metals						
Aluminum	7429-90-5	mg/kg			10000	9180
Antimony	7440-36-0	mg/kg			< 1 U	< 1 U
Arsenic	7440-38-2	mg/kg			5.44	4.16
Barium	7440-39-3	mg/kg			45.9	43.4
Beryllium	7440-41-7	mg/kg			0.68	0.62
Cadmium	7440-43-9	mg/kg			< 1.2 U	< 1.2 U
Calcium	7440-70-2	mg/kg			3850	3830
Chromium	7440-47-3	mg/kg			16.7	16.5
Cobalt	7440-48-4	mg/kg			7.82	7.78
Copper	7440-50-8	mg/kg			21.2	21.1
Iron	7439-89-6	mg/kg			27900	22600
Lead	7439-92-1	mg/kg			35.8	39.7
Magnesium	7439-95-4	mg/kg			2740	2430
Manganese	7439-96-5	mg/kg			243	264
Mercury	7439-97-6	mg/kg			0.11	0.12
Nickel	7440-02-0	mg/kg			11.5	12.9
Potassium	7440-09-7	mg/kg			1380	1160
Selenium	7782-49-2	mg/kg			< 0.449 U	< 0.449 U
Silver	7440-22-4	mg/kg			< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg			175	135
Thallium	7440-28-0	mg/kg			< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg			31.1	24.4
Zinc	7440-66-6	mg/kg			85.1	84.2

		Site Name	138	138	138	138
		Location ID	F-SS138-26	F-SS138-27	F-SS138-27	F-SS138-27
		Sample Date	10/19/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-26A(0-0.5)	SS138-27B(0.5-1)	SS138-27A(0-0.5)	SS138-27BD(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U	< 0.075 U	< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U	< 0.065 U	< 0.065 U	
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U	< 0.064 U	< 0.064 U	
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg	< 0.068 U	< 0.068 U	< 0.068 U	
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U	< 0.065 U	< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg	< 0.68 U	< 0.68 U	< 0.68 U	
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg	< 0.079 U	< 0.079 U	< 0.079 U	
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg	< 0.4 U	< 0.4 U	< 0.4 U	
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg	< 2.4 U	< 2.4 U	< 2.4 U	
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-26	F-SS138-27	F-SS138-27	F-SS138-27
		Sample Date	10/19/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-26A(0-0.5)	SS138-27B(0.5-1)	SS138-27A(0-0.5)	SS138-27BD(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U	< 1.8 U	< 1.8 U	
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U	< 0.48 U	< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg	< 0.48 U	< 0.48 U	< 0.48 U	
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U	< 1.7 U	< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U	< 0.097 U	< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U	< 0.066 U	< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U	< 12 U	< 12 U	
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg	< 0.068 U	< 0.068 U	< 0.068 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U	< 0.22 U	< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U	< 0.042 U	< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U	< 0.52 U	< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.042 U		
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U	< 0.034 U	< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U	< 0.49 U	< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U	< 0.065 U	< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U	< 3 U	< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U	< 4.7 U	< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U	< 0.055 U	< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U	< 1.1 U	< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U	< 1.6 U	< 1.6 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-26	F-SS138-27	F-SS138-27	F-SS138-27
		Sample Date	10/19/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-26A(0-0.5)	SS138-27B(0.5-1)	SS138-27A(0-0.5)	SS138-27BD(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U	< 1.6 U	< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U	< 3 U	< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U	< 0.8 U	< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U	< 0.041 U	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U	< 0.93 U	< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U	< 3.3 U	< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U	< 0.041 U	< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	
Anthracene	120-12-7	mg/kg	< 0.71 U	< 0.71 U	< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	0.59	< 0.041 U	< 0.041 U	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U	< 0.36 U	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U	< 0.48 U	< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U	< 1.8 U	< 1.8 U	
Chrysene	218-01-9	mg/kg	0.58	< 0.032 U	< 0.032 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.038 U	< 0.038 U	< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U	< 0.063 U	< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	
Fluoranthene	206-44-0	mg/kg	0.55	0.34	0.3	
Fluorene	86-73-7	mg/kg	< 0.065 U	< 0.065 U	< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U	< 0.08 U	< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U	< 0.97 U	< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U	< 0.52 U	< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U	< 1.8 U	< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U	< 2.4 U	< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U	< 0.74 U	< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U	< 0.46 U	< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U	< 1.1 U	< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-26	F-SS138-27	F-SS138-27	F-SS138-27
		Sample Date	10/19/1993	10/22/1993	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	0 - 1
		Sample ID	SS138-26A(0-0.5)	SS138-27B(0.5-1)	SS138-27A(0-0.5)	SS138-27BD(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U	< 0.76 U	< 0.76 U	
Phenanthrene	85-01-8	mg/kg	0.7	0.43	0.3	
Phenol	108-95-2	mg/kg	< 0.052 U	< 0.052 U	< 0.052 U	
Pyrene	129-00-0	mg/kg	1.1	0.44	0.37	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U	< 0.071 U	< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg			< 0.25 U	< 0.25 U

		Site Name	138	138	138	138
		Location ID	F-SS138-28	F-SS138-28	F-SS138-29	F-SS138-29
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-28B(0.5-1)	SS138-28A(0-0.5)	SS138-29B(0.5-1)	SS138-29A(0-0.5)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg		< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg		< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg		< 2 U		< 2 U
3-Nitrotoluene	99-08-1	mg/kg		< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg		< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg		< 1.8 U		< 1.14 U
Nitrobenzene	98-95-3	mg/kg		< 1.14 U		< 1.8 U
Nitrocellulose	9004-70-0	mg/kg		71.7 B		103 B
Nitroglycerin	55-63-0	mg/kg		< 0.51 U		< 0.51 U
PETN	78-11-5	mg/kg		< 1 U		< 1 U
RDX	121-82-4	mg/kg		< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg		< 2.11 U		< 2.11 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg		< 1.4 U		< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg		< 2.5 U		< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.32 U		< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg		< 2 U		< 2 U
Metals						
Aluminum	7429-90-5	mg/kg		8990		9490
Antimony	7440-36-0	mg/kg		< 1 U		< 1 U
Arsenic	7440-38-2	mg/kg		4.04		5.65
Barium	7440-39-3	mg/kg		48.4		51.2
Beryllium	7440-41-7	mg/kg		< 0.427 U		< 0.427 U
Cadmium	7440-43-9	mg/kg		4.26		< 1.2 U
Calcium	7440-70-2	mg/kg		2520		4790
Chromium	7440-47-3	mg/kg		16.5		13.6
Cobalt	7440-48-4	mg/kg		7.21		4.4
Copper	7440-50-8	mg/kg		18.7		22.9
Iron	7439-89-6	mg/kg		21300		16600
Lead	7439-92-1	mg/kg		19.5		47
Magnesium	7439-95-4	mg/kg		2510		1960
Manganese	7439-96-5	mg/kg		398		156
Mercury	7439-97-6	mg/kg		0.12 J		0.14 J
Nickel	7440-02-0	mg/kg		11.6		8.8
Potassium	7440-09-7	mg/kg		753		867
Selenium	7782-49-2	mg/kg		< 0.449 UJ		0.8 J
Silver	7440-22-4	mg/kg		< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg		< 38.7 U		90.1
Thallium	7440-28-0	mg/kg		< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg		19.7		20.9
Zinc	7440-66-6	mg/kg		58.3		85.6

		Site Name	138	138	138	138
		Location ID	F-SS138-28	F-SS138-28	F-SS138-29	F-SS138-29
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-28B(0.5-1)	SS138-28A(0-0.5)	SS138-29B(0.5-1)	SS138-29A(0-0.5)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg		< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg		< 0.065 U		< 0.065 U
PCBs						
Aroclor 1016	12674-11-2	mg/kg		< 0.32 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg		< 0.79 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg				
Aroclor 1262	37324-23-5	mg/kg		< 6.3 U		< 6.3 U
Pesticides						
4,4'-DDD	72-54-8	mg/kg		< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg				
4,4'-DDE	72-55-9	mg/kg		< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg				
4,4'-DDT	50-29-3	mg/kg		< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg				
Aldrin	309-00-2	mg/kg		< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg				
alpha-BHC	319-84-6	mg/kg		< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg				
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg		< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg		< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg				
Chlordane	57-74-9	mg/kg		< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg				
delta-BHC	319-86-8	mg/kg		< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg				
Dieldrin	60-57-1	mg/kg		< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg				
Endosulfan I	959-98-8	mg/kg		< 0.4 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg				
Endosulfan II	33213-65-9	mg/kg		< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg				
Endosulfan sulfate	1031-07-8	mg/kg		< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg				
Endrin	72-20-8	mg/kg		< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg				

		Site Name	138	138	138	138
		Location ID	F-SS138-28	F-SS138-28	F-SS138-29	F-SS138-29
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-28B(0.5-1)	SS138-28A(0-0.5)	SS138-29B(0.5-1)	SS138-29A(0-0.5)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg		< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg				
gamma-BHC (Lindane)	58-89-9	mg/kg		< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg				
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg		< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg				
Heptachlor epoxide	1024-57-3	mg/kg		< 0.48 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg				
Isodrin	465-73-6	mg/kg		< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg				
Malathion	121-75-5	mg/kg		< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg		< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg				
Mirex	2385-85-5	mg/kg		< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg		< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg		< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg		< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg		< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg		< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg		< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg				
Vapona	62-73-7	mg/kg		< 0.068 U		< 0.068 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg		< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg		< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg		< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg		< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg		< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg		< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg		< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg		< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg		< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 1.6 U		< 1.6 U

		Site Name	138	138	138	138
		Location ID	F-SS138-28	F-SS138-28	F-SS138-29	F-SS138-29
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-28B(0.5-1)	SS138-28A(0-0.5)	SS138-29B(0.5-1)	SS138-29A(0-0.5)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg		< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg		< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg		< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg		< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg		< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg		< 0.033 U		< 0.033 U
Anthracene	120-12-7	mg/kg		< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg		< 0.041 U		< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg		< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg		< 0.31 U		< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg		< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg		< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg		< 0.032 U		< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg		< 0.038 U		< 0.038 U
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg		< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg		< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg		< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg		< 1.3 U		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg		< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg		0.1		0.36
Fluorene	86-73-7	mg/kg		< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg		< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg		< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 0.52 U		< 0.52 U
Hexachloroethane	67-72-1	mg/kg		< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg		< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg		< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg		< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.29 U		< 0.29 U

		Site Name	138	138	138	138
		Location ID	F-SS138-28	F-SS138-28	F-SS138-29	F-SS138-29
		Sample Date	10/19/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-28B(0.5-1)	SS138-28A(0-0.5)	SS138-29B(0.5-1)	SS138-29A(0-0.5)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg		< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg		< 0.032 U		0.23
Phenol	108-95-2	mg/kg		< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg		< 0.083 U		0.59
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg		< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U		< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg		< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg	< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	< 2 U		< 2 U	
Benzene	71-43-2	mg/kg	< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg	< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg	< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg	< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg	< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg	< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg		< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg	< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg	< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg	< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg	< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg	< 0.78 U		< 0.78 U	
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg		0.66 J		0.45 J

		Site Name	138	138	138	138	138
		Location ID	F-SS138-3	F-SS138-3	F-SS138-30	F-SS138-30	F-SS138-4
		Sample Date	10/18/1993	10/18/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-3B(0.5-1)	SS138-3A(0-0.5)	SS138-30A(0-0.5)	SS138-30B(0.5-1)	SS138-4B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg		< 0.922 U	< 0.922 U		
1,3-Dinitrobenzene	99-65-0	mg/kg		< 0.504 U	< 0.504 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg		< 2 U	< 2 U		
3-Nitrotoluene	99-08-1	mg/kg		< 0.34 U	< 0.34 U		
HMX	2691-41-0	mg/kg		< 2 U	< 2 U		
Nitrobenzene	98-95-3	mg/kg		< 1.14 U	< 1.8 U		
Nitrobenzene	98-95-3	mg/kg		< 1.8 U	< 1.14 U		
Nitrocellulose	9004-70-0	mg/kg		< 23.1 U	56.1 B		
Nitroglycerin	55-63-0	mg/kg		< 0.51 U	< 0.51 U		
PETN	78-11-5	mg/kg		< 1 U	< 1 U		
RDX	121-82-4	mg/kg		< 1.28 U	< 1.28 U		
Tetryl	479-45-8	mg/kg		< 2.11 U	< 2.11 U		
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg		< 2.5 U	< 2.5 U		
2,4-Dinitrotoluene	121-14-2	mg/kg		< 1.4 U	< 1.4 U		
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.32 U	< 2 U		
2,6-Dinitrotoluene	606-20-2	mg/kg		< 2 U	< 0.32 U		
Metals							
Aluminum	7429-90-5	mg/kg		7980	5530		
Antimony	7440-36-0	mg/kg		< 1 U	< 1 U		
Arsenic	7440-38-2	mg/kg		4.64	4.18		
Barium	7440-39-3	mg/kg		54	50.3		
Beryllium	7440-41-7	mg/kg		< 0.427 U	< 0.427 U		
Cadmium	7440-43-9	mg/kg		< 1.2 U	< 1.2 U		
Calcium	7440-70-2	mg/kg		4820	3050		
Chromium	7440-47-3	mg/kg		12.3	11.3		
Cobalt	7440-48-4	mg/kg		5.33	5.99		
Copper	7440-50-8	mg/kg		32.1	18.5		
Iron	7439-89-6	mg/kg		15800	12000		
Lead	7439-92-1	mg/kg		57.8	49.3		
Magnesium	7439-95-4	mg/kg		3330	1430		
Manganese	7439-96-5	mg/kg		142	74		
Mercury	7439-97-6	mg/kg		0.41 J	0.08 J		
Nickel	7440-02-0	mg/kg		11.1	10.3		
Potassium	7440-09-7	mg/kg		1630	508		
Selenium	7782-49-2	mg/kg		1.82 J	< 0.449 UJ		
Silver	7440-22-4	mg/kg		< 0.803 U	< 0.803 U		
Sodium	7440-23-5	mg/kg		73.5	85.3		
Thallium	7440-28-0	mg/kg		< 34.3 U	< 34.3 U		
Vanadium	7440-62-2	mg/kg		25.2	14.9		
Zinc	7440-66-6	mg/kg		54.4	53.1		

		Site Name	138	138	138	138	138
		Location ID	F-SS138-3	F-SS138-3	F-SS138-30	F-SS138-30	F-SS138-4
		Sample Date	10/18/1993	10/18/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-3B(0.5-1)	SS138-3A(0-0.5)	SS138-30A(0-0.5)	SS138-30B(0.5-1)	SS138-4B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg		< 0.075 U	< 0.075 U		
Dithiane	51330-42-8	mg/kg		< 0.065 U	< 0.065 U		
PCBs							
Aroclor 1016	12674-11-2	mg/kg		< 0.32 U	< 0.32 U		
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg		< 0.79 U	< 0.79 U		
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg		< 6.3 U	< 6.3 U		
Pesticides							
4,4'-DDD	72-54-8	mg/kg		< 0.064 U	< 0.064 U		
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg		< 0.068 U	< 0.068 U		
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg		< 0.1 U	< 0.1 U		
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg		< 1.3 U	< 1.3 U		
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg		< 1.3 U	< 1.3 U		
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg		< 0.065 U	< 0.065 U		
beta-BHC	319-85-7	mg/kg		< 1.3 U	< 1.3 U		
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg		< 0.68 U	< 0.68 U		
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg		< 0.21 U	< 0.21 U		
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg		< 0.079 U	< 0.079 U		
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg		< 0.4 U	< 0.4 U		
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg		< 2.4 U	< 2.4 U		
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg		< 1.2 U	< 1.2 U		
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg		< 1.3 U	< 1.3 U		
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-SS138-3	F-SS138-3	F-SS138-30	F-SS138-30	F-SS138-4
		Sample Date	10/18/1993	10/18/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-3B(0.5-1)	SS138-3A(0-0.5)	SS138-30A(0-0.5)	SS138-30B(0.5-1)	SS138-4B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg		< 1.8 U	< 1.8 U		
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg		< 0.1 U	< 0.1 U		
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg		< 0.24 U	< 0.24 U		
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg		< 0.48 U	< 0.48 U		
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg		< 0.48 U	< 0.48 U		
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg		< 0.18 U	< 0.18 U		
Methoxychlor	72-43-5	mg/kg		< 0.26 U	< 0.26 U		
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg		< 0.14 U	< 0.14 U		
Parathion	56-38-2	mg/kg		< 1.7 U	< 1.7 U		
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg		< 0.097 U	< 0.097 U		
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg		< 0.066 U	< 0.066 U		
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg		< 0.32 U	< 0.32 U		
Supona	470-90-6	mg/kg		< 0.92 U	< 0.92 U		
Toxaphene	8001-35-2	mg/kg		< 12 U	< 12 U		
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg		< 0.068 U	< 0.068 U		
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.22 U	< 0.22 U		
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.042 U	< 0.042 U		
1,2-Diphenylhydrazine	122-66-7	mg/kg		< 0.52 U	< 0.52 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.14 U	< 0.042 U	< 0.042 U	< 0.14 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.034 U	< 0.034 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.49 U	< 0.49 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.061 U	< 0.061 U		
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.065 U	< 0.065 U		
2,4-Dimethylphenol	105-67-9	mg/kg		< 3 U	< 3 U		
2,4-Dinitrophenol	51-28-5	mg/kg		< 4.7 U	< 4.7 U		
2,6-Dinitroaniline	606-22-4	mg/kg		< 0.57 U	< 0.57 U		
2-Chloronaphthalene	91-58-7	mg/kg		< 0.24 U	< 0.24 U		
2-Chlorophenol	95-57-8	mg/kg		< 0.055 U	< 0.055 U		
2-Methylnaphthalene	91-57-6	mg/kg		< 0.032 U	< 0.032 U		
2-Methylphenol	95-48-7	mg/kg		< 0.098 U	< 0.098 U		
2-Nitrophenol	88-75-5	mg/kg		< 1.1 U	< 1.1 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 1.6 U	< 1.6 U		

		Site Name	138	138	138	138	138
		Location ID	F-SS138-3	F-SS138-3	F-SS138-30	F-SS138-30	F-SS138-4
		Sample Date	10/18/1993	10/18/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-3B(0.5-1)	SS138-3A(0-0.5)	SS138-30A(0-0.5)	SS138-30B(0.5-1)	SS138-4B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg		< 1.6 U	< 1.6 U		
3-Nitroaniline	99-09-2	mg/kg		< 3 U	< 3 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 0.8 U	< 0.8 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.041 U	< 0.041 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.93 U	< 0.93 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.17 U	< 0.17 U		
4-Methylphenol	106-44-5	mg/kg		< 0.24 U#	< 0.24 U#		
4-Nitrophenol	100-02-7	mg/kg		< 3.3 U	< 3.3 U		
Acenaphthene	83-32-9	mg/kg		0.75	< 0.041 U		
Acenaphthylene	208-96-8	mg/kg		0.7	< 0.033 U		
Anthracene	120-12-7	mg/kg		2	< 0.71 U		
Benz(a)anthracene	56-55-3	mg/kg		9.7	2.9		
Benzo(a)pyrene	50-32-8	mg/kg		5.8	< 1.2 U		
Benzo(b)fluoranthene	205-99-2	mg/kg		7.7	2.1		
Benzo(g,h,i)perylene	191-24-2	mg/kg		4.4	< 0.18 U		
Benzo(k)fluoranthene	207-08-9	mg/kg		5.4	1.7		
Benzyl alcohol	100-51-6	mg/kg		< 0.032 U	< 0.032 U		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.19 U	< 0.19 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.36 U	< 0.36 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.44 U	< 0.44 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.48 U	< 0.48 U		
Butylbenzyl phthalate	85-68-7	mg/kg		< 1.8 U	< 1.8 U		
Chrysene	218-01-9	mg/kg		6.3	2.6		
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.31 U	< 0.31 U		
Dibenzofuran	132-64-9	mg/kg		< 0.38 U	< 0.038 U		
Dichlorobenzenes	25321-22-6	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg		< 0.57 U	< 0.57 U		
Diethylphthalate	84-66-2	mg/kg		< 0.24 U	< 0.24 U		
Dimethylphthalate	131-11-3	mg/kg		< 0.063 U	< 0.063 U		
di-n-Butylphthalate	84-74-2	mg/kg		< 1.3 U	< 1.3 U		
di-n-Octylphthalate	117-84-0	mg/kg		< 0.23 U	< 0.23 U		
Fluoranthene	206-44-0	mg/kg		10 D	2.2		
Fluorene	86-73-7	mg/kg		1	< 0.065 U		
Hexachlorobenzene	118-74-1	mg/kg		< 0.08 U	< 0.08 U		
Hexachlorobutadiene	87-68-3	mg/kg		< 0.97 U	< 0.97 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 0.52 U	< 0.52 U		
Hexachloroethane	67-72-1	mg/kg		< 1.8 U	< 1.8 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 2.4 U	< 2.4 U		
Isophorone	78-59-1	mg/kg		< 0.39 U	< 0.39 U		
Naphthalene	91-20-3	mg/kg		< 0.74 U	< 0.74 U		
N-Nitrosodimethylamine	62-75-9	mg/kg		< 0.46 U	< 0.46 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 1.1 U	< 1.1 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.29 U	< 0.29 U		

		Site Name	138	138	138	138	138
		Location ID	F-SS138-3	F-SS138-3	F-SS138-30	F-SS138-30	F-SS138-4
		Sample Date	10/18/1993	10/18/1993	10/19/1993	10/19/1993	10/19/1993
		Depth Interval	.5 - 1	0 - .5	0 - .5	.5 - 1	.5 - 1
		Sample ID	SS138-3B(0.5-1)	SS138-3A(0-0.5)	SS138-30A(0-0.5)	SS138-30B(0.5-1)	SS138-4B(0.5-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg		< 0.76 U	< 0.76 U		
Phenanthrene	85-01-8	mg/kg		10	0.66		
Phenol	108-95-2	mg/kg		< 0.052 U	< 0.052 U		
Pyrene	129-00-0	mg/kg		12	4.2		
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.33 U			< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.49 U			< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.27 U			< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg		< 0.032 U	< 0.032 U		
1,2-Dichloroethane	107-06-2	mg/kg	< 0.32 U			< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.32 U			< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.53 U			< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg		< 0.62 U	< 0.62 U		
2-Butanone	78-93-3	mg/kg	< 4.3 U			< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	< 0.5 U			< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.63 U			< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg	< 3.3 U			< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg	< 2 U			< 2 U	< 2 U
Benzene	71-43-2	mg/kg	< 0.1 U			< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg	< 0.2 U			< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg	< 0.26 U			< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.31 U			< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg	< 0.1 U			< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg	< 0.64 U			< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg	< 0.24 U			< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg	< 0.96 U			< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	< 0.25 U			< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg		< 0.071 U	< 0.071 U		
Ethyl benzene	100-41-4	mg/kg	< 0.19 U			< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg	< 4.4 U			< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg	< 0.23 U			< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	< 0.16 U			< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg	< 0.1 U			< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg	< 0.23 U			< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.23 U			< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U			< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg	< 0.78 U			< 0.78 U	< 0.78 U
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg		0.43 J	< 0.25 UJ		

		Site Name	138	138	138	138
		Location ID	F-SS138-4	F-SS138-5	F-SS138-5	F-SS138-6
		Sample Date	10/19/1993	11/23/1993	11/23/1993	11/23/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-4A(0-0.5)	SS138-5B(0.5-1)	SS138-5A(0-0.5)	SS138-6B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 U		< 0.922 UJ	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 U		< 0.504 UJ	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 U		< 2 UJ	
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U	
HMX	2691-41-0	mg/kg	< 2 U		< 2 UJ	
Nitrobenzene	98-95-3	mg/kg	< 1.14 U		< 1.14 UJ	
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.8 U	
Nitrocellulose	9004-70-0	mg/kg	46.9 B		157	
Nitroglycerin	55-63-0	mg/kg	< 0.51 U		< 0.51 U	
PETN	78-11-5	mg/kg	< 1 U		< 1 U	
RDX	121-82-4	mg/kg	< 1.28 U		< 1.28 UJ	
Tetryl	479-45-8	mg/kg	< 2.11 U		< 2.11 UJ	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 U		< 2.5 UJ	
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 U		< 2 UJ	
Metals						
Aluminum	7429-90-5	mg/kg	8040		14500	
Antimony	7440-36-0	mg/kg	< 1 U		< 1 U	
Arsenic	7440-38-2	mg/kg	< 2.5 U		20.5	
Barium	7440-39-3	mg/kg	25.1		108	
Beryllium	7440-41-7	mg/kg	0.61		1.17	
Cadmium	7440-43-9	mg/kg	< 1.2 U		< 1.2 U	
Calcium	7440-70-2	mg/kg	1790		18200	
Chromium	7440-47-3	mg/kg	13.7		11.9	
Cobalt	7440-48-4	mg/kg	5.43		8.85	
Copper	7440-50-8	mg/kg	12.7		67.9	
Iron	7439-89-6	mg/kg	27000		28000	
Lead	7439-92-1	mg/kg	19		105	
Magnesium	7439-95-4	mg/kg	2950		6610	
Manganese	7439-96-5	mg/kg	209		851	
Mercury	7439-97-6	mg/kg	0.29 J		0.38	
Nickel	7440-02-0	mg/kg	9.78		12.6	
Potassium	7440-09-7	mg/kg	731		1170	
Selenium	7782-49-2	mg/kg	< 0.449 UJ		< 0.449 U	
Silver	7440-22-4	mg/kg	< 0.803 U		< 0.803 U	
Sodium	7440-23-5	mg/kg	93.7		659	
Thallium	7440-28-0	mg/kg	< 34.3 U		< 34.3 U	
Vanadium	7440-62-2	mg/kg	19.1		24.2	
Zinc	7440-66-6	mg/kg	42.3		571	

		Site Name	138	138	138	138
		Location ID	F-SS138-4	F-SS138-5	F-SS138-5	F-SS138-6
		Sample Date	10/19/1993	11/23/1993	11/23/1993	11/23/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-4A(0-0.5)	SS138-5B(0.5-1)	SS138-5A(0-0.5)	SS138-6B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Other						
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U	
PCBs						
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.1 U	
Aroclor 1016	12674-11-2	mg/kg			< 0.32 U	
Aroclor 1221	11104-28-2	mg/kg			< 0.1 UT	
Aroclor 1232	11141-16-5	mg/kg			< 0.1 UT	
Aroclor 1242	53469-21-9	mg/kg			< 0.1 UT	
Aroclor 1248	12672-29-6	mg/kg			< 0.1 UT	
Aroclor 1254	11097-69-1	mg/kg			< 0.0479 UT	
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.0479 U	
Aroclor 1260	11096-82-5	mg/kg			< 0.79 U	
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U	
Pesticides						
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U	
4,4'-DDD	72-54-8	mg/kg			< 0.27 U	
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.27 U	
4,4'-DDE	72-55-9	mg/kg			< 0.068 U	
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U	
4,4'-DDT	50-29-3	mg/kg			0.71	
Aldrin	309-00-2	mg/kg	< 1.3 U		< 0.14 U	
Aldrin	309-00-2	mg/kg			< 1.3 U	
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 0.28 U	
alpha-BHC	319-84-6	mg/kg			< 1.3 U	
alpha-Chlordane	5103-71-9	mg/kg				
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U	
beta-BHC	319-85-7	mg/kg			< 0.77 U	
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.0684 U	
Chlordane	57-74-9	mg/kg			< 0.68 U	
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.85 U	
delta-BHC	319-86-8	mg/kg			< 0.21 U	
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U	
Dieldrin	60-57-1	mg/kg			0.76	
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U	
Endosulfan I	959-98-8	mg/kg			< 0.1 U	
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U	
Endosulfan II	33213-65-9	mg/kg			0.2 N	
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 0.05 UT	
Endosulfan sulfate	1031-07-8	mg/kg			< 1.2 U	
Endrin	72-20-8	mg/kg	< 1.3 U		< 0.65 U	
Endrin	72-20-8	mg/kg			< 1.3 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-4	F-SS138-5	F-SS138-5	F-SS138-6
		Sample Date	10/19/1993	11/23/1993	11/23/1993	11/23/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-4A(0-0.5)	SS138-5B(0.5-1)	SS138-5A(0-0.5)	SS138-6B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg			< 0.05 UT	
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg			< 0.1 U	
gamma-Chlordane	5103-74-2	mg/kg				
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U	
Heptachlor	76-44-8	mg/kg			< 0.22 U	
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg			< 0.13 U	
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.3 U	
Isodrin	465-73-6	mg/kg			< 0.48 U	
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U	
Methoxychlor	72-43-5	mg/kg			< 0.0359 U	
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg			< 0.226 U	
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.032 U		< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-4	F-SS138-5	F-SS138-5	F-SS138-6
		Sample Date	10/19/1993	11/23/1993	11/23/1993	11/23/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-4A(0-0.5)	SS138-5B(0.5-1)	SS138-5A(0-0.5)	SS138-6B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	< 0.041 U		< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	< 0.033 U		0.31	
Anthracene	120-12-7	mg/kg	< 0.71 U		< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	< 0.041 U		3.3	
Benzo(a)pyrene	50-32-8	mg/kg	< 1.2 U		2.6	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.31 U		4	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.18 U		2.2	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.13 U		2	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U	
Chrysene	218-01-9	mg/kg	< 0.032 U		2.9	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	< 0.038 U		< 0.38 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U		< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U	
Fluoranthene	206-44-0	mg/kg	0.1		2.9	
Fluorene	86-73-7	mg/kg	< 0.065 U		< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 2.4 U		< 2.4 U	
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	< 0.74 U		< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U	

		Site Name	138	138	138	138
		Location ID	F-SS138-4	F-SS138-5	F-SS138-5	F-SS138-6
		Sample Date	10/19/1993	11/23/1993	11/23/1993	11/23/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1
		Sample ID	SS138-4A(0-0.5)	SS138-5B(0.5-1)	SS138-5A(0-0.5)	SS138-6B(0.5-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	< 0.032 U		2	
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	< 0.083 U		6.1	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U
WetChem						
% Solids	%Solid	%				
Cyanide	57-12-5	mg/kg	< 0.25 UJ		1.36	

		Site Name	138	138	138	138	138
		Location ID	F-SS138-6	F-SS138-7	F-SS138-7	F-SS138-8	F-SS138-8
		Sample Date	11/23/1993	10/18/1993	10/18/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-6A(0-0.5)	SS138-7B(0.5-1)	SS138-7A(0-0.5)	SS138-8B(0.5-1)	SS138-8A(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 UJ		< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 UJ		< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 UJ		< 2 U		< 2 U
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U		< 0.34 U		< 0.34 U
HMX	2691-41-0	mg/kg	< 2 UJ		< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	< 1.8 U		< 1.14 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	< 1.14 UJ		< 1.8 U		< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	184		< 23.1 U		64.7 B
Nitroglycerin	55-63-0	mg/kg	< 0.51 U		< 0.51 U		< 0.51 U
PETN	78-11-5	mg/kg	< 1 U		< 1 U		< 1 U
RDX	121-82-4	mg/kg	< 1.28 UJ		< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	< 2.11 UJ		< 2.11 U		< 2.11 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U		< 1.4 U		< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 UJ		< 2.5 U		< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 UJ		< 0.32 U		< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U		< 2 U		< 2 U
Metals							
Aluminum	7429-90-5	mg/kg	18300		12300		12600
Antimony	7440-36-0	mg/kg	< 1 U		< 1 U		< 1 U
Arsenic	7440-38-2	mg/kg	11.4		4.41		8.77
Barium	7440-39-3	mg/kg	555		54		121
Beryllium	7440-41-7	mg/kg	1.18		< 0.427 U		0.64
Cadmium	7440-43-9	mg/kg	2		< 1.2 U		< 1.2 U
Calcium	7440-70-2	mg/kg	24200		2420		13600
Chromium	7440-47-3	mg/kg	14.4		15.5		22.2
Cobalt	7440-48-4	mg/kg	11.8		7.28		8.71
Copper	7440-50-8	mg/kg	49.8		96.1		37.3
Iron	7439-89-6	mg/kg	31300		34100		28200
Lead	7439-92-1	mg/kg	127		75.5		174
Magnesium	7439-95-4	mg/kg	8620		3000		10000
Manganese	7439-96-5	mg/kg	8500 D		421		1090
Mercury	7439-97-6	mg/kg	1 D		0.29 J		21 JD
Nickel	7440-02-0	mg/kg	14.5		11.5		16.5
Potassium	7440-09-7	mg/kg	1040		776		1090
Selenium	7782-49-2	mg/kg	< 0.449 U		0.56 J		0.8 J
Silver	7440-22-4	mg/kg	2.45		< 0.803 U		15.8
Sodium	7440-23-5	mg/kg	763		77.5		161
Thallium	7440-28-0	mg/kg	< 34.3 U		< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	27.5		22.6		30.7
Zinc	7440-66-6	mg/kg	933		204		453

		Site Name	138	138	138	138	138
		Location ID	F-SS138-6	F-SS138-7	F-SS138-7	F-SS138-8	F-SS138-8
		Sample Date	11/23/1993	10/18/1993	10/18/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-6A(0-0.5)	SS138-7B(0.5-1)	SS138-7A(0-0.5)	SS138-8B(0.5-1)	SS138-8A(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Other							
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U		< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	< 0.065 U		< 0.065 U		< 0.065 U
PCBs							
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U		< 0.32 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg					
Aroclor 1221	11104-28-2	mg/kg					
Aroclor 1232	11141-16-5	mg/kg					
Aroclor 1242	53469-21-9	mg/kg					
Aroclor 1248	12672-29-6	mg/kg					
Aroclor 1254	11097-69-1	mg/kg					
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U		< 0.79 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg					
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U		< 6.3 U		< 6.3 U
Pesticides							
4,4'-DDD	72-54-8	mg/kg	< 0.064 U		< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg					
4,4'-DDE	72-55-9	mg/kg	< 0.068 U		< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg					
4,4'-DDT	50-29-3	mg/kg	< 0.1 U		< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg					
Aldrin	309-00-2	mg/kg	< 1.3 U		< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg					
alpha-BHC	319-84-6	mg/kg	< 1.3 U		< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg					
alpha-Chlordane	5103-71-9	mg/kg					
Atrazine	1912-24-9	mg/kg	< 0.065 U		< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	< 1.3 U		< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg					
Chlordane	57-74-9	mg/kg	< 0.68 U		< 0.68 U		< 0.68 U
Chlordane	57-74-9	mg/kg					
delta-BHC	319-86-8	mg/kg	< 0.21 U		< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg					
Dieldrin	60-57-1	mg/kg	< 0.079 U		< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg					
Endosulfan I	959-98-8	mg/kg	< 0.4 U		< 0.4 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg					
Endosulfan II	33213-65-9	mg/kg	< 2.4 U		< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg					
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U		< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg					
Endrin	72-20-8	mg/kg	< 1.3 U		< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg					

		Site Name	138	138	138	138	138
		Location ID	F-SS138-6	F-SS138-7	F-SS138-7	F-SS138-8	F-SS138-8
		Sample Date	11/23/1993	10/18/1993	10/18/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-6A(0-0.5)	SS138-7B(0.5-1)	SS138-7A(0-0.5)	SS138-8B(0.5-1)	SS138-8A(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U		< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg					
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U		< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg					
gamma-Chlordane	5103-74-2	mg/kg					
Heptachlor	76-44-8	mg/kg	< 0.24 U		< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg					
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U		< 0.48 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg					
Isodrin	465-73-6	mg/kg	< 0.48 U		< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg					
Malathion	121-75-5	mg/kg	< 0.18 U		< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	< 0.26 U		< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg					
Mirex	2385-85-5	mg/kg	< 0.14 U		< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	< 1.7 U		< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U		< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U		< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U		< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	< 0.92 U		< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	< 12 U		< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg					
Vapona	62-73-7	mg/kg	< 0.068 U		< 0.068 U		< 0.068 U
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U		< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U		< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U		< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U		< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U		< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U		< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U		< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U		< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U		< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U		< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U		< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U		< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	5.6		0.17		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	< 0.098 U		< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U		< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U		< 1.6 U		< 1.6 U

		Site Name	138	138	138	138	138
		Location ID	F-SS138-6	F-SS138-7	F-SS138-7	F-SS138-8	F-SS138-8
		Sample Date	11/23/1993	10/18/1993	10/18/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-6A(0-0.5)	SS138-7B(0.5-1)	SS138-7A(0-0.5)	SS138-8B(0.5-1)	SS138-8A(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U		< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	< 3 U		< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U		< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U		< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U		< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U		< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#		< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U		< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	22		0.79		0.29
Acenaphthylene	208-96-8	mg/kg	17		1.2		0.34
Anthracene	120-12-7	mg/kg	80 D		4		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	100 D		13		2.3
Benzo(a)pyrene	50-32-8	mg/kg	40 JD		9.9		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	200 D		12		2
Benzo(g,h,i)perylene	191-24-2	mg/kg	70 D		5.5		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	90 D		8.4		1.8
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U		< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U		< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U		< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U		< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U		< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U		< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	100 D		8.1		2.2
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.31 U		1.5		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	9 D		< 0.38 U		< 0.038 U
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U		< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U		< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U		< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	1.8		< 1.3 U		2
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U		< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	200 JD		10 D		3.3
Fluorene	86-73-7	mg/kg	50 D		1.3		0.29
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U		< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U		< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U		< 0.52 U		< 0.52 U
Hexachloroethane	67-72-1	mg/kg	< 1.8 U		< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	70 D		6.2		< 2.4 U
Isophorone	78-59-1	mg/kg	< 0.39 U		< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	6.5		< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U		< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U		< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U		< 0.29 U		< 0.29 U

		Site Name	138	138	138	138	138
		Location ID	F-SS138-6	F-SS138-7	F-SS138-7	F-SS138-8	F-SS138-8
		Sample Date	11/23/1993	10/18/1993	10/18/1993	10/19/1993	10/19/1993
		Depth Interval	0 - .5	.5 - 1	0 - .5	.5 - 1	0 - .5
		Sample ID	SS138-6A(0-0.5)	SS138-7B(0.5-1)	SS138-7A(0-0.5)	SS138-8B(0.5-1)	SS138-8A(0-0.5)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U		< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	300 D		14		2.9
Phenol	108-95-2	mg/kg	< 0.052 U		< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	300 D		20 D		4.7
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U		< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U		< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U	
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U		< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U	
WetChem							
% Solids	%Solid	%					
Cyanide	57-12-5	mg/kg	0.67		< 0.25 U		0.45 J

		Site Name	138	138
		Location ID	F-SS138-9	F-SS138-9
		Sample Date	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1
		Sample ID	SS138-9A(0-0.5)	SS138-9B(0.5-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 2 U	
3-Nitrotoluene	99-08-1	mg/kg	< 0.34 U	
HMX	2691-41-0	mg/kg	< 2 U	
Nitrobenzene	98-95-3	mg/kg	< 1.8 U	
Nitrobenzene	98-95-3	mg/kg	< 1.14 U	
Nitrocellulose	9004-70-0	mg/kg	56.1	
Nitroglycerin	55-63-0	mg/kg	< 0.51 U	
PETN	78-11-5	mg/kg	< 1 U	
RDX	121-82-4	mg/kg	< 1.28 U	
Tetryl	479-45-8	mg/kg	< 2.11 U	
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	< 2.5 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	< 1.4 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 2 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.32 U	
Metals				
Aluminum	7429-90-5	mg/kg	22400	
Antimony	7440-36-0	mg/kg	2.58	
Arsenic	7440-38-2	mg/kg	6.44	
Barium	7440-39-3	mg/kg	89.8	
Beryllium	7440-41-7	mg/kg	0.69	
Cadmium	7440-43-9	mg/kg	1.71	
Calcium	7440-70-2	mg/kg	4250	
Chromium	7440-47-3	mg/kg	22.5	
Cobalt	7440-48-4	mg/kg	7	
Copper	7440-50-8	mg/kg	24.7	
Iron	7439-89-6	mg/kg	30000	
Lead	7439-92-1	mg/kg	361	
Magnesium	7439-95-4	mg/kg	2790	
Manganese	7439-96-5	mg/kg	159	
Mercury	7439-97-6	mg/kg	0.46	
Nickel	7440-02-0	mg/kg	12.7	
Potassium	7440-09-7	mg/kg	907	
Selenium	7782-49-2	mg/kg	< 0.449 U	
Silver	7440-22-4	mg/kg	< 0.803 U	
Sodium	7440-23-5	mg/kg	92.4	
Thallium	7440-28-0	mg/kg	< 34.3 U	
Vanadium	7440-62-2	mg/kg	35.2	
Zinc	7440-66-6	mg/kg	461	

		Site Name	138	138
		Location ID	F-SS138-9	F-SS138-9
		Sample Date	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1
		Sample ID	SS138-9A(0-0.5)	SS138-9B(0.5-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
Other				
1,4-Oxathiane	15980-15-1	mg/kg	< 0.075 U	
Dithiane	51330-42-8	mg/kg	< 0.065 U	
PCBs				
Aroclor 1016	12674-11-2	mg/kg	< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg		
Aroclor 1221	11104-28-2	mg/kg		
Aroclor 1232	11141-16-5	mg/kg		
Aroclor 1242	53469-21-9	mg/kg		
Aroclor 1248	12672-29-6	mg/kg		
Aroclor 1254	11097-69-1	mg/kg		
Aroclor 1260	11096-82-5	mg/kg	< 0.79 U	
Aroclor 1260	11096-82-5	mg/kg		
Aroclor 1262	37324-23-5	mg/kg	< 6.3 U	
Pesticides				
4,4'-DDD	72-54-8	mg/kg	< 0.064 U	
4,4'-DDD	72-54-8	mg/kg		
4,4'-DDE	72-55-9	mg/kg	< 0.068 U	
4,4'-DDE	72-55-9	mg/kg		
4,4'-DDT	50-29-3	mg/kg	< 0.1 U	
4,4'-DDT	50-29-3	mg/kg		
Aldrin	309-00-2	mg/kg	< 1.3 U	
Aldrin	309-00-2	mg/kg		
alpha-BHC	319-84-6	mg/kg	< 1.3 U	
alpha-BHC	319-84-6	mg/kg		
alpha-Chlordane	5103-71-9	mg/kg		
Atrazine	1912-24-9	mg/kg	< 0.065 U	
beta-BHC	319-85-7	mg/kg	< 1.3 U	
beta-BHC	319-85-7	mg/kg		
Chlordane	57-74-9	mg/kg	< 0.68 U	
Chlordane	57-74-9	mg/kg		
delta-BHC	319-86-8	mg/kg	< 0.21 U	
delta-BHC	319-86-8	mg/kg		
Dieldrin	60-57-1	mg/kg	< 0.079 U	
Dieldrin	60-57-1	mg/kg		
Endosulfan I	959-98-8	mg/kg	< 0.4 U	
Endosulfan I	959-98-8	mg/kg		
Endosulfan II	33213-65-9	mg/kg	< 2.4 U	
Endosulfan II	33213-65-9	mg/kg		
Endosulfan sulfate	1031-07-8	mg/kg	< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg		
Endrin	72-20-8	mg/kg	< 1.3 U	
Endrin	72-20-8	mg/kg		

		Site Name	138	138
		Location ID	F-SS138-9	F-SS138-9
		Sample Date	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1
		Sample ID	SS138-9A(0-0.5)	SS138-9B(0.5-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
Endrin aldehyde	7421-93-4	mg/kg	< 1.8 U	
Endrin ketone	53494-70-5	mg/kg		
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg		
gamma-Chlordane	5103-74-2	mg/kg		
Heptachlor	76-44-8	mg/kg	< 0.24 U	
Heptachlor	76-44-8	mg/kg		
Heptachlor epoxide	1024-57-3	mg/kg	< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg		
Isodrin	465-73-6	mg/kg	< 0.48 U	
Isodrin	465-73-6	mg/kg		
Malathion	121-75-5	mg/kg	< 0.18 U	
Methoxychlor	72-43-5	mg/kg	< 0.26 U	
Methoxychlor	72-43-5	mg/kg		
Mirex	2385-85-5	mg/kg	< 0.14 U	
Parathion	56-38-2	mg/kg	< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	< 0.32 U	
Supona	470-90-6	mg/kg	< 0.92 U	
Toxaphene	8001-35-2	mg/kg	< 12 U	
Toxaphene	8001-35-2	mg/kg		
Vapona	62-73-7	mg/kg	< 0.068 U	
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg		
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	9.7	
2-Methylphenol	95-48-7	mg/kg	< 0.098 U	
2-Nitrophenol	88-75-5	mg/kg	< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.6 U	

		Site Name	138	138
		Location ID	F-SS138-9	F-SS138-9
		Sample Date	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1
		Sample ID	SS138-9A(0-0.5)	SS138-9B(0.5-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
3,5-Dinitroaniline	618-87-1	mg/kg	< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.93 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	1.6 #	
4-Nitrophenol	100-02-7	mg/kg	< 3.3 U	
Acenaphthene	83-32-9	mg/kg	18	
Acenaphthylene	208-96-8	mg/kg	2.7	
Anthracene	120-12-7	mg/kg	40 D	
Benz(a)anthracene	56-55-3	mg/kg	70 D	
Benzo(a)pyrene	50-32-8	mg/kg	50 D	
Benzo(b)fluoranthene	205-99-2	mg/kg	40 D	
Benzo(g,h,i)perylene	191-24-2	mg/kg	20 D	
Benzo(k)fluoranthene	207-08-9	mg/kg	30 D	
Benzyl alcohol	100-51-6	mg/kg	< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 1.8 U	
Chrysene	218-01-9	mg/kg	60 D	
Dibenz(a,h)anthracene	53-70-3	mg/kg	3.1	
Dibenzofuran	132-64-9	mg/kg	< 0.038 U	
Dichlorobenzenes	25321-22-6	mg/kg		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.23 U	
Fluoranthene	206-44-0	mg/kg	60 D	
Fluorene	86-73-7	mg/kg	< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	23	
Isophorone	78-59-1	mg/kg	< 0.39 U	
Naphthalene	91-20-3	mg/kg	20 D	
N-Nitrosodimethylamine	62-75-9	mg/kg	< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.29 U	

		Site Name	138	138
		Location ID	F-SS138-9	F-SS138-9
		Sample Date	10/22/1993	10/22/1993
		Depth Interval	0 - .5	.5 - 1
		Sample ID	SS138-9A(0-0.5)	SS138-9B(0.5-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
Pentachlorophenol	87-86-5	mg/kg	< 0.76 U	
Phenanthrene	85-01-8	mg/kg	200 D	
Phenol	108-95-2	mg/kg	< 0.052 U	
Pyrene	129-00-0	mg/kg	100 D	
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	< 0.62 U	
2-Butanone	78-93-3	mg/kg		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	< 0.071 U	
Ethyl benzene	100-41-4	mg/kg		< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U
WetChem				
% Solids	%Solid	%		
Cyanide	57-12-5	mg/kg	< 0.25 U	

		Site Name	138	138	138	138
		Location ID	F-SW138-1	F-SW138-2	F-SW138-2	F-SW138-3
		Sample Date	11/8/1993	11/8/1993	11/8/1993	11/30/1993
		Depth Interval				
		Sample ID	SW138-1(19931108)	SW138-2DUP(19931108)	SW138-2(19931108)	SW138-3(19931130)
		Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.21 UJ	< 0.21 UJ	1.62 NJ	< 2.1 R
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.458 U	< 0.458 U	< 0.458 U	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.426 U	< 0.426 U	< 0.426 U	< 0.426 U
3-Nitrotoluene	99-08-1	ug/L	< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U
HMX	2691-41-0	ug/L	< 0.533 U	< 0.533 U	< 5.3 UJD	< 5.3 UJD
Nitrobenzene	98-95-3	ug/L	< 0.682 U	< 3.7 U	< 0.682 U	< 0.682 UJ
Nitrobenzene	98-95-3	ug/L	< 3.7 U	< 0.682 U	< 3.7 U	< 3.7 U
Nitrocellulose	9004-70-0	ug/L	< 222 UJ	394 J	1570 J	1560
Nitroglycerin	55-63-0	ug/L	< 1.49 U	< 1.49 U	< 1.49 U	< 1.49 U
PETN	78-11-5	ug/L	< 2 U	< 2 U	< 2 U	< 2 U
RDX	121-82-4	ug/L	< 0.416 R	< 0.416 R	< 0.416 R	< 4.2 UJD
Tetryl	479-45-8	ug/L	< 0.631 U	< 0.631 U	< 0.631 U	< 0.631 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.397 UJ	< 0.397 UJ	< 5.8 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	< 5.8 U	< 5.8 U	< 0.397 UJ	< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.6 U	< 6.7 U	< 6.7 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 6.7 U	< 0.6 U	< 0.6 U	< 6.7 U
Metals						
Aluminum	7429-90-5	ug/L	143	354	219	330
Antimony	7440-36-0	ug/L	< 60 U	< 60 U	< 60 U	< 60 U
Arsenic	7440-38-2	ug/L	< 2.35 U	< 2.35 U	< 2.35 U	< 2.35 U
Barium	7440-39-3	ug/L	10.5	14.5	12.9	41.2
Beryllium	7440-41-7	ug/L	< 1.12 U	< 1.12 U	< 1.12 U	< 1.12 U
Cadmium	7440-43-9	ug/L	< 6.78 U	< 6.78 U	< 6.78 U	< 6.78 U
Calcium	7440-70-2	ug/L	10900	13600	14200	19800
Chromium	7440-47-3	ug/L	< 16.8 U	< 16.8 U	< 16.8 U	< 16.8 U
Cobalt	7440-48-4	ug/L	< 25 U	< 25 U	< 25 U	< 25 U
Copper	7440-50-8	ug/L	< 18.8 U	< 18.8 U	< 18.8 U	< 18.8 U
Iron	7439-89-6	ug/L	275	664	470	187
Lead	7439-92-1	ug/L	< 4.47 U	6.76	5.91	13
Magnesium	7439-95-4	ug/L	3610	4160	4980	4720
Manganese	7439-96-5	ug/L	37.8	56.7	32.1	< 9.67 U
Mercury	7439-97-6	ug/L	< 0.1 U	< 0.1 U	< 0.1 U	0.53
Nickel	7440-02-0	ug/L	< 32.1 U	< 32.1 U	< 32.1 U	< 32.1 U
Potassium	7440-09-7	ug/L	1460	1390	1670	< 1240 U
Selenium	7782-49-2	ug/L	< 2.53 U	< 2.53 U	< 2.53 U	< 2.53 U
Silver	7440-22-4	ug/L	< 0.333 U	< 0.333 U	< 0.333 U	< 0.333 U
Sodium	7440-23-5	ug/L	15400	21200	24100	13100
Thallium	7440-28-0	ug/L	< 125 U	< 125 U	< 125 U	< 125 U
Vanadium	7440-62-2	ug/L	< 27.6 U	< 27.6 U	< 27.6 U	< 27.6 U
Zinc	7440-66-6	ug/L	< 18 U	33.2	23.6	21.3
Other						
1,4-Oxathiane	15980-15-1	ug/L	< 27 U	< 27 U	< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	< 21 U	< 21 U	< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	< 130 U	< 130 U	< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U

		Site Name	138	138	138	138
		Location ID	F-SW138-1	F-SW138-2	F-SW138-2	F-SW138-3
		Sample Date	11/8/1993	11/8/1993	11/8/1993	11/30/1993
		Depth Interval				
		Sample ID	SW138-1(19931108)	SW138-2DUP(19931108)	SW138-2(19931108)	SW138-3(19931130)
		Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**				
PCBs						
Aroclor 1016	12674-11-2	ug/L		< 0.385 U	< 0.385 U	
Aroclor 1221	11104-28-2	ug/L		< 0.385 UT	< 0.385 UT	
Aroclor 1232	11141-16-5	ug/L		< 0.385 UT	< 0.385 UT	
Aroclor 1242	53469-21-9	ug/L		< 0.385 UT	< 0.385 UT	
Aroclor 1248	12672-29-6	ug/L		< 0.385 UT	< 0.385 UT	
Aroclor 1254	11097-69-1	ug/L		< 0.176 UT	< 0.176 UT	
Aroclor 1260	11096-82-5	ug/L		< 0.176 U	< 0.176 U	
Pesticides						
4,4'-DDD	72-54-8	ug/L	< 18 U	< 18 U	< 18 U	< 18 U
4,4'-DDD	72-54-8	ug/L		< 0.81 U	< 0.81 U	
4,4'-DDE	72-55-9	ug/L	< 14 U	< 0.39 U	< 0.39 U	< 14 U
4,4'-DDE	72-55-9	ug/L		< 14 U	< 14 U	
4,4'-DDT	50-29-3	ug/L	< 18 U	< 18 U	< 18 U	< 18 U
4,4'-DDT	50-29-3	ug/L		< 0.25 U	< 0.25 U	
Aldrin	309-00-2	ug/L	< 13 U	< 0.74 U	< 0.74 U	< 13 U
Aldrin	309-00-2	ug/L		< 13 U	< 13 U	
alpha-BHC	319-84-6	ug/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
alpha-BHC	319-84-6	ug/L		< 0.25 U	< 0.25 U	
Atrazine	1912-24-9	ug/L	< 5.9 U	< 5.9 U	< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	< 17 U	< 17 U	< 0.99 U	< 17 U
beta-BHC	319-85-7	ug/L		< 0.99 U	< 17 U	
Bromacil	314-40-9	ug/L	< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	< 37 U	< 0.0312 U	< 0.0312 U	
delta-BHC	319-86-8	ug/L		< 0.34 U	< 0.34 U	
Dieldrin	60-57-1	ug/L	< 26 U	< 0.74 U	< 26 U	< 26 U
Dieldrin	60-57-1	ug/L		< 26 U	< 0.74 U	
Endosulfan I	959-98-8	ug/L	< 23 U	< 23 U	< 0.25 U	< 23 U
Endosulfan I	959-98-8	ug/L		< 0.25 U	< 23 U	
Endosulfan II	33213-65-9	ug/L	< 42 U	< 0.77 U	< 0.77 U	< 42 U
Endosulfan II	33213-65-9	ug/L		< 42 U	< 42 U	
Endosulfan sulfate	1031-07-8	ug/L	< 50 U	< 50 U	< 50 U	< 50 U
Endosulfan sulfate	1031-07-8	ug/L		< 0.25 UT	< 0.25 UT	
Endrin	72-20-8	ug/L	< 18 U	< 18 U	< 0.0176 U	< 18 U
Endrin	72-20-8	ug/L		< 0.0176 U	< 18 U	
Endrin aldehyde	7421-93-4	ug/L	< 5 U	< 5 U	< 0.0504 U	< 5 U
Endrin aldehyde	7421-93-4	ug/L		< 0.0504 U	< 5 U	
Endrin ketone	53494-70-5	ug/L		< 0.25 UT	< 0.25 UT	
gamma-BHC (Lindane)	58-89-9	ug/L	< 7.2 U	< 0.25 U	< 0.25 U	< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L		< 7.2 U	< 7.2 U	
Heptachlor	76-44-8	ug/L	< 38 U	< 0.25 U	< 38 U	< 38 U
Heptachlor	76-44-8	ug/L		< 38 U	< 0.25 U	
Heptachlor epoxide	1024-57-3	ug/L	< 28 U	< 0.63 U	< 28 U	< 28 U
Heptachlor epoxide	1024-57-3	ug/L		< 28 U	< 0.63 U	
Isodrin	465-73-6	ug/L	< 7.8 U	< 7.8 U	< 7.8 U	< 7.8 U
Isodrin	465-73-6	ug/L		< 0.25 U	< 0.25 U	
Malathion	121-75-5	ug/L	< 21 U	< 21 U	< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	< 11 U	< 0.075 U	< 0.075 U	< 11 U
Methoxychlor	72-43-5	ug/L		< 11 U	< 11 U	
Mirex	2385-85-5	ug/L	< 24 U	< 24 U	< 24 U	< 24 U
Parathion	56-38-2	ug/L	< 37 U	< 37 U	< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	< 10 U	< 10 U	< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	< 15 U	< 15 U	< 15 U	< 15 U
Supona	470-90-6	ug/L	< 19 U	< 19 U	< 19 U	< 19 U
Toxaphene	8001-35-2	ug/L		< 1.64 U	< 1.64 U	
Vapona	62-73-7	ug/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U

Chemical Name	CAS No	Unit	Site Name: 138	138	138	138
			Location ID: F-SW138-1	F-SW138-2	F-SW138-2	F-SW138-3
			Sample Date: 11/8/1993	11/8/1993	11/8/1993	11/30/1993
			Depth Interval:			
			Sample ID: SW138-1(19931108)	SW138-2DUP(19931108)	SW138-2(19931108)	SW138-3(19931130)
			Sample Matrix: WS	WS	WS	WS
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 2.4 U	< 2.4 U	< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	< 13 U	< 13 U	< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1 U	< 3.4 U	< 3.4 U	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 3.4 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	< 8.4 U	< 8.4 U	< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	< 180 U	< 180 U	< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	< 8.8 U	< 8.8 U	< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	< 2.6 U	< 2.6 U	< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	< 3.6 U	< 3.6 U	< 3.6 U	< 3.6 U
2-Nitrophenol	88-75-5	ug/L	< 8.2 U	< 8.2 U	< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 5 U	< 5 U	< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	< 21 U	< 21 U	< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 22 U	< 22 U	< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 8.5 U	< 8.5 U	< 8.5 U	< 8.5 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 23 U	< 23 U	< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	< 2.8 U#	< 2.8 U#	< 2.8 U#	< 2.8 U#
4-Nitrophenol	100-02-7	ug/L	< 96 U	< 96 U	< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	< 5.8 U	< 5.8 U	< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	< 5.1 U	< 5.1 U	< 5.1 U	< 5.1 U
Anthracene	120-12-7	ug/L	< 5.2 U	< 5.2 U	< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	< 9.8 U	< 9.8 U	< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	< 14 U	< 14 U	< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 15 U	< 15 U	< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 10 U	< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	< 4 U	< 4 U	< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 6.8 U	< 6.8 U	< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 0.68 U	< 0.68 U	< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5 U	< 5 U	< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 7.7 U	< 7.7 U	< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	< 28 U	< 28 U	< 28 U	< 28 U
Chrysene	218-01-9	ug/L	< 7.4 U	< 7.4 U	< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 12 U	< 12 U	< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	< 5.1 U	< 5.1 U	< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	< 2 U	< 2 U	< 2 U	< 2 U
Dicyclopentadiene	77-73-6	ug/L	< 5.5 U	< 5.5 U	< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	< 5.9 U	< 5.9 U	< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	< 2.2 U	< 2.2 U	< 2.2 U	< 2.2 U

		Site Name	138	138	138	138
		Location ID	F-SW138-1	F-SW138-2	F-SW138-2	F-SW138-3
		Sample Date	11/8/1993	11/8/1993	11/8/1993	11/30/1993
		Depth Interval				
		Sample ID	SW138-1(19931108)	SW138-2DUP(19931108)	SW138-2(19931108)	SW138-3(19931130)
		Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**				
di-n-Butylphthalate	84-74-2	ug/L	< 33 U	< 33 U	< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
Fluoranthene	206-44-0	ug/L	< 24 U	< 24 U	< 24 U	< 24 U
Fluorene	86-73-7	ug/L	< 9.2 U	< 9.2 U	< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	< 12 U	< 12 U	< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	< 8.7 U	< 8.7 U	< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 54 U	< 54 U	< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 21 U	< 21 U	< 21 U	< 21 U
Isophorone	78-59-1	ug/L	< 2.4 U	< 2.4 U	< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	< 9.7 U	< 9.7 U	< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 6.8 U	< 6.8 U	< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	< 9.1 U	< 9.1 U	< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	< 9.9 U	< 9.9 U	< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	< 2.2 U	< 2.2 U	< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L	< 17 U	< 17 U	< 17 U	< 17 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	< 5.8 U	< 5.8 U	< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 5 U	< 5 U	< 5 U	< 5 U
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	< 3.5 U	< 3.5 U	< 3.5 U	< 3.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acetone	67-64-1	ug/L	< 8 U	< 8 U	< 8 U	< 8 U
Acrylonitrile	107-13-1	ug/L	< 8.4 U	< 8.4 U	< 8.4 U	< 8.4 U
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 11 U	< 11 U	< 11 U	< 11 U
Bromomethane	74-83-9	ug/L	< 14 U	< 14 U	< 14 U	< 14 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	< 8 U	< 8 U	< 8 U	< 8 U
Chloroform	67-66-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	< 12 U	< 12 U	< 12 U	< 12 U
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl chloride	75-01-4	ug/L	< 12 U	< 12 U	< 12 U	< 12 U
Xylenes	1330-20-7	ug/L	< 2 U	< 2 U	< 2 U	< 2 U
WetChem						
Cyanide	57-12-5	ug/L	5.44	< 5 U	< 5 U	< 5 U
Hardness	HARDNESS	ug/L	41000	49900	54500	67300

			Site Name	139	139	139	139
			Location ID	F-139-MW-001	F-139-MW-001	F-HP139-1	F-HP139-2
			Sample Date	2/21/2002	3/14/2006	4/16/1994	4/16/1994
			Depth Interval	9 - 19	11 - 21	10 - 15	10 - 15
			Sample ID	139MW-1(20020221)	139MW-1(20060314)	HP139-1(19940416)	HP139-2(19940416)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)		< 0.2 U	0.49 N	0.9
1,3-Dinitrobenzene	99-65-0	ug/L	(1)		< 0.2 U	< 0.458 U	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)		< 0.2 U	< 0.426 U	< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)		< 0.2 U		
2-Nitrotoluene	88-72-2	ug/L	(1)		< 0.2 U		
3-Nitrotoluene	99-08-1	ug/L	(1)		< 0.2 U	< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)		< 0.2 U		
4-Nitrotoluene	99-99-0	ug/L	(1)		< 0.2 U		
HMX	2691-41-0	ug/L	(1)		0.12 J	< 0.533 U	< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)		< 0.2 U	< 0.682 U	< 0.682 U
Nitrobenzene	98-95-3	ug/L	(2)		< 10 U	< 3.7 U	< 3.7 U
Nitrocellulose	9004-70-0	ug/L	(1)			664	< 222 U
Nitroglycerin	55-63-0	ug/L	(1)			< 1.49 U	< 1.49 U
Perchlorate	14797-73-0	ug/L	(1)		< 4 U		
PETN	78-11-5	ug/L	(1)			< 2 U	< 6.25 UEJ
RDX	121-82-4	ug/L	(1)		0.26 J	< 0.416 U	< 0.416 U
Tetryl	479-45-8	ug/L	(1)		< 0.2 U	< 0.631 U	< 0.631 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)		< 0.2 U	< 0.397 U	< 0.397 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)		< 10 U	< 5.8 U	< 5.8 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)		0.12 J	< 6.7 U	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)		< 10 U	< 0.6 U	< 0.6 U
Metals							
Aluminum	7429-90-5	ug/L	(1)		59.5 J	29000	200000 D
Antimony	7440-36-0	ug/L	(1)		< 10 U	< 60 U	67.8
Arsenic	7440-38-2	ug/L	(1)		< 10 U	16.6	< 11.8 UEJ
Barium	7440-39-3	ug/L	(1)		19.2 J	1390	4120
Beryllium	7440-41-7	ug/L	(1)		< 5 U	4.9	28.3
Cadmium	7440-43-9	ug/L	(1)		< 2 U	< 6.78 U	14.4
Calcium	7440-70-2	ug/L	(1)		54000	36200	380000 D
Chromium	7440-47-3	ug/L	(1)		< 10 U	71.7	431
Cobalt	7440-48-4	ug/L	(1)		< 50 U	115	1330
Copper	7440-50-8	ug/L	(1)		2.8 J	236	1480
Iron	7439-89-6	ug/L	(1)		145	33700	370000
Lead	7439-92-1	ug/L	(1)	12	< 3 U	520 D	790 D
Lead	7439-92-1	ug/L	(2)	< 3 U			
Magnesium	7439-95-4	ug/L	(1)		20800	6890	184000
Manganese	7439-96-5	ug/L	(1)		1.5 J	10000 D	72000 D
Mercury	7439-97-6	ug/L	(1)		2.2	130 D	6 D
Nickel	7440-02-0	ug/L	(1)		2 J	49.6	939
Potassium	7440-09-7	ug/L	(1)		1730 J	6910	33100
Selenium	7782-49-2	ug/L	(1)		< 5 U	< 2.53 U	< 2.53 U
Silver	7440-22-4	ug/L	(1)		< 10 U	< 0.333 UJ	0.69 J
Sodium	7440-23-5	ug/L	(1)		56800	14100	21100
Thallium	7440-28-0	ug/L	(1)		< 1 U	< 125 U	< 125 U
Vanadium	7440-62-2	ug/L	(1)		< 50 U	< 27.6 U	306
Zinc	7440-66-6	ug/L	(1)		< 20 U	219	2170
Other							
1,4-Oxathiane	15980-15-1	ug/L	(1)			< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)			< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)			< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	(1)			< 3.3 U	< 3.3 U
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)			< 18 U	< 18 U
4,4'-DDE	72-55-9	ug/L	(1)			< 14 U	< 14 U
4,4'-DDT	50-29-3	ug/L	(1)			< 18 U	< 18 U
Aldrin	309-00-2	ug/L	(1)			< 13 U	< 13 U
alpha-BHC	319-84-6	ug/L	(1)			< 5.3 U	< 5.3 U
Atrazine	1912-24-9	ug/L	(1)			< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)			< 17 U	< 17 U
Bromacil	314-40-9	ug/L	(1)			< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	(1)			< 37 U	< 37 U
Dieldrin	60-57-1	ug/L	(1)			< 26 U	< 26 U
Endosulfan I	959-98-8	ug/L	(1)			< 23 U	< 23 U
Endosulfan II	33213-65-9	ug/L	(1)			< 42 U	< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)			< 50 U	< 50 U
Endrin	72-20-8	ug/L	(1)			< 18 U	< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)			< 5 U	< 5 U
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			< 7.2 U	< 7.2 U
Heptachlor	76-44-8	ug/L	(1)			< 38 U	< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)			< 28 U	< 28 U
Isodrin	465-73-6	ug/L	(1)			< 7.8 U	< 7.8 U

			Site Name	139	139	139	139
			Location ID	F-139-MW-001	F-139-MW-001	F-HP139-1	F-HP139-2
			Sample Date	2/21/2002	3/14/2006	4/16/1994	4/16/1994
			Depth Interval	9 - 19	11 - 21	10 - 15	10 - 15
			Sample ID	139MW-1(20020221)	139MW-1(20060314)	HP139-1(19940416)	HP139-2(19940416)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Malathion	121-75-5	ug/L	(1)			< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	(1)			< 11 U	< 11 U
Mirex	2385-85-5	ug/L	(1)			< 24 U	< 24 U
Parathion	56-38-2	ug/L	(1)			< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)			< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)			< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)			< 15 U	< 15 U
Supona	470-90-6	ug/L	(1)			< 19 U	< 19 U
Vapona	62-73-7	ug/L	(1)			< 8.5 U	< 8.5 U
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 1 U	< 1.5 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)		< 10 U	< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)		< 10 U	< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)			< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)		< 10 U	< 1 U	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			< 3.4 U	< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)		< 10 U	< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)		< 10 U	< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)		< 10 U	< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)		< 10 U	< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)		< 10 U	< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)		< 50 U	< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)			< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)		< 10 U	< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)		< 10 U	< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)		< 10 U	< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)		< 10 U	< 3.6 U	< 3.6 U
2-Nitroaniline	88-74-4	ug/L	(1)		< 50 U		
2-Nitrophenol	88-75-5	ug/L	(1)		< 10 U	< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)		< 50 U	< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)			< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)		< 50 U	< 15 U	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)		< 50 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)		< 10 U	< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)		< 10 U	< 8.5 U	< 8.5 U
4-Chloroaniline	106-47-8	ug/L	(1)		< 10 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)		< 10 U	< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)		< 10 U	< 2.8 U#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L	(1)		< 50 U		
4-Nitrophenol	100-02-7	ug/L	(1)		< 50 U	< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)		< 10 U	< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)		< 10 U	< 5.1 U	< 5.1 U
Aniline	62-53-3	ug/L	(1)		< 10 U		
Anthracene	120-12-7	ug/L	(1)		< 10 U	< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)		< 10 U	< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)		< 10 U	< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)		< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)		< 10 U	< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)		< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)			< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)		< 10 U	< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)		< 10 U	< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)		< 10 U	< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)		4.5 J	< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)		< 10 U	< 28 U	< 28 U
Carbazole	86-74-8	ug/L	(1)		< 10 U		
Chrysene	218-01-9	ug/L	(1)		< 10 U	< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)		< 10 U	< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)		< 10 U	< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)			< 2 U	< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)			< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)		< 10 U	< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)		< 10 U	< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)		< 10 U	< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)		< 10 U	< 1.5 U	< 1.5 U
Diphenylamine	122-39-4	ug/L	(1)		< 10 U		
Fluoranthene	206-44-0	ug/L	(1)		< 10 U	< 24 U	< 24 U
Fluorene	86-73-7	ug/L	(1)		< 10 U	< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)		< 10 U	< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)		< 10 U	< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)		< 50 U	< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)		< 10 U	< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)		< 10 U	< 21 U	< 21 U

			Site Name	139	139	139	139
			Location ID	F-139-MW-001	F-139-MW-001	F-HP139-1	F-HP139-2
			Sample Date	2/21/2002	3/14/2006	4/16/1994	4/16/1994
			Depth Interval	9 - 19	11 - 21	10 - 15	10 - 15
			Sample ID	139MW-1(20020221)	139MW-1(20060314)	HP139-1(19940416)	HP139-2(19940416)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Isophorone	78-59-1	ug/L	(1)		< 10 U	< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)		< 10 U	< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)		< 10 U	< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)		< 10 U	< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)		< 10 U	< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)		< 10 U	< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)		< 10 U	< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L	(1)		< 10 U	< 17 U	< 17 U
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 1 U		
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)			< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)			< 5 U	< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)			< 4.8 U	< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)			< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)		< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)			< 3.5 U	< 3.5 U
2-Hexanone	591-78-6	ug/L	(1)		< 10 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 5 U	< 1.4 U	< 1.4 U
Acetone	67-64-1	ug/L	(1)		< 10 (U)	< 8 U	37
Acetonitrile	75-05-8	ug/L	(1)		< 20 U		
Acrylonitrile	107-13-1	ug/L	(1)			< 8.4 U	< 8.4 U
Benzene	71-43-2	ug/L	(1)		< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)		4.7	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)		1.6	< 11 U	< 11 U
Bromomethane	74-83-9	ug/L	(1)		< 2 U	< 14 U	< 14 U
Carbon disulfide	75-15-0	ug/L	(1)		< 1 U		
Carbon tetrachloride	56-23-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)		< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)		< 2 U	< 8 U	< 8 U
Chloroform	67-66-3	ug/L	(1)		5.3	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)		< 2 U	< 1.2 U	< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)		< 0.5 U		
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 1 U		
Dibromochloromethane	124-48-1	ug/L	(1)		4.2	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)			< 12 U	< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 2 U		
Ethyl benzene	100-41-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)		< 1 U	< 1 U	2.8
m-Xylenes	108-38-3	ug/L	(1)			< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)		< 1 U		
Tetrachloroethene	127-18-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)		< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)		< 0.5 U		
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 1 U		
Trichloroethene	79-01-6	ug/L	(1)		0.38 J	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)		< 2 U	< 1 U	< 1 U
Vinyl chloride	75-01-4	ug/L	(1)		< 2 U	< 12 U	< 12 U
Xylenes	1330-20-7	ug/L	(1)		< 1 U	< 2 U	< 2 U
WetChem							
Ammonia	7664-41-7	ug/L	(1)		< 200 U		
Chloride	16887-00-6	ug/L	(1)		117000		
Cyanide	57-12-5	ug/L	(1)		< 10 U	< 5 U	< 5 U
Fluoride	16984-48-8	ug/L	(1)		165 J		
Nitrate	14797-55-8	ug/L	(1)		87.2 J		
Nitrite	14797-65-0	ug/L	(1)		< 500 U		
Phosphorus	7723-14-0	ug/L	(1)		100		
Sulfate	14808-79-8	ug/L	(1)		33400		
Sulfide	18496-25-8	ug/L	(1)		900 J		

			Site Name	139	139	139
			Location ID	F-HP139-4	F-HP139-5	F-HP139-5
			Sample Date	4/15/1994	4/16/1994	4/16/1994
			Depth Interval	5 - 10	10 - 15	10 - 15
			Sample ID	HP139-4A(19940415)	HP139-5(19940416)	HP139-5D(19940416)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	2.37 E	0.75 N	0.43 N
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U	< 0.458 U	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U	< 0.426 U	< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			
2-Nitrotoluene	88-72-2	ug/L	(1)			
3-Nitrotoluene	99-08-1	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			
4-Nitrotoluene	99-99-0	ug/L	(1)			
HMX	2691-41-0	ug/L	(1)	< 0.533 U	< 0.533 U	< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.682 U	< 0.682 U	< 0.682 U
Nitrobenzene	98-95-3	ug/L	(2)	< 3.7 U	< 3.7 U	< 3.7 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 222 U	< 222 U	< 222 U
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U	< 1.49 U	< 1.49 U
Perchlorate	14797-73-0	ug/L	(1)			
PETN	78-11-5	ug/L	(1)	3.5 N	< 2 U	< 2 U
RDX	121-82-4	ug/L	(1)	0.8	< 0.416 U	< 0.416 U
Tetryl	479-45-8	ug/L	(1)	< 0.631 U	< 0.631 U	< 0.631 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.397 U	< 0.397 U	< 0.397 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 5.8 U	< 5.8 U	< 5.8 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.6 U	< 0.6 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 6.7 U	< 6.7 U	< 6.7 U
Metals						
Aluminum	7429-90-5	ug/L	(1)	1100000 D	490000 D	105000
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U	< 60 U
Arsenic	7440-38-2	ug/L	(1)	< 11.8 UEJ	< 11.8 UEJ	8.99
Barium	7440-39-3	ug/L	(1)	9960	2710	1140
Beryllium	7440-41-7	ug/L	(1)	59.8	54.4	18.5
Cadmium	7440-43-9	ug/L	(1)	16.5	10.3	< 6.78 U
Calcium	7440-70-2	ug/L	(1)	142000	70200	29800
Chromium	7440-47-3	ug/L	(1)	1500 D	952	208
Cobalt	7440-48-4	ug/L	(1)	828	728	243
Copper	7440-50-8	ug/L	(1)	5080	2030	556
Iron	7439-89-6	ug/L	(1)	3400000 D	2100000 D	304000
Lead	7439-92-1	ug/L	(1)	21000 D	970 D	171
Lead	7439-92-1	ug/L	(2)			
Magnesium	7439-95-4	ug/L	(1)	210000	148000	25900
Manganese	7439-96-5	ug/L	(1)	19000 D	13000 D	4060
Mercury	7439-97-6	ug/L	(1)	55 D	130 D	46 D
Nickel	7440-02-0	ug/L	(1)	1880	864	214
Potassium	7440-09-7	ug/L	(1)	66300	56300	20200
Selenium	7782-49-2	ug/L	(1)	< 2.53 U	< 2.53 U	< 2.53 U
Silver	7440-22-4	ug/L	(1)	4.98 J	< 0.333 UJ	< 0.333 UJ
Sodium	7440-23-5	ug/L	(1)	30600	18300	12200
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U	< 125 U
Vanadium	7440-62-2	ug/L	(1)	2790	1030	217
Zinc	7440-66-6	ug/L	(1)	6780	3320	931
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U	< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U	< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U	< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U	< 3.3 U	< 3.3 U
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 18 U	< 18 U	< 18 U
4,4'-DDE	72-55-9	ug/L	(1)	< 14 U	< 14 U	< 14 U
4,4'-DDT	50-29-3	ug/L	(1)	< 18 U	< 18 U	< 18 U
Aldrin	309-00-2	ug/L	(1)	< 13 U	< 13 U	< 13 U
alpha-BHC	319-84-6	ug/L	(1)	< 5.3 U	< 5.3 U	< 5.3 U
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U	< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 17 U	< 17 U	< 17 U
Bromacil	314-40-9	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 37 U	< 37 U	< 37 U
Dieldrin	60-57-1	ug/L	(1)	< 26 U	< 26 U	< 26 U
Endosulfan I	959-98-8	ug/L	(1)	< 23 U	< 23 U	< 23 U
Endosulfan II	33213-65-9	ug/L	(1)	< 42 U	< 42 U	< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 50 U	< 50 U	< 50 U
Endrin	72-20-8	ug/L	(1)	< 18 U	< 18 U	< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 5 U	< 5 U	< 5 U
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 7.2 U	< 7.2 U	< 7.2 U
Heptachlor	76-44-8	ug/L	(1)	< 38 U	< 38 U	< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 28 U	< 28 U	< 28 U
Isodrin	465-73-6	ug/L	(1)	< 7.8 U	< 7.8 U	< 7.8 U

			Site Name	139	139	139
			Location ID	F-HP139-4	F-HP139-5	F-HP139-5
			Sample Date	4/15/1994	4/16/1994	4/16/1994
			Depth Interval	5 - 10	10 - 15	10 - 15
			Sample ID	HP139-4A(19940415)	HP139-5(19940416)	HP139-5D(19940416)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Malathion	121-75-5	ug/L	(1)	< 21 U	< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 11 U	< 11 U	< 11 U
Mirex	2385-85-5	ug/L	(1)	< 24 U	< 24 U	< 24 U
Parathion	56-38-2	ug/L	(1)	< 37 U	< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U	< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U	< 15 U	< 15 U
Supona	470-90-6	ug/L	(1)	< 19 U	< 19 U	< 19 U
Vapona	62-73-7	ug/L	(1)	< 8.5 U	< 8.5 U	< 8.5 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U	< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1 U	< 1 U	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)	< 3.4 U	< 3.4 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U	< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U	< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U	< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U	< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U	< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.6 U
2-Nitroaniline	88-74-4	ug/L	(1)			
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U	< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U	< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U	< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U	< 15 U	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U	< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U	< 8.5 U	< 8.5 U
4-Chloroaniline	106-47-8	ug/L	(1)			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U	< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#	< 2.8 U#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L	(1)			
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U	< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U
Aniline	62-53-3	ug/L	(1)			
Anthracene	120-12-7	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U	< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U	< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U	< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U	< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U	< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U	< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U	< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U	< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U	< 28 U	< 28 U
Carbazole	86-74-8	ug/L	(1)			
Chrysene	218-01-9	ug/L	(1)	< 7.4 U	< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U	< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U	
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U	< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U	< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U	< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U	< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
Diphenylamine	122-39-4	ug/L	(1)			
Fluoranthene	206-44-0	ug/L	(1)	< 24 U	< 24 U	< 24 U
Fluorene	86-73-7	ug/L	(1)	< 9.2 U	< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U	< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U	< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U	< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U	< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U	< 21 U	< 21 U

			Site Name	139	139	139
			Location ID	F-HP139-4	F-HP139-5	F-HP139-5
			Sample Date	4/15/1994	4/16/1994	4/16/1994
			Depth Interval	5 - 10	10 - 15	10 - 15
			Sample ID	HP139-4A(19940415)	HP139-5(19940416)	HP139-5D(19940416)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Isophorone	78-59-1	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U	< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U	< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U	< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U	< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)	< 2.2 U	< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L	(1)	< 17 U	< 17 U	< 17 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U	
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U	
2-Hexanone	591-78-6	ug/L	(1)			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	2.1	
Acetone	67-64-1	ug/L	(1)	23	< 8 U	
Acetonitrile	75-05-8	ug/L	(1)			
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U	
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U	
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U	
Carbon disulfide	75-15-0	ug/L	(1)			
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U	
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U	< 12 U	< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)			
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)			
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U	
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U	
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U	
WetChem						
Ammonia	7664-41-7	ug/L	(1)			
Chloride	16887-00-6	ug/L	(1)			
Cyanide	57-12-5	ug/L	(1)	46.3	< 5 U	< 5 U
Fluoride	16984-48-8	ug/L	(1)			
Nitrate	14797-55-8	ug/L	(1)			
Nitrite	14797-65-0	ug/L	(1)			
Phosphorus	7723-14-0	ug/L	(1)			
Sulfate	14808-79-8	ug/L	(1)			
Sulfide	18496-25-8	ug/L	(1)			

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-SD-004 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: 139SD-4(0-1) Sample Matrix: SE	Site Name: 139 Location ID: F-139-SD-004 Sample Date: 4/25/2001 Depth Interval: 1 - 2 Sample ID: 139SD-4B(1-2) Sample Matrix: SE	Site Name: 139 Location ID: F-139-SD-005 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: 139SD-5(0-1) Sample Matrix: SE	Site Name: 139 Location ID: F-139-SD-005 Sample Date: 4/25/2001 Depth Interval: 1 - 2 Sample ID: 139SD-5B(1-2) Sample Matrix: SE	Site Name: 139 Location ID: F-139-SD-005 Sample Date: 4/25/2001 Depth Interval: 1 - 2 Sample ID: 139SD-5BDUP(1-2) Sample Matrix: SE	Site Name: 139 Location ID: F-139-SD-006 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: 139SD-6(0-1) Sample Matrix: SE	Site Name: 139 Location ID: F-139-SD-006 Sample Date: 4/25/2001 Depth Interval: 1 - 2 Sample ID: 139SD-6B(1-2) Sample Matrix: SE
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
HMX	2691-41-0	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
Nitrobenzene	98-95-3	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)	27200 D	63300 D	39500 D	32100 D	26400 D	2690 D	2210 D
Nitroglycerin	55-63-0	mg/kg	(1)	< 25 UD		< 25 UD			< 0.5 U	
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.25 U		< 0.25 U			0.21 J	
PETN	78-11-5	mg/kg	(1)	< 25 UD		< 25 UD			< 0.5 U	
RDX	121-82-4	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
Tetryl	479-45-8	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	260 D		320 D			0.35	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 12 UD		< 12 UD			< 0.25 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)	8990 J		9300 J			9370 J	
Antimony	7440-36-0	mg/kg	(1)	17.1 J		2.9 J			2.9 J	
Arsenic	7440-38-2	mg/kg	(1)	30.3 J		20.9 J			28.5 J	
Barium	7440-39-3	mg/kg	(1)	301 J		124 J			132 J	
Beryllium	7440-41-7	mg/kg	(1)	0.7 J		1.4 J			< 1.3 UJ	
Cadmium	7440-43-9	mg/kg	(1)	2.2 J		1.5 J			4.1 J	
Calcium	7440-70-2	mg/kg	(1)	6330 J		2420 J			10100 J	
Chromium	7440-47-3	mg/kg	(1)	59.1 J		31.8 J			19.2 J	
Cobalt	7440-48-4	mg/kg	(1)	16.7 J		9.6 J			23.6 J	
Copper	7440-50-8	mg/kg	(1)	615 J		596 J			2260 J	
Iron	7439-89-6	mg/kg	(1)	35800 J		16800 J			33700 J	
Lead	7439-92-1	mg/kg	(1)	< 1.1 R	797 J	< 0.65 R	1010 J	992 J	< 0.8 R	427 J
Magnesium	7439-95-4	mg/kg	(1)	2060 J		1370 J			5590 J	
Manganese	7439-96-5	mg/kg	(1)	65 J		69.9 J			671 J	
Mercury	7439-97-6	mg/kg	(1)	8.7 JD	4.5 J	5.1 JD	4 JD	4.9 JD	39.7 JD	10 JD
Nickel	7440-02-0	mg/kg	(1)	304 J		152 J			105 J	
Potassium	7440-09-7	mg/kg	(1)	567 J		370 J			562 J	
Selenium	7782-49-2	mg/kg	(1)	25.4 J		11 J			2.6 J	
Silver	7440-22-4	mg/kg	(1)	11.9 J		6.1 J			1.4 J	
Sodium	7440-23-5	mg/kg	(1)	312 J		185 J			425 J	
Thallium	7440-28-0	mg/kg	(1)	1.9 J		1.1 J			< 2.7 U	
Vanadium	7440-62-2	mg/kg	(1)	1330 J		491 J			76.4 J	
Zinc	7440-66-6	mg/kg	(1)	467 J		367 J			1140 J	
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)							
Dithiane	51330-42-8	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139	139
			Location ID	F-139-SD-004	F-139-SD-004	F-139-SD-005	F-139-SD-005	F-139-SD-005	F-139-SD-006	F-139-SD-006
			Sample Date	9/6/2000	4/25/2001	9/6/2000	4/25/2001	4/25/2001	9/6/2000	4/25/2001
			Depth Interval	0 - 1	1 - 2	0 - 1	1 - 2	1 - 2	0 - 1	1 - 2
			Sample ID	139SD-4(0-1)	139SD-4B(1-2)	139SD-5(0-1)	139SD-5B(1-2)	139SD-5BDUP(1-2)	139SD-6(0-1)	139SD-6B(1-2)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
			ValueNo							
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)							
Aroclor 1016	12674-11-2	mg/kg	(2)							
Aroclor 1221	11104-28-2	mg/kg	(1)							
Aroclor 1232	11141-16-5	mg/kg	(1)							
Aroclor 1242	53469-21-9	mg/kg	(1)							
Aroclor 1248	12672-29-6	mg/kg	(1)							
Aroclor 1254	11097-69-1	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(2)							
Aroclor 1262	37324-23-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDD	72-54-8	mg/kg	(2)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(2)							
4,4'-DDT	50-29-3	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(2)							
Aldrin	309-00-2	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(2)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(2)							
alpha-Chlordane	5103-71-9	mg/kg	(1)							
Atrazine	1912-24-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(2)							
Chlordane	57-74-9	mg/kg	(1)							
Chlordane	57-74-9	mg/kg	(2)							
delta-BHC	319-86-8	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(2)							
Dieldrin	60-57-1	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(2)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(2)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(2)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(2)							
Endrin	72-20-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(2)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)							
gamma-Chlordane	5103-74-2	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(2)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(2)							
Isodrin	465-73-6	mg/kg	(1)							
Isodrin	465-73-6	mg/kg	(2)							
Malathion	121-75-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139	139
			Location ID	F-139-SD-004	F-139-SD-004	F-139-SD-005	F-139-SD-005	F-139-SD-005	F-139-SD-006	F-139-SD-006
			Sample Date	9/6/2000	4/25/2001	9/6/2000	4/25/2001	4/25/2001	9/6/2000	4/25/2001
			Depth Interval	0 - 1	1 - 2	0 - 1	1 - 2	1 - 2	0 - 1	1 - 2
			Sample ID	139SD-4(0-1)	139SD-4B(1-2)	139SD-5(0-1)	139SD-5B(1-2)	139SD-5BDUP(1-2)	139SD-6(0-1)	139SD-6B(1-2)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
			ValueNo							
Pesticides (continued)										
Methoxychlor	72-43-5	mg/kg	(2)							
Mirex	2385-85-5	mg/kg	(1)							
Parathion	56-38-2	mg/kg	(1)							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)							
Supona	470-90-6	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(2)							
Vapona	62-73-7	mg/kg	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)							
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)							
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)							
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)							
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)							
2,4-Dichlorophenol	120-83-2	mg/kg	(1)							
2,4-Dimethylphenol	105-67-9	mg/kg	(1)							
2,4-Dinitrophenol	51-28-5	mg/kg	(1)							
2,6-Dinitroaniline	606-22-4	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)							
2-Chlorophenol	95-57-8	mg/kg	(1)							
2-Methylnaphthalene	91-57-6	mg/kg	(1)							
2-Methylphenol	95-48-7	mg/kg	(1)							
2-Nitroaniline	88-74-4	mg/kg	(1)							
2-Nitrophenol	88-75-5	mg/kg	(1)							
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)							
3,5-Dinitroaniline	618-87-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)							
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)							
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)							
4-Chloroaniline	106-47-8	mg/kg	(1)							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)							
4-Methylphenol	106-44-5	mg/kg	(1)							
4-Nitroaniline	100-01-6	mg/kg	(1)							
4-Nitrophenol	100-02-7	mg/kg	(1)							
Acenaphthene	83-32-9	mg/kg	(1)							
Acenaphthylene	208-96-8	mg/kg	(1)							
Aniline	62-53-3	mg/kg	(1)							
Anthracene	120-12-7	mg/kg	(1)							
Benz(a)anthracene	56-55-3	mg/kg	(1)							
Benzo(a)pyrene	50-32-8	mg/kg	(1)							
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)							
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)							
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)							
Benzyl alcohol	100-51-6	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139	139
			Location ID	F-139-SD-004	F-139-SD-004	F-139-SD-005	F-139-SD-005	F-139-SD-005	F-139-SD-006	F-139-SD-006
			Sample Date	9/6/2000	4/25/2001	9/6/2000	4/25/2001	4/25/2001	9/6/2000	4/25/2001
			Depth Interval	0 - 1	1 - 2	0 - 1	1 - 2	1 - 2	0 - 1	1 - 2
			Sample ID	139SD-4(0-1)	139SD-4B(1-2)	139SD-5(0-1)	139SD-5B(1-2)	139SD-5BDUP(1-2)	139SD-6(0-1)	139SD-6B(1-2)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
			ValueNo							
SVOC (continued)										
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)							
Butylbenzyl phthalate	85-68-7	mg/kg	(1)							
Carbazole	86-74-8	mg/kg	(1)							
Chrysene	218-01-9	mg/kg	(1)							
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)							
Dibenzofuran	132-64-9	mg/kg	(1)							
Dichlorobenzenes	25321-22-6	mg/kg	(1)							
Dicyclopentadiene	77-73-6	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)							
Dimethylphthalate	131-11-3	mg/kg	(1)							
di-n-Butylphthalate	84-74-2	mg/kg	(1)							
di-n-Octylphthalate	117-84-0	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)							
Fluoranthene	206-44-0	mg/kg	(1)							
Fluorene	86-73-7	mg/kg	(1)							
Hexachlorobenzene	118-74-1	mg/kg	(1)							
Hexachlorobutadiene	87-68-3	mg/kg	(1)							
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)							
Hexachloroethane	67-72-1	mg/kg	(1)							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)							
Isophorone	78-59-1	mg/kg	(1)							
Naphthalene	91-20-3	mg/kg	(1)							
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)							
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)							
Pentachlorophenol	87-86-5	mg/kg	(1)							
Phenanthrene	85-01-8	mg/kg	(1)							
Phenol	108-95-2	mg/kg	(1)							
Pyrene	129-00-0	mg/kg	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
1,3-Dichloropropane	142-28-9	mg/kg	(1)							
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)							
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acetonitrile	75-05-8	mg/kg	(1)							
Acrylonitrile	107-13-1	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139
				Location ID: F-139-SD-004	F-139-SD-004	F-139-SD-005	F-139-SD-005	F-139-SD-005	F-139-SD-006	F-139-SD-006
				Sample Date: 9/6/2000	4/25/2001	9/6/2000	4/25/2001	4/25/2001	9/6/2000	4/25/2001
				Depth Interval: 0 - 1	1 - 2	0 - 1	1 - 2	1 - 2	0 - 1	1 - 2
				Sample ID: 139SD-4(0-1)	139SD-4B(1-2)	139SD-5(0-1)	139SD-5B(1-2)	139SD-5BDUP(1-2)	139SD-6(0-1)	139SD-6B(1-2)
				Sample Matrix: SE	SE	SE	SE	SE	SE	SE
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dibromochloropropane	96-12-8	mg/kg	(1)							
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
m-Xylenes	108-38-3	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Moisture	%Moist	%	(1)	74.5	66.5	60.5	60.4	59.3	67.1	78.9
% Solids	%Solid	%	(1)	27.6	35	46.2	42.1	44	37.5	23
Cation Exchange Capacity	CEC	mg/kg	(1)							
Cyanide	57-12-5	mg/kg	(1)							
Total organic carbon	TOC	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SD-007 9/6/2000 0 - 1 139SD-7(0-1) SE	139 F-139-SD-007 4/25/2001 1 - 2 139SD-7B(1-2) SE	139 F-139-SD-008 9/19/2000 0 - 1 139SD-8(0-1) SE	139 F-139-SD-009 9/19/2000 0 - 1 139SD-9(0-1) SE	139 F-139-SD-010A 9/25/2000 0 - 1 139SD-10(0-1) SE	139 F-139-SD-011 9/19/2000 0 - 1 139SD-11(0-1) SE	139 F-139-SD-012 9/19/2000 0 - 1 139SD-12(0-1) SE
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 (U)
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 UJ		< 1.8 UJ	< 1.7 U	< 0.25 U	< 0.25 U	< 1.7 U
Nitrobenzene	98-95-3	mg/kg	(2)			< 0.25 U	< 0.25 U	< 0.4 U	< 2.2 U	< 0.25 U
Nitrocellulose	9004-70-0	mg/kg	(1)	4090 D	82700 D	5800 D	38.7	14700 D	16	57.1
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.5 UJ		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
PETN	78-11-5	mg/kg	(1)	< 0.5 UJ		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
RDX	121-82-4	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Tetryl	479-45-8	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	4.2 J		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 1.7 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 UJ		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 1.7 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 0.25 U
Metals										
Aluminum	7429-90-5	mg/kg	(1)	11100 J		5400 J	15200 J	1740	5720 J	5160 J
Antimony	7440-36-0	mg/kg	(1)	2.5 J		3.9 J	< 5.1 UJ	< 1.2 UJ	< 6.6 UJ	< 5.2 UJ
Arsenic	7440-38-2	mg/kg	(1)	14 J		15.8 J	21.4 J	1.7	12.1 J	8.8 J
Barium	7440-39-3	mg/kg	(1)	97 J		219 J	97.7 J	17.5 J	174 J	182 J
Beryllium	7440-41-7	mg/kg	(1)	2.1 J		0.41 J	1.8 J	0.46 J	1.1 J	0.28 J
Cadmium	7440-43-9	mg/kg	(1)	1.6 J		3 J	0.97 J	0.26	1.5 J	1.6 J
Calcium	7440-70-2	mg/kg	(1)	3660 J		20100 J	7770 J	2450 J	20700 J	17600 J
Chromium	7440-47-3	mg/kg	(1)	21.1 J		21.3 J	19.9 J	2.4	22.4 J	242 J
Cobalt	7440-48-4	mg/kg	(1)	9.2 J		32.1 J	7.2 J	3.3 J	9.2 J	2.3 J
Copper	7440-50-8	mg/kg	(1)	149 J		166 J	80.8 J	14.9	47.6 J	189 J
Iron	7439-89-6	mg/kg	(1)	9680 J		19700 J	11800 J	2450	12000 J	13300 J
Lead	7439-92-1	mg/kg	(1)	< 1 R	269 JD	1710 J	243 J	115	162 J	517 J
Magnesium	7439-95-4	mg/kg	(1)	2480 J		1600 J	1640 J	252 J	1820 J	1560 J
Manganese	7439-96-5	mg/kg	(1)	253 J		809 J	142 J	38.4	416 J	113 J
Mercury	7439-97-6	mg/kg	(1)	15.9 JD	30.8 JD	14.6 JD	1.3 J	0.11 J	0.64 J	1 J
Nickel	7440-02-0	mg/kg	(1)	31.1 J		148 J	24 J	13.4	17.9 J	19 J
Potassium	7440-09-7	mg/kg	(1)	372 J		327 J	483 J	62 J	328 J	289 J
Selenium	7782-49-2	mg/kg	(1)	2.1 J		6.6 J	3.8 J	0.39 J	4.8 J	5.2 J
Silver	7440-22-4	mg/kg	(1)	< 1.7 UJ		1.8 J	1.2 J	< 0.6 U	2 J	< 2.6 UJ
Sodium	7440-23-5	mg/kg	(1)	304 J		< 2750 UJ	389 J	118 J	591 J	590 J
Thallium	7440-28-0	mg/kg	(1)	< 3.4 U		< 5.5 UJ	2.7 J	< 1.2 U	< 6.6 UJ	< 5.2 UJ
Vanadium	7440-62-2	mg/kg	(1)	16.1 J		208 J	37.6 J	4.5 J	25.4 J	22.5 J
Zinc	7440-66-6	mg/kg	(1)	501 J		408 J	112 J	48.7	187 J	165 J
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)							
Dithiane	51330-42-8	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SD-007 9/6/2000 0 - 1 139SD-7(0-1) SE	139 F-139-SD-007 4/25/2001 1 - 2 139SD-7B(1-2) SE	139 F-139-SD-008 9/19/2000 0 - 1 139SD-8(0-1) SE	139 F-139-SD-009 9/19/2000 0 - 1 139SD-9(0-1) SE	139 F-139-SD-010A 9/25/2000 0 - 1 139SD-10(0-1) SE	139 F-139-SD-011 9/19/2000 0 - 1 139SD-11(0-1) SE	139 F-139-SD-012 9/19/2000 0 - 1 139SD-12(0-1) SE
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.11 U		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1016	12674-11-2	mg/kg	(2)							
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.11 U		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.11 UJ		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.11 U		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.11 U		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.11 UJ		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1260	11096-82-5	mg/kg	(1)	0.02 J		< 0.18 U	< 0.17 U	< 0.04 U	< 0.22 U	< 0.17 U
Aroclor 1260	11096-82-5	mg/kg	(2)							
Aroclor 1262	37324-23-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)			< 0.019 UJD	11 D	< 0.2 U	< 0.022 UJD	< 0.018 UD
4,4'-DDD	72-54-8	mg/kg	(2)							
4,4'-DDE	72-55-9	mg/kg	(1)			< 0.019 UD	0.9 D	< 0.2 U	0.09 D	0.12 JD
4,4'-DDE	72-55-9	mg/kg	(2)							
4,4'-DDT	50-29-3	mg/kg	(1)			< 0.019 UJD	< 0.43 UJD	< 0.2 U	< 0.022 UJD	0.32 JD
4,4'-DDT	50-29-3	mg/kg	(2)							
Aldrin	309-00-2	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Aldrin	309-00-2	mg/kg	(2)							
alpha-BHC	319-84-6	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
alpha-BHC	319-84-6	mg/kg	(2)							
alpha-Chlordane	5103-71-9	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Atrazine	1912-24-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)			< 0.019 UJD	< 0.43 UJD	< 0.2 U	< 0.022 UJD	< 0.018 UJD
beta-BHC	319-85-7	mg/kg	(2)							
Chlordane	57-74-9	mg/kg	(1)							
Chlordane	57-74-9	mg/kg	(2)							
delta-BHC	319-86-8	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
delta-BHC	319-86-8	mg/kg	(2)							
Dieldrin	60-57-1	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Dieldrin	60-57-1	mg/kg	(2)							
Endosulfan I	959-98-8	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Endosulfan I	959-98-8	mg/kg	(2)							
Endosulfan II	33213-65-9	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Endosulfan II	33213-65-9	mg/kg	(2)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Endosulfan sulfate	1031-07-8	mg/kg	(2)							
Endrin	72-20-8	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Endrin	72-20-8	mg/kg	(2)							
Endrin aldehyde	7421-93-4	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Endrin ketone	53494-70-5	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)			< 0.019 UD	< 0.43 UJD	< 0.2 U	< 0.022 UD	< 0.018 UJD
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)							
gamma-Chlordane	5103-74-2	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Heptachlor	76-44-8	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Heptachlor	76-44-8	mg/kg	(2)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)			< 0.019 UD	< 0.43 UD	< 0.2 U	< 0.022 UD	< 0.018 UD
Heptachlor epoxide	1024-57-3	mg/kg	(2)							
Isodrin	465-73-6	mg/kg	(1)							
Isodrin	465-73-6	mg/kg	(2)							
Malathion	121-75-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)			< 0.036 UJD	< 0.84 UD	< 0.4 U	< 0.043 UJD	< 0.034 UD

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SD-007 9/6/2000 0 - 1 139SD-7(0-1) SE	139 F-139-SD-007 4/25/2001 1 - 2 139SD-7B(1-2) SE	139 F-139-SD-008 9/19/2000 0 - 1 139SD-8(0-1) SE	139 F-139-SD-009 9/19/2000 0 - 1 139SD-9(0-1) SE	139 F-139-SD-010A 9/25/2000 0 - 1 139SD-10(0-1) SE	139 F-139-SD-011 9/19/2000 0 - 1 139SD-11(0-1) SE	139 F-139-SD-012 9/19/2000 0 - 1 139SD-12(0-1) SE
Pesticides (continued)										
Methoxychlor	72-43-5	mg/kg	(2)							
Mirex	2385-85-5	mg/kg	(1)							
Parathion	56-38-2	mg/kg	(1)							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)							
Supona	470-90-6	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(1)			< 0.74 UJD	< 17 UD	< 0.08 U	< 0.88 UJD	< 0.69 UD
Toxaphene	8001-35-2	mg/kg	(2)							
Vapona	62-73-7	mg/kg	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)			< 8.8 U	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2-Chlorophenol	95-57-8	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2-Methylphenol	95-48-7	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
2-Nitroaniline	88-74-4	mg/kg	(1)			< 8.8 UJ	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
2-Nitrophenol	88-75-5	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)			< 8.8 UJ	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)			< 8.8 UJ	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)			< 8.8 U	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
4-Chloroaniline	106-47-8	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
4-Methylphenol	106-44-5	mg/kg	(1)			< 1.8 U#	< 1.7 U#	< 0.4 U#	< 2.2 U#	< 1.7 U#
4-Nitroaniline	100-01-6	mg/kg	(1)			< 8.8 UJ	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
4-Nitrophenol	100-02-7	mg/kg	(1)			< 8.8 U	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
Acenaphthene	83-32-9	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Acenaphthylene	208-96-8	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Aniline	62-53-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Anthracene	120-12-7	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Benz(a)anthracene	56-55-3	mg/kg	(1)			< 1.8 UJ	0.39 J	< 0.4 U	< 2.2 U	0.34 J
Benzo(a)pyrene	50-32-8	mg/kg	(1)			< 1.8 UJ	0.41 J	< 0.4 U	< 2.2 U	0.21 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)			< 1.8 UJ	0.52 J	< 0.4 U	< 2.2 U	0.43 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)			< 1.8 UJ	0.28 J	< 0.4 U	< 2.2 U	< 1.7 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)			< 1.8 UJ	0.21 J	< 0.4 U	< 2.2 U	< 1.7 U
Benzyl alcohol	100-51-6	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139
			Location ID	F-139-SD-007	F-139-SD-007	F-139-SD-008	F-139-SD-009	F-139-SD-010A	F-139-SD-011	F-139-SD-012
			Sample Date	9/6/2000	4/25/2001	9/19/2000	9/19/2000	9/25/2000	9/19/2000	9/19/2000
			Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	139SD-7(0-1)	139SD-7B(1-2)	139SD-8(0-1)	139SD-9(0-1)	139SD-10(0-1)	139SD-11(0-1)	139SD-12(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
SVOC (continued)										
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)			< 1.8 UJ	< 1.7 UJ	< 0.4 U	< 2.2 UJ	< 1.7 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Carbazole	86-74-8	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Chrysene	218-01-9	mg/kg	(1)			< 1.8 UJ	0.51 J	< 0.4 U	< 2.2 U	0.43 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Dibenzofuran	132-64-9	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)							
Dicyclopentadiene	77-73-6	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Dimethylphthalate	131-11-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)			0.51 J	0.57 J	< 0.4 U	< 2.2 U	< 1.7 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Diphenylamine	122-39-4	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Fluoranthene	206-44-0	mg/kg	(1)			< 1.8 UJ	0.85 J	< 0.4 U	< 2.2 U	0.66 J
Fluorene	86-73-7	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Hexachlorobenzene	118-74-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)			< 8.8 UJ	< 8.1 U	< 1.9 U	< 11 U	< 8.3 U
Hexachloroethane	67-72-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)			< 1.8 UJ	0.29 J	< 0.4 U	< 2.2 U	< 1.7 U
Isophorone	78-59-1	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Naphthalene	91-20-3	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)			< 1.8 UJ	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Pentachlorophenol	87-86-5	mg/kg	(1)			< 1.8 U	0.22 J	< 0.4 U	< 2.2 U	< 1.7 U
Phenanthrene	85-01-8	mg/kg	(1)			< 1.8 UJ	0.33 J	< 0.4 U	< 2.2 U	< 1.7 U
Phenol	108-95-2	mg/kg	(1)			< 1.8 U	< 1.7 U	< 0.4 U	< 2.2 U	< 1.7 U
Pyrene	129-00-0	mg/kg	(1)			< 1.8 UJ	0.82 J	< 0.4 U	< 2.2 U	0.85 J
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
1,3-Dichloropropane	142-28-9	mg/kg	(1)							
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)							
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acetonitrile	75-05-8	mg/kg	(1)							
Acrylonitrile	107-13-1	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							

			Site Name	139	139	139	139	139	139	139
			Location ID	F-139-SD-007	F-139-SD-007	F-139-SD-008	F-139-SD-009	F-139-SD-010A	F-139-SD-011	F-139-SD-012
			Sample Date	9/6/2000	4/25/2001	9/19/2000	9/19/2000	9/25/2000	9/19/2000	9/19/2000
			Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	139SD-7(0-1)	139SD-7B(1-2)	139SD-8(0-1)	139SD-9(0-1)	139SD-10(0-1)	139SD-11(0-1)	139SD-12(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dibromochloropropane	96-12-8	mg/kg	(1)							
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
m-Xylenes	108-38-3	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Moisture	%Moist	%	(1)	69.6	69.5	84.9	85.3	84.6	84.1	77.9
% Solids	%Solid	%	(1)	29.8	34.3	18.2	19.7	83.4	15.2	19.4
Cation Exchange Capacity	CEC	mg/kg	(1)							
Cyanide	57-12-5	mg/kg	(1)							
Total organic carbon	TOC	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value No	139 F-139-SD-012 9/19/2000 0 - 1 139SD-12DUP(0-1) SE	139 F-139-SUMP-001 9/20/2000 0 - 1 139SUMP-1(0-1) SE	139 F-GPB-SD-45 3/9/1999 0 - 1 GPBSD-45(0-1) SE	139 F-GPB-SD-46 3/9/1999 0 - 1 GPBSD-46(0-1) SE	139 F-SD139-1 11/9/1993 0 - .5 SD139-1(0-0.5) SE	139 F-SD139-2 11/9/1993 0 - .5 SD139-2(0-0.5) SE
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 2.5 UD			< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 2.5 UD			< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	1.8 JD			< 2 U	< 2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 2.5 UD				
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 2.5 UD				
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 2.5 UD			< 0.34 U	< 0.34 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 2.5 UD				
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 2.5 UD				
HMX	2691-41-0	mg/kg	(1)	< 0.25 U	< 2.5 UD			< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 2.5 UD			< 1.8 U	< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.8 U	< 46 UD			< 1.14 U	< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)	29.9				4800 D	16000 D
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.5 U				< 0.51 U	< 0.51 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.25 U					
PETN	78-11-5	mg/kg	(1)	< 0.5 U				< 1 UJ	< 1 UJ
RDX	121-82-4	mg/kg	(1)	0.22 J	< 2.5 UD			< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U	< 2.5 UD			< 2.11 U	< 2.11 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.8 U	17 JD			< 2.5 U	< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.25 U	160 D			< 1.4 U	< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 46 UD			< 0.32 U	< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 1.8 U	22 D			< 2 U	< 2 U
Metals									
Aluminum	7429-90-5	mg/kg	(1)	5160 J	10800 J			11900	18000
Antimony	7440-36-0	mg/kg	(1)	< 5.3 UJ	4.4 J			4.66	4.23
Arsenic	7440-38-2	mg/kg	(1)	11.9 J	21.8 J			12.2	18
Barium	7440-39-3	mg/kg	(1)	203 J	203 J			134	134
Beryllium	7440-41-7	mg/kg	(1)	0.3 J	0.81 J			3.98	2.71
Cadmium	7440-43-9	mg/kg	(1)	1.7 J	2.3 J			< 1.2 U	< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	18400 J	3760 J			14500	7530
Chromium	7440-47-3	mg/kg	(1)	266 J	44.6 J			21.4	49.1
Cobalt	7440-48-4	mg/kg	(1)	2.6 J	14.2 J			17.3	22.8
Copper	7440-50-8	mg/kg	(1)	231 J	176 J			285	151
Iron	7439-89-6	mg/kg	(1)	16500 J	23400 J			20500	41100
Lead	7439-92-1	mg/kg	(1)	598 J	2330 J	449	126	1590	653
Magnesium	7439-95-4	mg/kg	(1)	1520 J	3270 J			3680	2290
Manganese	7439-96-5	mg/kg	(1)	119 J	131 J			177	232
Mercury	7439-97-6	mg/kg	(1)	1.5 J	7.4 JD	1.86	0.17	110 D	22 D
Nickel	7440-02-0	mg/kg	(1)	20.6 J	246 J	29.7	9.67	127	70.8
Potassium	7440-09-7	mg/kg	(1)	236 J	333 J			< 131 U	779
Selenium	7782-49-2	mg/kg	(1)	6.3 J	3.4 J			7.41	5.88
Silver	7440-22-4	mg/kg	(1)	< 2.7 UJ	4.7 J			< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	565 J	213 J			343	299
Thallium	7440-28-0	mg/kg	(1)	< 5.3 UJ	< 2.8 U			< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	24.1 J	277 J			116	96
Zinc	7440-66-6	mg/kg	(1)	160 J	1180 J			443	396
Other									
1,4-Oxathiane	15980-15-1	mg/kg	(1)					< 0.075 U	< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)					< 0.065 U	< 0.065 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	No	139 F-139-SD-012 9/19/2000 0 - 1 139SD-12DUP(0-1) SE	139 F-139-SUMP-001 9/20/2000 0 - 1 139SUMP-1(0-1) SE	139 F-GPB-SD-45 3/9/1999 0 - 1 GPBSD-45(0-1) SE	139 F-GPB-SD-46 3/9/1999 0 - 1 GPBSD-46(0-1) SE	139 F-SD139-1 11/9/1993 0 - .5 SD139-1(0-0.5) SE	139 F-SD139-2 11/9/1993 0 - .5 SD139-2(0-0.5) SE
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.18 U				< 0.32 U	< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)							< 0.1 U
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.18 U					< 0.1 UT
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.18 U					< 0.1 UT
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.18 U					< 0.1 UT
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.18 U					< 0.1 UT
Aroclor 1254	11097-69-1	mg/kg	(1)		< 0.18 U					< 0.0479 UT
Aroclor 1260	11096-82-5	mg/kg	(1)		0.14 J				< 0.79 U	< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)							< 0.0479 U
Aroclor 1262	37324-23-5	mg/kg	(1)						< 6.3 U	< 6.3 U
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)		< 0.018 UD				< 0.064 U	0.66 D
4,4'-DDD	72-54-8	mg/kg	(2)							< 0.064 U
4,4'-DDE	72-55-9	mg/kg	(1)		0.02 JD				< 0.068 U	< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)							0.11
4,4'-DDT	50-29-3	mg/kg	(1)		0.05 JD				< 0.1 U	0.02
4,4'-DDT	50-29-3	mg/kg	(2)							< 0.1 U
Aldrin	309-00-2	mg/kg	(1)		< 0.018 UD				< 1.3 U	< 0.14 U
Aldrin	309-00-2	mg/kg	(2)							< 1.3 U
alpha-BHC	319-84-6	mg/kg	(1)		< 0.018 UD				< 1.3 U	< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)							< 0.28 U
alpha-Chlordane	5103-71-9	mg/kg	(1)		< 0.018 UD					
Atrazine	1912-24-9	mg/kg	(1)						< 0.065 U	< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)		< 0.018 UJD				< 1.3 U	< 0.77 U
beta-BHC	319-85-7	mg/kg	(2)							< 1.3 U
Chlordane	57-74-9	mg/kg	(1)						< 0.68 U	< 0.68 U
Chlordane	57-74-9	mg/kg	(2)							< 0.0684 U
delta-BHC	319-86-8	mg/kg	(1)		< 0.018 UD				< 0.21 U	< 0.85 U
delta-BHC	319-86-8	mg/kg	(2)							< 0.21 U
Dieldrin	60-57-1	mg/kg	(1)		< 0.018 UD				< 0.079 U	< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)							< 0.16 U
Endosulfan I	959-98-8	mg/kg	(1)		< 0.018 UD				< 0.4 U	< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)							< 0.1 U
Endosulfan II	33213-65-9	mg/kg	(1)		< 0.018 UD				< 2.4 U	< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)							< 0.07 U
Endosulfan sulfate	1031-07-8	mg/kg	(1)		< 0.018 UD				< 1.2 U	< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)							< 0.05 UT
Endrin	72-20-8	mg/kg	(1)		< 0.018 UD				< 1.3 U	< 0.65 U
Endrin	72-20-8	mg/kg	(2)							< 1.3 U
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 0.018 UD				< 1.8 U	< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)		< 0.018 UD					< 0.05 UT
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.018 UJD				< 0.1 U	< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)							< 0.1 U
gamma-Chlordane	5103-74-2	mg/kg	(1)		< 0.018 UD					
Heptachlor	76-44-8	mg/kg	(1)		< 0.018 UD				< 0.24 U	< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)							< 0.22 U
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.018 UD				< 0.48 U	0.81 N
Heptachlor epoxide	1024-57-3	mg/kg	(2)							< 0.48 U
Isodrin	465-73-6	mg/kg	(1)						< 0.48 U	0.02 N
Isodrin	465-73-6	mg/kg	(2)							< 0.48 U
Malathion	121-75-5	mg/kg	(1)						< 0.18 U	< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)		0.01 JD				< 0.26 U	< 0.0359 U

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139
			Location ID	F-139-SD-012	F-139-SUMP-001	F-GPB-SD-45	F-GPB-SD-46	F-SD139-1	F-SD139-2
			Sample Date	9/19/2000	9/20/2000	3/9/1999	3/9/1999	11/9/1993	11/9/1993
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5
			Sample ID	139SD-12DUP(0-1)	139SUMP-1(0-1)	GPBSD-45(0-1)	GPBSD-46(0-1)	SD139-1(0-0.5)	SD139-2(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE
			ValueNo						
Pesticides (continued)									
Methoxychlor	72-43-5	mg/kg	(2)						< 0.26 U
Mirex	2385-85-5	mg/kg	(1)					< 0.14 U	< 0.14 U
Parathion	56-38-2	mg/kg	(1)					< 1.7 U	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)					< 0.097 U	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)					< 0.066 U	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)					< 0.32 U	< 0.32 U
Supona	470-90-6	mg/kg	(1)					< 0.92 U	< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 0.72 UD				< 12 U	< 12 U
Toxaphene	8001-35-2	mg/kg	(2)						< 0.226 U
Vapona	62-73-7	mg/kg	(1)					< 0.068 U	< 0.068 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.014 UJ			< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.22 U	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.042 U	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)					< 0.52 U	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.042 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)					< 0.14 U	< 0.14 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.034 U	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.49 U	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.061 U	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.065 U	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 1.8 U	< 46 UD			< 3 U	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 8.5 U	< 230 UJD			< 4.7 U	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)					< 0.57 U	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.24 U	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.055 U	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.032 U	< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.098 U	< 0.098 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 8.5 U	< 230 UD				
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.8 U	< 46 UD			< 1.1 U	< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 8.5 U	< 230 UD			< 1.6 U	< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)					< 1.6 U	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 8.5 U	< 230 UD			< 3 U	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 8.5 U	< 230 UD			< 0.8 U	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.041 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.93 U	< 0.93 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 1.8 U	< 46 UD				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.17 U	< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 1.8 U#	< 46 UD#			< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 8.5 U	< 230 UD				
4-Nitrophenol	100-02-7	mg/kg	(1)	< 8.5 U	< 230 UD			< 3.3 U	< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.041 U	< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 1.8 U	< 46 UD				
Anthracene	120-12-7	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.71 U	< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.45 J	< 46 UD			3.2	4.9
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.24 J	< 46 UD			< 1.2 U	< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.6 J	< 46 UD			< 0.31 U	6.6
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.18 U	< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.13 U	3.1
Benzyl alcohol	100-51-6	mg/kg	(1)					< 0.032 U	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 1.8 U	< 46 UD			< 0.19 U	< 0.19 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	Qualifier
SVOC (continued)				
			139 / F-139-SD-012 / 9/19/2000 / 0 - 1 / 139SD-12DUP(0-1) / SE	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 1.8 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 1.8 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 1.8 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U
Carbazole	86-74-8	mg/kg	(1)	< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	0.57 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 1.8 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 1.8 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	
Dicyclopentadiene	77-73-6	mg/kg	(1)	
Diethylphthalate	84-66-2	mg/kg	(1)	< 1.8 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 1.8 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.8 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 1.8 U
Diphenylamine	122-39-4	mg/kg	(1)	< 1.8 U
Fluoranthene	206-44-0	mg/kg	(1)	0.85 J
Fluorene	86-73-7	mg/kg	(1)	< 1.8 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 1.8 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 1.8 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 8.5 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 1.8 U
Isophorone	78-59-1	mg/kg	(1)	< 1.8 U
Naphthalene	91-20-3	mg/kg	(1)	< 1.8 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.8 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 1.8 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.8 U
Phenanthrene	85-01-8	mg/kg	(1)	< 1.8 U
Phenol	108-95-2	mg/kg	(1)	< 1.8 U
Pyrene	129-00-0	mg/kg	(1)	0.86 J
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	
1,3-Dichloropropane	142-28-9	mg/kg	(1)	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	
2-Butanone	78-93-3	mg/kg	(1)	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	
2-Hexanone	591-78-6	mg/kg	(1)	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	
Acetone	67-64-1	mg/kg	(1)	
Acetonitrile	75-05-8	mg/kg	(1)	
Acrylonitrile	107-13-1	mg/kg	(1)	
Benzene	71-43-2	mg/kg	(1)	
Bromodichloromethane	75-27-4	mg/kg	(1)	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	Qualifier
			139 / F-139-SUMP-001 / 9/20/2000 / 0 - 1 / 139SUMP-1(0-1) / SE	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 46 UD
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 46 UD
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 46 UD
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 46 UD
Carbazole	86-74-8	mg/kg	(1)	< 46 UD
Chrysene	218-01-9	mg/kg	(1)	< 46 UD
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 46 UD
Dibenzofuran	132-64-9	mg/kg	(1)	< 46 UD
Dichlorobenzenes	25321-22-6	mg/kg	(1)	
Dicyclopentadiene	77-73-6	mg/kg	(1)	
Diethylphthalate	84-66-2	mg/kg	(1)	< 46 UD
Dimethylphthalate	131-11-3	mg/kg	(1)	< 46 UD
di-n-Butylphthalate	84-74-2	mg/kg	(1)	260 D
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 46 UD
Diphenylamine	122-39-4	mg/kg	(1)	< 46 UD
Fluoranthene	206-44-0	mg/kg	(1)	< 46 UD
Fluorene	86-73-7	mg/kg	(1)	< 46 UD
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 46 UD
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 46 UD
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 230 UD
Hexachloroethane	67-72-1	mg/kg	(1)	< 46 UD
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 46 UD
Isophorone	78-59-1	mg/kg	(1)	< 46 UD
Naphthalene	91-20-3	mg/kg	(1)	< 46 UD
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 46 UD
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 46 UD
Pentachlorophenol	87-86-5	mg/kg	(1)	< 46 UD
Phenanthrene	85-01-8	mg/kg	(1)	< 46 UD
Phenol	108-95-2	mg/kg	(1)	< 46 UD
Pyrene	129-00-0	mg/kg	(1)	< 46 UD
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.014 R
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.014 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.014 R
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.014 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.014 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.014 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.014 R
1,3-Dichloropropane	142-28-9	mg/kg	(1)	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	
2-Butanone	78-93-3	mg/kg	(1)	0.03 J
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	
2-Hexanone	591-78-6	mg/kg	(1)	< 0.056 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.056 UJ
Acetone	67-64-1	mg/kg	(1)	< 0.056 (U)
Acetonitrile	75-05-8	mg/kg	(1)	< 0.28 R
Acrylonitrile	107-13-1	mg/kg	(1)	
Benzene	71-43-2	mg/kg	(1)	< 0.014 R
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.014 R

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	Qualifier
			139 / F-GPB-SD-45 / 3/9/1999 / 0 - 1 / GPBSD-45(0-1) / SE	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	
Carbazole	86-74-8	mg/kg	(1)	
Chrysene	218-01-9	mg/kg	(1)	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	
Dibenzofuran	132-64-9	mg/kg	(1)	
Dichlorobenzenes	25321-22-6	mg/kg	(1)	
Dicyclopentadiene	77-73-6	mg/kg	(1)	
Diethylphthalate	84-66-2	mg/kg	(1)	
Dimethylphthalate	131-11-3	mg/kg	(1)	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	
Diphenylamine	122-39-4	mg/kg	(1)	
Fluoranthene	206-44-0	mg/kg	(1)	
Fluorene	86-73-7	mg/kg	(1)	
Hexachlorobenzene	118-74-1	mg/kg	(1)	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	
Hexachloroethane	67-72-1	mg/kg	(1)	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	
Isophorone	78-59-1	mg/kg	(1)	
Naphthalene	91-20-3	mg/kg	(1)	
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	
Pentachlorophenol	87-86-5	mg/kg	(1)	
Phenanthrene	85-01-8	mg/kg	(1)	
Phenol	108-95-2	mg/kg	(1)	
Pyrene	129-00-0	mg/kg	(1)	
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	
1,3-Dichloropropane	142-28-9	mg/kg	(1)	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	
2-Butanone	78-93-3	mg/kg	(1)	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	
2-Hexanone	591-78-6	mg/kg	(1)	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	
Acetone	67-64-1	mg/kg	(1)	
Acetonitrile	75-05-8	mg/kg	(1)	
Acrylonitrile	107-13-1	mg/kg	(1)	
Benzene	71-43-2	mg/kg	(1)	
Bromodichloromethane	75-27-4	mg/kg	(1)	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	Qualifier
			139 / F-GPB-SD-46 / 3/9/1999 / 0 - 1 / GPBSD-46(0-1) / SE	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	
Carbazole	86-74-8	mg/kg	(1)	
Chrysene	218-01-9	mg/kg	(1)	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	
Dibenzofuran	132-64-9	mg/kg	(1)	
Dichlorobenzenes	25321-22-6	mg/kg	(1)	
Dicyclopentadiene	77-73-6	mg/kg	(1)	
Diethylphthalate	84-66-2	mg/kg	(1)	
Dimethylphthalate	131-11-3	mg/kg	(1)	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	
Diphenylamine	122-39-4	mg/kg	(1)	
Fluoranthene	206-44-0	mg/kg	(1)	
Fluorene	86-73-7	mg/kg	(1)	
Hexachlorobenzene	118-74-1	mg/kg	(1)	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	
Hexachloroethane	67-72-1	mg/kg	(1)	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	
Isophorone	78-59-1	mg/kg	(1)	
Naphthalene	91-20-3	mg/kg	(1)	
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	
Pentachlorophenol	87-86-5	mg/kg	(1)	
Phenanthrene	85-01-8	mg/kg	(1)	
Phenol	108-95-2	mg/kg	(1)	
Pyrene	129-00-0	mg/kg	(1)	
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	
1,3-Dichloropropane	142-28-9	mg/kg	(1)	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	
2-Butanone	78-93-3	mg/kg	(1)	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	
2-Hexanone	591-78-6	mg/kg	(1)	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	
Acetone	67-64-1	mg/kg	(1)	
Acetonitrile	75-05-8	mg/kg	(1)	
Acrylonitrile	107-13-1	mg/kg	(1)	
Benzene	71-43-2	mg/kg	(1)	
Bromodichloromethane	75-27-4	mg/kg	(1)	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	Qualifier
			139 / F-SD139-1 / 11/9/1993 / 0 - .5 / SD139-1(0-0.5) / SE	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U
Carbazole	86-74-8	mg/kg	(1)	
Chrysene	218-01-9	mg/kg	(1)	6.6
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U
Diphenylamine	122-39-4	mg/kg	(1)	
Fluoranthene	206-44-0	mg/kg	(1)	0.55
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.032 U
Phenol	108-95-2	mg/kg	(1)	< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	0.8
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U
2-Hexanone	591-78-6	mg/kg	(1)	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U
Acetone	67-64-1	mg/kg	(1)	< 3.3 U
Acetonitrile	75-05-8	mg/kg	(1)	
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U
Benzene	71-43-2	mg/kg	(1)	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value	Qualifier
			139 / F-SD139-2 / 11/9/1993 / 0 - .5 / SD139-2(0-0.5) / SE	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U
Carbazole	86-74-8	mg/kg	(1)	
Chrysene	218-01-9	mg/kg	(1)	5.3
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	15
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U
Diphenylamine	122-39-4	mg/kg	(1)	
Fluoranthene	206-44-0	mg/kg	(1)	5
Fluorene	86-73-7	mg/kg	(1)	0.76
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	23
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	3.3
Phenol	108-95-2	mg/kg	(1)	< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	5.5
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U
2-Hexanone	591-78-6	mg/kg	(1)	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U
Acetone	67-64-1	mg/kg	(1)	< 3.3 U
Acetonitrile	75-05-8	mg/kg	(1)	
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U
Benzene	71-43-2	mg/kg	(1)	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139
			Location ID	F-139-SD-012	F-139-SUMP-001	F-GPB-SD-45	F-GPB-SD-46	F-SD139-1	F-SD139-2
			Sample Date	9/19/2000	9/20/2000	3/9/1999	3/9/1999	11/9/1993	11/9/1993
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - .5	0 - .5
			Sample ID	139SD-12DUP(0-1)	139SUMP-1(0-1)	GPBSD-45(0-1)	GPBSD-46(0-1)	SD139-1(0-0.5)	SD139-2(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE
			ValueNo						
VOC (continued)									
Bromoform	75-25-2	mg/kg	(1)		< 0.014 R			< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg	(1)		< 0.028 U			< 0.26 U	< 0.26 U
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.014 U				
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.014 R			< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.014 UJ			< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg	(1)		< 0.028 U			< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg	(1)		< 0.014 U			< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg	(1)		< 0.028 U			< 0.96 U	< 0.96 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)		< 0.7 U				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 0.014 R				
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.014 R			< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	(1)					< 0.071 U	< 0.071 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 0.028 U				
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.014 UJ			< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg	(1)		< 0.014 U			< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg	(1)					< 0.23 U	< 0.23 U
Styrene	100-42-5	mg/kg	(1)		< 0.014 UJ				
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.014 UJ			< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg	(1)		0.02 J			< 0.1 U	< 0.1 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)		< 0.7 U				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 0.014 R				
Trichloroethene	79-01-6	mg/kg	(1)		< 0.014 R			< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.028 U			< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg	(1)		< 0.028 U			< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg	(1)		< 0.014 UJ			< 0.78 U	< 0.78 U
WetChem									
% Moisture	%Moist	%	(1)	81.4					
% Solids	%Solid	%	(1)	18.7	35.5	14.5	67.2		
Cation Exchange Capacity	CEC	mg/kg	(1)					6750	33800 D
Cyanide	57-12-5	mg/kg	(1)					< 0.25 U	< 0.25 U
Total organic carbon	TOC	mg/kg	(1)					207000	228000

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139
			Location ID	F-139-DC-001	F-139-EX1-B1	F-139-EX1-B1	F-139-EX1-SWNE-1	F-139-EX1-SWNW-1	F-139-EX1-SWSE-1
			Sample Date	5/26/2004	6/24/2004	6/24/2004	6/24/2004	6/24/2004	6/24/2004
			Depth Interval	0 - 3	3 - 3	3 - 3	2 - 2	2 - 2	2 - 2
			Sample ID	139DC-1(0-3)	139EX1-B1(3-3)	139EX1-B1DUP(3-3)	139EX1-SWNE-1(2-2)	139EX1-SWNW-1(2-2)	139EX1-SWSE-1(2-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)		< 2.3 R	< 4.6 R	< 2.2 R	< 4.4 R	< 2.3 R
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)	< 0.024 U					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)	< 0.024 U					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)	< 0.095 U					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)	< 0.095 U					
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)						
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)		232	263	210	189	266
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
Other									
1,4-Oxathiane	15980-15-1	mg/kg	(1)						
Dithiane	51330-42-8	mg/kg	(1)						

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-DC-001 Sample Date: 5/26/2004 Depth Interval: 0 - 3 Sample ID: 139DC-1(0-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-B1 Sample Date: 6/24/2004 Depth Interval: 3 - 3 Sample ID: 139EX1-B1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-B1 Sample Date: 6/24/2004 Depth Interval: 3 - 3 Sample ID: 139EX1-B1DUP(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-SWNE-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWNE-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-SWNW-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWNW-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-SWSE-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWSE-1(2-2) Sample Matrix: SO
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.039 U					
Aroclor 1016	12674-11-2	mg/kg	(2)						
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.039 U					
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.039 U					
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.039 U					
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.039 U					
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.039 U					
Aroclor 1260	11096-82-5	mg/kg	(1)	0.02 J					
Aroclor 1260	11096-82-5	mg/kg	(2)						
Aroclor 1262	37324-23-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)	0.25 PG					
4,4'-DDD	72-54-8	mg/kg	(2)						
4,4'-DDE	72-55-9	mg/kg	(1)	0.46					
4,4'-DDE	72-55-9	mg/kg	(2)						
4,4'-DDT	50-29-3	mg/kg	(1)	0.44					
4,4'-DDT	50-29-3	mg/kg	(2)						
Aldrin	309-00-2	mg/kg	(1)	< 0.2 U					
Aldrin	309-00-2	mg/kg	(2)						
alpha-BHC	319-84-6	mg/kg	(1)	< 0.2 U					
alpha-BHC	319-84-6	mg/kg	(2)						
Atrazine	1912-24-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)	0.02 PG					
beta-BHC	319-85-7	mg/kg	(2)						
Chlordane	57-74-9	mg/kg	(1)	< 0.02 U					
Chlordane	57-74-9	mg/kg	(2)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)	< 5 U					
Dalapon	75-99-0	mg/kg	(1)	< 0.048 U					
delta-BHC	319-86-8	mg/kg	(1)	0.19 J					
delta-BHC	319-86-8	mg/kg	(2)						
Dicamba	1918-00-9	mg/kg	(1)	< 0.048 U					
Dichloroprop	120-36-5	mg/kg	(1)	< 0.095 U					
Dieldrin	60-57-1	mg/kg	(1)	0.15 J					
Dieldrin	60-57-1	mg/kg	(2)						
Endosulfan I	959-98-8	mg/kg	(1)	< 0.2 U					
Endosulfan I	959-98-8	mg/kg	(2)						
Endosulfan II	33213-65-9	mg/kg	(1)	0.2					
Endosulfan II	33213-65-9	mg/kg	(2)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 0.2 U					
Endosulfan sulfate	1031-07-8	mg/kg	(2)						
Endrin	72-20-8	mg/kg	(1)	< 0.2 U					
Endrin	72-20-8	mg/kg	(2)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)	< 0.5 U					
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 0.2 U					
Endrin ketone	53494-70-5	mg/kg	(1)	0.21 PG					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.2 U					
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)	< 0.5 U					
Heptachlor	76-44-8	mg/kg	(1)	< 0.2 U					
Heptachlor	76-44-8	mg/kg	(2)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)	< 0.5 U					
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.2 U					
Heptachlor epoxide	1024-57-3	mg/kg	(2)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)	< 0.5 U					
Isodrin	465-73-6	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-DC-001 5/26/2004 0 - 3 139DC-1(0-3) SO	139 F-139-EX1-B1 6/24/2004 3 - 3 139EX1-B1(3-3) SO	139 F-139-EX1-B1 6/24/2004 3 - 3 139EX1-B1DUP(3-3) SO	139 F-139-EX1-SWNE-1 6/24/2004 2 - 2 139EX1-SWNE-1(2-2) SO	139 F-139-EX1-SWNW-1 6/24/2004 2 - 2 139EX1-SWNW-1(2-2) SO	139 F-139-EX1-SWSE-1 6/24/2004 2 - 2 139EX1-SWSE-1(2-2) SO
Pesticides (continued)									
Isodrin	465-73-6	mg/kg	(2)						
Malathion	121-75-5	mg/kg	(1)						
Methoxychlor	72-43-5	mg/kg	(1)	< 0.39 U					
Methoxychlor	72-43-5	mg/kg	(2)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)	< 1 U					
Mirex	2385-85-5	mg/kg	(1)						
Parathion	56-38-2	mg/kg	(1)						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)						
Supona	470-90-6	mg/kg	(1)						
Toxaphene	8001-35-2	mg/kg	(1)	< 0.08 U					
Toxaphene	8001-35-2	mg/kg	(2)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)	< 20 U					
Vapona	62-73-7	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.6 U					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
2-Nitroaniline	88-74-4	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.38 U#	< 0.36 U#	< 0.36 U#	< 0.38 U#	< 0.38 U#
4-Nitroaniline	100-01-6	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
Acenaphthene	83-32-9	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Aniline	62-53-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Anthracene	120-12-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	0.01 J
Benz(a)anthracene	56-55-3	mg/kg	(1)		0.13 J	< 0.36 U	0.04 J	0.05 J	0.11 J
Benzo(a)pyrene	50-32-8	mg/kg	(1)		0.31 J	0.21 J	< 0.36 U	0.17 J	0.14 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		0.23 J	0.18 J	0.09 J	0.13 J	0.2 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-DC-001 Sample Date: 5/26/2004 Depth Interval: 0 - 3 Sample ID: 139DC-1(0-3) Sample Matrix: SO	139 F-139-EX1-B1 6/24/2004 3 - 3 139EX1-B1(3-3) SO	139 F-139-EX1-B1 6/24/2004 3 - 3 139EX1-B1DUP(3-3) SO	139 F-139-EX1-SWNE-1 6/24/2004 2 - 2 139EX1-SWNE-1(2-2) SO	139 F-139-EX1-SWNW-1 6/24/2004 2 - 2 139EX1-SWNW-1(2-2) SO	139 F-139-EX1-SWSE-1 6/24/2004 2 - 2 139EX1-SWSE-1(2-2) SO
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.38 (U)	< 0.36 U	< 0.36 U	< 0.38 (U)	< 0.38 (U)
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Carbazole	86-74-8	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Chrysene	218-01-9	mg/kg	(1)		0.23 J	0.24 J	0.08 J	0.12 J	0.2 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)						
Dicyclopentadiene	77-73-6	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.38 U	< 0.36 (U)	< 0.36 (U)	< 0.38 (U)	< 0.38 (U)
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.38 U	< 0.36 U	0.02 J	0.03 J	0.02 J
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Dinoseb	88-85-7	mg/kg	(1)	< 0.014 U					
Diphenylamine	122-39-4	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Fluoranthene	206-44-0	mg/kg	(1)		0.17 J	0.09 J	0.05 J	0.07 J	0.18 J
Fluorene	86-73-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 1.8 U	< 1.7 U	< 1.7 U	< 1.8 U	< 1.8 U
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Isophorone	78-59-1	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Naphthalene	91-20-3	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Phenanthrene	85-01-8	mg/kg	(1)		0.06 J	0.04 J	0.02 J	0.04 J	0.1 J
Phenol	108-95-2	mg/kg	(1)		< 0.38 U	< 0.36 U	< 0.36 U	< 0.38 U	< 0.38 U
Pyrene	129-00-0	mg/kg	(1)		0.2 J	0.1 J	0.06 J	0.08 J	0.19 J
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)	< 70 U					
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)	< 25 U					
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)	< 100 U					
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)	< 500 U					
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)	< 50 U					
Benzene - TCLP	71-43-2TCLP	ug/L	(1)	< 25 U					
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)	< 25 U					
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)	< 25 U					
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)	< 25 U					
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)	< 70 U					
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)	< 50 U					
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)	< 50 U					
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.6 U					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.6 U					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.6 U					
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.6 U					
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.6 U					
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.6 U					

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-DC-001 Sample Date: 5/26/2004 Depth Interval: 0 - 3 Sample ID: 139DC-1(0-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-B1 Sample Date: 6/24/2004 Depth Interval: 3 - 3 Sample ID: 139EX1-B1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-B1 Sample Date: 6/24/2004 Depth Interval: 3 - 3 Sample ID: 139EX1-B1DUP(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-SWNE-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWNE-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-SWNW-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWNW-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX1-SWSE-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWSE-1(2-2) Sample Matrix: SO
VOC (continued)									
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.6 U					
1,3-Dichloropropane	142-28-9	mg/kg	(1)						
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)	< 0.024 U					
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)	< 0.024 U					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.024 U					
Acetone	67-64-1	mg/kg	(1)	0.66 J					
Acetonitrile	75-05-8	mg/kg	(1)	< 0.12 U					
Acrylonitrile	107-13-1	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)	< 0.6 U					
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.6 U					
Bromoform	75-25-2	mg/kg	(1)	< 0.6 U					
Bromomethane	74-83-9	mg/kg	(1)	< 0.6 U					
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.6 U					
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.6 U					
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.6 U					
Chloroethane	75-00-3	mg/kg	(1)	< 0.6 U					
Chloroform	67-66-3	mg/kg	(1)	< 0.6 U					
Chloromethane	74-87-3	mg/kg	(1)	< 0.6 U					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.3 U					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.6 U					
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.6 U					
Dibromochloropropane	96-12-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.6 U					
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.6 U					
m+p-Xylenes	XYL-MP	mg/kg	(1)	< 0.6 U					
Methylene chloride	75-09-2	mg/kg	(1)	< 0.6 (U)					
m-Xylenes	108-38-3	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)	< 0.3 U					
Styrene	100-42-5	mg/kg	(1)	< 0.6 U					
Tetrachloroethene	127-18-4	mg/kg	(1)	0.06 J					
Toluene	108-88-3	mg/kg	(1)	< 0.6 U					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.3 U					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.6 U					
Trichloroethene	79-01-6	mg/kg	(1)	0.01					
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.6 U					
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.6 U					
Xylenes	1330-20-7	mg/kg	(1)	< 0.6 U					
WetChem									
% Moisture	%Moist	%	(1)		12.4	13.5	8.3	9.1	12.3
% Solids	%Solid	%	(1)	83.8	87.1	91.5	91.8	87.8	87.9
% Solids	%Solid	%	(2)						
Cyanide	57-12-5	mg/kg	(1)						

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX1-SWSW-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWSW-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-B1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-2 Sample Date: 9/27/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-B1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B2-1 Sample Date: 7/1/2004 Depth Interval: 5 - 5 Sample ID: 139EX2-B2-1(5-5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWE-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWE-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-2 Sample Date: 8/30/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-2(2-2) Sample Matrix: SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)							
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)							
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)							
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)							
2-Nitrotoluene	88-72-2	mg/kg	(1)							
3-Nitrotoluene	99-08-1	mg/kg	(1)							
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)							
4-Nitrotoluene	99-99-0	mg/kg	(1)							
HMX	2691-41-0	mg/kg	(1)							
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	0.07 J	< 0.81 UD	< 28 U	< 1.5 UD
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)	< 2.4 (U)	< 266 (U)D	< 123 (U)D	53.5	591 QD	21400 QD	1130 QD
Nitroglycerin	55-63-0	mg/kg	(1)							
Nitroguanidine	556-88-7	mg/kg	(1)							
PETN	78-11-5	mg/kg	(1)							
RDX	121-82-4	mg/kg	(1)							
Tetryl	479-45-8	mg/kg	(1)							
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.4 U	7.4 JD	0.46 J	0.46 J	0.52 JD	28	0.71 JD
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.4 U	0.6 JD	< 1.8 U	0.04 J	< 0.81 UD	< 28 U	< 1.5 UD
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)							
Antimony	7440-36-0	mg/kg	(1)							
Arsenic	7440-38-2	mg/kg	(1)							
Barium	7440-39-3	mg/kg	(1)							
Beryllium	7440-41-7	mg/kg	(1)							
Cadmium	7440-43-9	mg/kg	(1)							
Calcium	7440-70-2	mg/kg	(1)							
Chromium	7440-47-3	mg/kg	(1)							
Cobalt	7440-48-4	mg/kg	(1)							
Copper	7440-50-8	mg/kg	(1)							
Iron	7439-89-6	mg/kg	(1)							
Lead	7439-92-1	mg/kg	(1)	57.8	2980 D	153	393	462	2990 D	262
Magnesium	7439-95-4	mg/kg	(1)							
Manganese	7439-96-5	mg/kg	(1)							
Mercury	7439-97-6	mg/kg	(1)							
Nickel	7440-02-0	mg/kg	(1)							
Potassium	7440-09-7	mg/kg	(1)							
Selenium	7782-49-2	mg/kg	(1)							
Silver	7440-22-4	mg/kg	(1)							
Sodium	7440-23-5	mg/kg	(1)							
Thallium	7440-28-0	mg/kg	(1)							
Vanadium	7440-62-2	mg/kg	(1)							
Zinc	7440-66-6	mg/kg	(1)							
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)							
Dithiane	51330-42-8	mg/kg	(1)							

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX1-SWSW-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWSW-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-B1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-2 Sample Date: 9/27/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-B1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B2-1 Sample Date: 7/1/2004 Depth Interval: 5 - 5 Sample ID: 139EX2-B2-1(5-5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWE-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWE-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-2 Sample Date: 8/30/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-2(2-2) Sample Matrix: SO
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)							
Aroclor 1016	12674-11-2	mg/kg	(2)							
Aroclor 1221	11104-28-2	mg/kg	(1)							
Aroclor 1232	11141-16-5	mg/kg	(1)							
Aroclor 1242	53469-21-9	mg/kg	(1)							
Aroclor 1248	12672-29-6	mg/kg	(1)							
Aroclor 1254	11097-69-1	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(2)							
Aroclor 1262	37324-23-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDD	72-54-8	mg/kg	(2)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(2)							
4,4'-DDT	50-29-3	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(2)							
Aldrin	309-00-2	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(2)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(2)							
Atrazine	1912-24-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(2)							
Chlordane	57-74-9	mg/kg	(1)							
Chlordane	57-74-9	mg/kg	(2)							
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(2)							
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(2)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(2)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(2)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(2)							
Endrin	72-20-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(2)							
Endrin - TCLP	72-20-8TCLP	ug/L	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)							
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(2)							
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(2)							
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)							
Isodrin	465-73-6	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-EX1-SWSW-1 6/24/2004 2 - 2 139EX1-SWSW-1(2-2) SO	139 F-139-EX2-B1-1 7/1/2004 3 - 3 139EX2-B1-1(3-3) SO	139 F-139-EX2-B1-2 9/27/2004 4 - 4 139EX2-B1-2(4-4) SO	139 F-139-EX2-B2-1 7/1/2004 5 - 5 139EX2-B2-1(5-5) SO	139 F-139-EX2-SWE-1 7/1/2004 2 - 2 139EX2-SWE-1(2-2) SO	139 F-139-EX2-SWN-1 7/1/2004 2 - 2 139EX2-SWN-1(2-2) SO	139 F-139-EX2-SWN-2 8/30/2004 2 - 2 139EX2-SWN-2(2-2) SO
Pesticides (continued)										
Isodrin	465-73-6	mg/kg	(2)							
Malathion	121-75-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(2)							
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)							
Mirex	2385-85-5	mg/kg	(1)							
Parathion	56-38-2	mg/kg	(1)							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)							
Supona	470-90-6	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(2)							
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)							
Vapona	62-73-7	mg/kg	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
2,6-Dinitroaniline	606-22-4	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
3,5-Dinitroaniline	618-87-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.4 U#	< 8.2 U#D	< 1.8 U	< 0.47 U#	< 0.81 U#D	< 28 U#	< 1.5 UD
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
Acenaphthene	83-32-9	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Aniline	62-53-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Anthracene	120-12-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	0.05 J	< 0.81 UD	< 28 U	< 1.5 UD
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.01 J	0.28 JD	< 1.8 U	0.19 J	0.11 JD	< 28 U	0.08 JD
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.4 U	0.34 JD	< 1.8 U	0.19 J	0.11 JD	< 28 U	0.4 JD
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.03 J	0.55 JD	< 1.8 U	0.31 J	0.27 JD	< 28 U	0.25 JD
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	0.15 J	0.1 JD	< 28 U	< 1.5 UD
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	0.11 J	< 0.81 UD	< 28 U	< 1.5 UD

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX1-SWSW-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWSW-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-B1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-2 Sample Date: 9/27/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-B1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B2-1 Sample Date: 7/1/2004 Depth Interval: 5 - 5 Sample ID: 139EX2-B2-1(5-5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWE-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWE-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-2 Sample Date: 8/30/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-2(2-2) Sample Matrix: SO
SVOC (continued)										
Benzyl alcohol	100-51-6	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.4 (U)	< 8.2 (U)D	< 1.8 U	< 0.47 (U)	3.8 D	< 28 U	< 1.5 (U)D
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Carbazole	86-74-8	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Chrysene	218-01-9	mg/kg	(1)	0.02 J	0.56 JD	< 1.8 U	0.21 J	0.19 JD	< 28 U	0.18 JD
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	0.02 J	0.13 JD	< 28 U	< 1.5 UD
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Dichlorobenzenes	25321-22-6	mg/kg	(1)							
Dicyclopentadiene	77-73-6	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 (U)	0.73 JD	< 28 U	< 1.5 UD
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	0.11 JD	< 28 U	< 1.5 UD
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.4 U	20 D	0.8 J	0.93	2.2 D	210	2.7 D
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)	< 0.4 U	1.6 JD	0.12 J	0.09 J	0.09 JD	13 J	0.22 JD
Fluoranthene	206-44-0	mg/kg	(1)	0.04 J	< 8.2 UD	< 1.8 U	0.36 J	0.17 JD	< 28 U	0.11 JD
Fluorene	86-73-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.9 U	< 40 UD	< 8.7 U	< 2.3 U	< 3.9 UD	< 140 U	< 7.4 UD
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	0.12 J	0.09 JD	< 28 U	< 1.5 UD
Isophorone	78-59-1	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Naphthalene	91-20-3	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.4 U	1.6 JD	0.11 J	0.09 J	0.09 JD	13 J	0.22 JD
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 U	< 0.81 UD	< 28 U	< 1.5 UD
Phenanthrene	85-01-8	mg/kg	(1)	0.04 J	< 8.2 UD	< 1.8 U	0.14 J	0.06 JD	< 28 U	< 1.5 UD
Phenol	108-95-2	mg/kg	(1)	< 0.4 U	< 8.2 UD	< 1.8 U	< 0.47 (U)	< 0.81 UD	< 28 U	< 1.5 UD
Pyrene	129-00-0	mg/kg	(1)	0.04 J	< 8.2 UD	< 1.8 U	0.29 J	0.13 JD	< 28 U	0.09 JD
TCLP										
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)							
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)							
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)							
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)							
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)							
Benzene - TCLP	71-43-2TCLP	ug/L	(1)							
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)							
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)							
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)							
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)							
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)							
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX1-SWSW-1 Sample Date: 6/24/2004 Depth Interval: 2 - 2 Sample ID: 139EX1-SWSW-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-B1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B1-2 Sample Date: 9/27/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-B1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-B2-1 Sample Date: 7/1/2004 Depth Interval: 5 - 5 Sample ID: 139EX2-B2-1(5-5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWE-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWE-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWN-2 Sample Date: 8/30/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWN-2(2-2) Sample Matrix: SO
VOC (continued)										
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
1,3-Dichloropropane	142-28-9	mg/kg	(1)							
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)							
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acetonitrile	75-05-8	mg/kg	(1)							
Acrylonitrile	107-13-1	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dibromochloropropane	96-12-8	mg/kg	(1)							
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
m+p-Xylenes	XYL-MP	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
m-Xylenes	108-38-3	mg/kg	(1)							
o-Xylene	95-47-6	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Moisture	%Moist	%	(1)	16.1	24.9	83.8	33.6	18.5	27.6	15.1
% Solids	%Solid	%	(1)	82.8	80	18.5	70.9	81.1	71.6	85.6
% Solids	%Solid	%	(2)							
Cyanide	57-12-5	mg/kg	(1)							

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX2-SWNW-1 Sample Date: 7/1/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-SWNW-1(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWS-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWS-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-SWW1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW1-2 Sample Date: 8/30/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-SWW1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW2-1 Sample Date: 7/1/2004 Depth Interval: 3.5 - 3.5 Sample ID: 139EX2-SWW2-1(3.5-3.5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SB-002 Sample Date: 12/4/2000 Depth Interval: 2.5 - 3 Sample ID: 139SB-2B(2.5-3) Sample Matrix: SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						0.48
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)						< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)						< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)						< 0.25 U
HMX	2691-41-0	mg/kg	(1)						< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	0.17 JD	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)	332 QD	158 QD	17500 QD	< 23.1 (U)D	802 QD	956 D
Nitroglycerin	55-63-0	mg/kg	(1)						< 0.8 U
Nitroguanidine	556-88-7	mg/kg	(1)						< 0.25 U
PETN	78-11-5	mg/kg	(1)						< 0.5 U
RDX	121-82-4	mg/kg	(1)						< 0.25 U
Tetryl	479-45-8	mg/kg	(1)						< 0.25 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.38 U	0.07 J	34	< 1.5 UD	< 0.82 UD	0.91
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)						6010 J
Antimony	7440-36-0	mg/kg	(1)						< 1.5 UJ
Arsenic	7440-38-2	mg/kg	(1)						10.1 J
Barium	7440-39-3	mg/kg	(1)						194 J
Beryllium	7440-41-7	mg/kg	(1)						< 0.76 U
Cadmium	7440-43-9	mg/kg	(1)						0.98 J
Calcium	7440-70-2	mg/kg	(1)						6490 J
Chromium	7440-47-3	mg/kg	(1)						20.3 J
Cobalt	7440-48-4	mg/kg	(1)						6.6 J
Copper	7440-50-8	mg/kg	(1)						44.5 J
Iron	7439-89-6	mg/kg	(1)						18800 J
Lead	7439-92-1	mg/kg	(1)	354	126	2080	526	577	1290 J
Magnesium	7439-95-4	mg/kg	(1)						2710 J
Manganese	7439-96-5	mg/kg	(1)						618 J
Mercury	7439-97-6	mg/kg	(1)						175 JD
Nickel	7440-02-0	mg/kg	(1)						20.3 J
Potassium	7440-09-7	mg/kg	(1)						326 J
Selenium	7782-49-2	mg/kg	(1)						1.3 J
Silver	7440-22-4	mg/kg	(1)						2.4 J
Sodium	7440-23-5	mg/kg	(1)						< 760 U
Thallium	7440-28-0	mg/kg	(1)						< 1.5 U
Vanadium	7440-62-2	mg/kg	(1)						23.1 J
Zinc	7440-66-6	mg/kg	(1)						198 J
Other									
1,4-Oxathiane	15980-15-1	mg/kg	(1)						
Dithiane	51330-42-8	mg/kg	(1)						

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139
				Location ID: F-139-EX2-SWNW-1	F-139-EX2-SWS-1	F-139-EX2-SWW1-1	F-139-EX2-SWW1-2	F-139-EX2-SWW2-1	F-139-SB-002
				Sample Date: 7/1/2004	7/1/2004	7/1/2004	8/30/2004	7/1/2004	12/4/2000
				Depth Interval: 4 - 4	2 - 2	3 - 3	4 - 4	3.5 - 3.5	2.5 - 3
				Sample ID: 139EX2-SWNW-1(4-4)	139EX2-SWS-1(2-2)	139EX2-SWW1-1(3-3)	139EX2-SWW1-2(4-4)	139EX2-SWW2-1(3.5-3.5)	139SB-2B(2.5-3)
				Sample Matrix: SO	SO	SO	SO	SO	SO
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1016	12674-11-2	mg/kg	(2)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(2)						
Aroclor 1262	37324-23-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDD	72-54-8	mg/kg	(2)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(2)						
4,4'-DDT	50-29-3	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(2)						
Aldrin	309-00-2	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(2)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(2)						
Atrazine	1912-24-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(2)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(2)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(2)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(2)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(2)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(2)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(2)						
Endrin	72-20-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(2)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(2)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(2)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Isodrin	465-73-6	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-EX2-SWNW-1 7/1/2004 4 - 4 139EX2-SWNW-1(4-4) SO	139 F-139-EX2-SWS-1 7/1/2004 2 - 2 139EX2-SWS-1(2-2) SO	139 F-139-EX2-SWW1-1 7/1/2004 3 - 3 139EX2-SWW1-1(3-3) SO	139 F-139-EX2-SWW1-2 8/30/2004 4 - 4 139EX2-SWW1-2(4-4) SO	139 F-139-EX2-SWW2-1 7/1/2004 3.5 - 3.5 139EX2-SWW2-1(3.5-3.5) SO	139 F-139-SB-002 12/4/2000 2.5 - 3 139SB-2B(2.5-3) SO
Pesticides (continued)									
Isodrin	465-73-6	mg/kg	(2)						
Malathion	121-75-5	mg/kg	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor	72-43-5	mg/kg	(2)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Mirex	2385-85-5	mg/kg	(1)						
Parathion	56-38-2	mg/kg	(1)						
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)						
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)						
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)						
Supona	470-90-6	mg/kg	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene	8001-35-2	mg/kg	(2)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						
Vapona	62-73-7	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	0.28 J	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
2,6-Dinitroaniline	606-22-4	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2-Methylnaphthalene	91-57-6	mg/kg	(1)	0.01 J	0.06 J	< 30 U	< 1.5 UD	< 0.82 UD	
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
3,5-Dinitroaniline	618-87-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.38 U#	< 0.39 U#	< 30 U#	< 1.5 UD	< 0.82 U#D	
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
Acenaphthene	83-32-9	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Acenaphthylene	208-96-8	mg/kg	(1)	0.03 J	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Aniline	62-53-3	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Anthracene	120-12-7	mg/kg	(1)	0.04 J	0.03 J	< 30 U	0.08 JD	0.07 JD	
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.28 J	0.12 J	< 30 U	0.28 JD	0.3 JD	
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.38	0.15 J	< 30 U	0.29 JD	0.47 JD	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.66	0.25 J	< 30 U	0.38 JD	1.2 D	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.34 J	0.13 J	< 30 U	0.23 JD	0.58 JD	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.31 J	0.09 J	< 30 U	0.26 JD	0.49 JD	

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX2-SWNW-1 Sample Date: 7/1/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-SWNW-1(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWS-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWS-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-SWW1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW1-2 Sample Date: 8/30/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-SWW1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW2-1 Sample Date: 7/1/2004 Depth Interval: 3.5 - 3.5 Sample ID: 139EX2-SWW2-1(3.5-3.5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SB-002 Sample Date: 12/4/2000 Depth Interval: 2.5 - 3 Sample ID: 139SB-2B(2.5-3) Sample Matrix: SO
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.38 (U)	< 0.39 (U)	< 30 U	< 1.5 (U)D	< 0.82 (U)D	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Carbazole	86-74-8	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	0.03 JD	
Chrysene	218-01-9	mg/kg	(1)	0.34 J	0.15 J	< 30 U	0.38 JD	0.39 JD	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.03 J	0.06 J	< 30 U	< 1.5 UD	0.27 JD	
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Dichlorobenzenes	25321-22-6	mg/kg	(1)						
Dicyclopentadiene	77-73-6	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.38 (U)	< 0.39 U	< 30 U	0.11 JD	< 0.82 (U)D	
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	0.17 JD	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	0.16 J	0.77	110	0.81 JD	0.68 JD	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)	< 0.38 U	0.06 J	19 J	< 1.5 UD	0.34 JD	
Fluoranthene	206-44-0	mg/kg	(1)	0.36 J	0.26 J	< 30 U	0.37 JD	0.72 JD	
Fluorene	86-73-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.9 U	< 1.9 U	< 150 U	< 7.3 UD	< 4 UD	
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.29 J	0.09 J	< 30 U	0.18 JD	0.59 JD	
Isophorone	78-59-1	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Naphthalene	91-20-3	mg/kg	(1)	< 0.38 U	0.04 J	< 30 U	< 1.5 UD	< 0.82 UD	
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.38 U	0.06 J	19 J	< 1.5 UD	0.34 JD	
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Phenanthrene	85-01-8	mg/kg	(1)	0.06 J	0.12 J	< 30 U	0.09 JD	0.27 JD	
Phenol	108-95-2	mg/kg	(1)	< 0.38 U	< 0.39 U	< 30 U	< 1.5 UD	< 0.82 UD	
Pyrene	129-00-0	mg/kg	(1)	0.38	0.21 J	< 30 U	0.34 JD	0.56 JD	
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-EX2-SWNW-1 Sample Date: 7/1/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-SWNW-1(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWS-1 Sample Date: 7/1/2004 Depth Interval: 2 - 2 Sample ID: 139EX2-SWS-1(2-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW1-1 Sample Date: 7/1/2004 Depth Interval: 3 - 3 Sample ID: 139EX2-SWW1-1(3-3) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW1-2 Sample Date: 8/30/2004 Depth Interval: 4 - 4 Sample ID: 139EX2-SWW1-2(4-4) Sample Matrix: SO	Site Name: 139 Location ID: F-139-EX2-SWW2-1 Sample Date: 7/1/2004 Depth Interval: 3.5 - 3.5 Sample ID: 139EX2-SWW2-1(3.5-3.5) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SB-002 Sample Date: 12/4/2000 Depth Interval: 2.5 - 3 Sample ID: 139SB-2B(2.5-3) Sample Matrix: SO
VOC (continued)									
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,3-Dichloropropane	142-28-9	mg/kg	(1)						
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Acrylonitrile	107-13-1	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloropropane	96-12-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
m-Xylenes	108-38-3	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)	14.7	17.8	33.5	13.3	18.1	30.9
% Solids	%Solid	%	(1)	86.1	85.3	65.6	87.4	80.8	65.8
% Solids	%Solid	%	(2)						
Cyanide	57-12-5	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SS-007 8/31/2000 0 - 1 139SS-7A(0-1) SO	139 F-139-SS-008 8/31/2000 0 - 1 139SS-8A(0-1) SO	139 F-139-SS-009 8/31/2000 0 - 1 139SS-9A(0-1) SO	139 F-139-SS-010A 8/31/2000 0 - 1 139SS-10A(0-1) SO	139 F-139-SS-011 8/31/2000 1 - 2 139SS-11B(1-2) SO	139 F-139-SS-012 8/31/2000 0 - 1 139SS-12A(0-1) SO	139 F-139-SS-013 8/31/2000 0 - 1 139SS-13A(0-1) SO	139 F-139-SS-014 8/31/2000 0 - 1 139SS-14A(0-1) SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								
2-Nitrotoluene	88-72-2	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								
4-Nitrotoluene	99-99-0	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(1)								
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
Nitroguanidine	556-88-7	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)								
Tetryl	479-45-8	mg/kg	(1)								
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Herbicide											
2,4,5-T	93-76-5	mg/kg	(1)								
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)								
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)								
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)								
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)								
Cadmium	7440-43-9	mg/kg	(1)								
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)								
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)						835	326	415
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)	0.14			0.83	0.13			
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)	< 1.1 U	< 1.2 U	1.3	< 1.1 U	< 1.1 U	< 1.2 U	< 1.1 U	1.2
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139	139	139
			Location ID	F-139-SS-007	F-139-SS-008	F-139-SS-009	F-139-SS-010A	F-139-SS-011	F-139-SS-012	F-139-SS-013	F-139-SS-014
			Sample Date	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
			Sample ID	139SS-7A(0-1)	139SS-8A(0-1)	139SS-9A(0-1)	139SS-10A(0-1)	139SS-11B(1-2)	139SS-12A(0-1)	139SS-13A(0-1)	139SS-14A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)								
Dalapon	75-99-0	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dicamba	1918-00-9	mg/kg	(1)								
Dichloroprop	120-36-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin - TCLP	72-20-8TCLP	ug/L	(1)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)								
Isodrin	465-73-6	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SS-007 8/31/2000 0 - 1 139SS-7A(0-1) SO	139 F-139-SS-008 8/31/2000 0 - 1 139SS-8A(0-1) SO	139 F-139-SS-009 8/31/2000 0 - 1 139SS-9A(0-1) SO	139 F-139-SS-010A 8/31/2000 0 - 1 139SS-10A(0-1) SO	139 F-139-SS-011 8/31/2000 1 - 2 139SS-11B(1-2) SO	139 F-139-SS-012 8/31/2000 0 - 1 139SS-12A(0-1) SO	139 F-139-SS-013 8/31/2000 0 - 1 139SS-13A(0-1) SO	139 F-139-SS-014 8/31/2000 0 - 1 139SS-14A(0-1) SO
Pesticides (continued)											
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)								
Vapona	62-73-7	mg/kg	(1)								
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitroaniline	88-74-4	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chloroaniline	106-47-8	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitroaniline	100-01-6	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)						< 0.38 U	< 0.36 U	< 0.38 U
Acenaphthylene	208-96-8	mg/kg	(1)						< 0.38 U	< 0.36 U	< 0.38 U
Aniline	62-53-3	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)						< 0.38 U	< 0.36 U	< 0.38 U
Benz(a)anthracene	56-55-3	mg/kg	(1)						0.54	0.08 J	0.09 J
Benzo(a)pyrene	50-32-8	mg/kg	(1)						0.93	0.09 J	0.07 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						0.96	0.18 J	0.16 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						0.57	0.07 J	0.06 J
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						0.12 J	0.04 J	< 0.38 U

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139	139
				Location ID: F-139-SS-007	F-139-SS-008	F-139-SS-009	F-139-SS-010A	F-139-SS-011	F-139-SS-012	F-139-SS-013	F-139-SS-014
				Sample Date: 8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
				Depth Interval: 0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
				Sample ID: 139SS-7A(0-1)	139SS-8A(0-1)	139SS-9A(0-1)	139SS-10A(0-1)	139SS-11B(1-2)	139SS-12A(0-1)	139SS-13A(0-1)	139SS-14A(0-1)
				Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
SVOC (continued)											
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Carbazole	86-74-8	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)						1.5	0.19 J	0.25 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						0.59 J	0.04 J	< 0.38 U
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Dinoseb	88-85-7	mg/kg	(1)								
Diphenylamine	122-39-4	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)						0.18 J	0.13 J	0.08 J
Fluorene	86-73-7	mg/kg	(1)						< 0.38 U	< 0.36 U	< 0.38 U
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								
Hexachloroethane	67-72-1	mg/kg	(1)								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						0.44 J	0.06 J	0.06 J
Isophorone	78-59-1	mg/kg	(1)								
Naphthalene	91-20-3	mg/kg	(1)						< 0.38 U	< 0.36 U	< 0.38 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)								
Pentachlorophenol	87-86-5	mg/kg	(1)								
Phenanthrene	85-01-8	mg/kg	(1)						0.07 J	0.06 J	< 0.38 U
Phenol	108-95-2	mg/kg	(1)								
Pyrene	129-00-0	mg/kg	(1)						0.27 J	0.2 J	0.12 J
TCLP											
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)								
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)								
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)								
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)								
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)								
Benzene - TCLP	71-43-2TCLP	ug/L	(1)								
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)								
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)								
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)								
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)								
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139	139
				Location ID: F-139-SS-007	F-139-SS-008	F-139-SS-009	F-139-SS-010A	F-139-SS-011	F-139-SS-012	F-139-SS-013	F-139-SS-014
				Sample Date: 8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
				Depth Interval: 0 - 1	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
				Sample ID: 139SS-7A(0-1)	139SS-8A(0-1)	139SS-9A(0-1)	139SS-10A(0-1)	139SS-11B(1-2)	139SS-12A(0-1)	139SS-13A(0-1)	139SS-14A(0-1)
				Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
VOC (continued)											
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
1,3-Dichloropropane	142-28-9	mg/kg	(1)								
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)								
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acetonitrile	75-05-8	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dibromochloropropane	96-12-8	mg/kg	(1)								
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
m+p-Xylenes	XYL-MP	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
m-Xylenes	108-38-3	mg/kg	(1)								
o-Xylene	95-47-6	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Moisture	%Moist	%	(1)								
% Solids	%Solid	%	(1)	92.9	86.7	94.1	93.5	91.2	86.9	91.7	86.5
% Solids	%Solid	%	(2)								
Cyanide	57-12-5	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SS-015 8/31/2000 0 - 1 139SS-15A(0-1) SO	139 F-139-SS-016 8/31/2000 1 - 2 139SS-16B(1-2) SO	139 F-139-SS-017 8/31/2000 0 - 1 139SS-17A(0-1) SO	139 F-139-SS-018 8/31/2000 0 - 1 139SS-18A(0-1) SO	139 F-139-SS-019 8/31/2000 0 - 1 139SS-19A(0-1) SO	139 F-139-SS-020 8/31/2000 1 - 2 139SS-20B(1-2) SO	139 F-139-SS-021 8/31/2000 0 - 1 139SS-21A(0-1) SO	139 F-139-SS-022 8/31/2000 0 - 1 139SS-22A(0-1) SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)							< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)							< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)							< 0.25 U	0.3
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)							< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)							< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)							< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)							< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)							< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)							< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)							< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)								
Nitroguanidine	556-88-7	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)								
RDX	121-82-4	mg/kg	(1)							0.12 J	< 0.25 U
Tetryl	479-45-8	mg/kg	(1)							< 0.25 U	< 0.25 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)							0.1 J	3.1
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)							< 0.25 U	0.38 J
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Herbicide											
2,4,5-T	93-76-5	mg/kg	(1)								
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)								
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)								
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)								
Antimony	7440-36-0	mg/kg	(1)								
Arsenic	7440-38-2	mg/kg	(1)								
Barium	7440-39-3	mg/kg	(1)								
Beryllium	7440-41-7	mg/kg	(1)			< 0.55 U	< 0.59 U	0.1 J	< 0.56 U		
Cadmium	7440-43-9	mg/kg	(1)								
Calcium	7440-70-2	mg/kg	(1)								
Chromium	7440-47-3	mg/kg	(1)								
Cobalt	7440-48-4	mg/kg	(1)								
Copper	7440-50-8	mg/kg	(1)								
Iron	7439-89-6	mg/kg	(1)								
Lead	7439-92-1	mg/kg	(1)	316	416	278	2010 D	648	102	229	124 D
Magnesium	7439-95-4	mg/kg	(1)								
Manganese	7439-96-5	mg/kg	(1)								
Mercury	7439-97-6	mg/kg	(1)						28.3 D		1
Nickel	7440-02-0	mg/kg	(1)								
Potassium	7440-09-7	mg/kg	(1)								
Selenium	7782-49-2	mg/kg	(1)								
Silver	7440-22-4	mg/kg	(1)								
Sodium	7440-23-5	mg/kg	(1)								
Thallium	7440-28-0	mg/kg	(1)	< 1.1 U	0.61 J	< 1.1 U	< 1.2 U	< 1.2 U	< 1.1 U	< 1.2 U	1.4 JD
Vanadium	7440-62-2	mg/kg	(1)								
Zinc	7440-66-6	mg/kg	(1)								
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)								
Dithiane	51330-42-8	mg/kg	(1)								

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139	139
				Location ID: F-139-SS-015	F-139-SS-016	F-139-SS-017	F-139-SS-018	F-139-SS-019	F-139-SS-020	F-139-SS-021	F-139-SS-022
				Sample Date: 8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
				Depth Interval: 0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1
				Sample ID: 139SS-15A(0-1)	139SS-16B(1-2)	139SS-17A(0-1)	139SS-18A(0-1)	139SS-19A(0-1)	139SS-20B(1-2)	139SS-21A(0-1)	139SS-22A(0-1)
				Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1232	11141-16-5	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1242	53469-21-9	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1248	12672-29-6	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1254	11097-69-1	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1260	11096-82-5	mg/kg	(1)							< 0.041 U	< 0.055 U
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(2)								
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)								
Dalapon	75-99-0	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(2)								
Dicamba	1918-00-9	mg/kg	(1)								
Dichloroprop	120-36-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(2)								
Endrin - TCLP	72-20-8TCLP	ug/L	(1)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)								
Isodrin	465-73-6	mg/kg	(1)								

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139	139
				Location ID: F-139-SS-015	F-139-SS-016	F-139-SS-017	F-139-SS-018	F-139-SS-019	F-139-SS-020	F-139-SS-021	F-139-SS-022
				Sample Date: 8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
				Depth Interval: 0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1
				Sample ID: 139SS-15A(0-1)	139SS-16B(1-2)	139SS-17A(0-1)	139SS-18A(0-1)	139SS-19A(0-1)	139SS-20B(1-2)	139SS-21A(0-1)	139SS-22A(0-1)
				Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
Pesticides (continued)											
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(2)								
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)								
Mirex	2385-85-5	mg/kg	(1)								
Parathion	56-38-2	mg/kg	(1)								
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)								
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)								
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)								
Supona	470-90-6	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(1)								
Toxaphene	8001-35-2	mg/kg	(2)								
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)								
Vapona	62-73-7	mg/kg	(1)								
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)								
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)								
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)								
2,6-Dinitroaniline	606-22-4	mg/kg	(1)								
2-Chloronaphthalene	91-58-7	mg/kg	(1)								
2-Chlorophenol	95-57-8	mg/kg	(1)								
2-Methylnaphthalene	91-57-6	mg/kg	(1)								
2-Methylphenol	95-48-7	mg/kg	(1)								
2-Nitroaniline	88-74-4	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)								
3,5-Dinitroaniline	618-87-1	mg/kg	(1)								
3-Nitroaniline	99-09-2	mg/kg	(1)								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)								
4-Chloroaniline	106-47-8	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)								
4-Methylphenol	106-44-5	mg/kg	(1)								
4-Nitroaniline	100-01-6	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)								
Acenaphthene	83-32-9	mg/kg	(1)	< 0.36 U	< 0.36 U						
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.36 U	< 0.36 U						
Aniline	62-53-3	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)	< 0.36 U	< 0.36 U						
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.29 J	0.12 J						
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.29 J	0.1 J						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.53	0.25 J						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.23 J	0.11 J						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.14 J	0.04 J						

Chemical Name	CAS No	Unit	Site Name	139	139	139	139	139	139	139	139
			Location ID	F-139-SS-015	F-139-SS-016	F-139-SS-017	F-139-SS-018	F-139-SS-019	F-139-SS-020	F-139-SS-021	F-139-SS-022
			Sample Date	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1
			Sample ID	139SS-15A(0-1)	139SS-16B(1-2)	139SS-17A(0-1)	139SS-18A(0-1)	139SS-19A(0-1)	139SS-20B(1-2)	139SS-21A(0-1)	139SS-22A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo								
SVOC (continued)											
Benzyl alcohol	100-51-6	mg/kg	(1)								
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)								
Carbazole	86-74-8	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)	0.63	0.29 J						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.21 J	0.08 J						
Dibenzofuran	132-64-9	mg/kg	(1)								
Dichlorobenzenes	25321-22-6	mg/kg	(1)								
Dicyclopentadiene	77-73-6	mg/kg	(1)								
Diethylphthalate	84-66-2	mg/kg	(1)								
Dimethylphthalate	131-11-3	mg/kg	(1)								
di-n-Butylphthalate	84-74-2	mg/kg	(1)								
di-n-Octylphthalate	117-84-0	mg/kg	(1)								
Dinoseb	88-85-7	mg/kg	(1)								
Diphenylamine	122-39-4	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)	0.26 J	0.12 J						
Fluorene	86-73-7	mg/kg	(1)	< 0.36 U	< 0.36 U						
Hexachlorobenzene	118-74-1	mg/kg	(1)								
Hexachlorobutadiene	87-68-3	mg/kg	(1)								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)								
Hexachloroethane	67-72-1	mg/kg	(1)								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.2 J	0.09 J						
Isophorone	78-59-1	mg/kg	(1)								
Naphthalene	91-20-3	mg/kg	(1)	< 0.36 U	< 0.36 U						
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)								
Pentachlorophenol	87-86-5	mg/kg	(1)								
Phenanthrene	85-01-8	mg/kg	(1)	0.09 J	0.05 J						
Phenol	108-95-2	mg/kg	(1)								
Pyrene	129-00-0	mg/kg	(1)	0.39	0.16 J						
TCLP											
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)								
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)								
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)								
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)								
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)								
Benzene - TCLP	71-43-2TCLP	ug/L	(1)								
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)								
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)								
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)								
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)								
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139	139
			Location ID:	F-139-SS-015	F-139-SS-016	F-139-SS-017	F-139-SS-018	F-139-SS-019	F-139-SS-020	F-139-SS-021	F-139-SS-022
			Sample Date:	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000	8/31/2000
			Depth Interval:	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1
			Sample ID:	139SS-15A(0-1)	139SS-16B(1-2)	139SS-17A(0-1)	139SS-18A(0-1)	139SS-19A(0-1)	139SS-20B(1-2)	139SS-21A(0-1)	139SS-22A(0-1)
			Sample Matrix:	SO	SO	SO	SO	SO	SO	SO	SO
VOC (continued)											
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
1,3-Dichloropropane	142-28-9	mg/kg	(1)								
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)								
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acetonitrile	75-05-8	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dibromochloropropane	96-12-8	mg/kg	(1)								
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
m+p-Xylenes	XYL-MP	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
m-Xylenes	108-38-3	mg/kg	(1)								
o-Xylene	95-47-6	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Moisture	%Moist	%	(1)								
% Solids	%Solid	%	(1)	92.8	91.7	90.8	84.8	84.1	89.1	81.2	60
% Solids	%Solid	%	(2)								
Cyanide	57-12-5	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SS-023 8/31/2000 1 - 2 139SS-23B(1-2) SO	139 F-139-SS-024 4/23/2001 0 - 1 139SS-24A(0-1) SO	139 F-139-SS-025 4/23/2001 1 - 2 139SS-25B(1-2) SO	139 F-139-SS-025 5/24/2001 5 - 6 139SS-25C(5-6) SO	139 F-139-SS-026 4/23/2001 0 - 1 139SS-26A(0-1) SO	139 F-139-SS-027 4/25/2001 2 - 3 139SS-27C(2-3) SO	139, Building 424 F-424-S1-B-1 6/9/2004 0 - 1 424S1-B-1(0-1) SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	0.11 J						< 0.5 UD
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U						< 0.5 UD
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	0.15 J						< 0.5 UD
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U						< 0.5 UD
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U						< 0.5 UD
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U						< 0.5 UD
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U						< 0.5 UD
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U						< 0.5 UD
HMX	2691-41-0	mg/kg	(1)	14						< 1 UD
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U						< 15 UD
Nitrobenzene	98-95-3	mg/kg	(2)							< 0.5 UD
Nitrocellulose	9004-70-0	mg/kg	(1)							2170 QD
Nitroglycerin	55-63-0	mg/kg	(1)							
Nitroguanidine	556-88-7	mg/kg	(1)							
PETN	78-11-5	mg/kg	(1)							
RDX	121-82-4	mg/kg	(1)	1.9						< 1 UD
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U						< 1.3 UD
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	1.3						12 D
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							6.4 JD
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U						< 15 UD
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							0.46 JD
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)							14600
Antimony	7440-36-0	mg/kg	(1)							4.2
Arsenic	7440-38-2	mg/kg	(1)							10.6
Barium	7440-39-3	mg/kg	(1)							524
Beryllium	7440-41-7	mg/kg	(1)							0.79 J
Cadmium	7440-43-9	mg/kg	(1)							19.6
Calcium	7440-70-2	mg/kg	(1)							25900
Chromium	7440-47-3	mg/kg	(1)							165
Cobalt	7440-48-4	mg/kg	(1)							10.7 J
Copper	7440-50-8	mg/kg	(1)							317
Iron	7439-89-6	mg/kg	(1)							63900
Lead	7439-92-1	mg/kg	(1)	610 D	1280 JD	1860 JD	714 J	816 J	49.1 JD	4090 D
Magnesium	7439-95-4	mg/kg	(1)							2940
Manganese	7439-96-5	mg/kg	(1)							552
Mercury	7439-97-6	mg/kg	(1)	1.3						8 D
Nickel	7440-02-0	mg/kg	(1)							126
Potassium	7440-09-7	mg/kg	(1)							464 J
Selenium	7782-49-2	mg/kg	(1)							< 1.1 U
Silver	7440-22-4	mg/kg	(1)							298
Sodium	7440-23-5	mg/kg	(1)							< 1150 U
Thallium	7440-28-0	mg/kg	(1)	1.3 JD						< 2.3 U
Vanadium	7440-62-2	mg/kg	(1)							27.9
Zinc	7440-66-6	mg/kg	(1)							1960
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)							
Dithiane	51330-42-8	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SS-023 8/31/2000 1 - 2 139SS-23B(1-2) SO	139 F-139-SS-024 4/23/2001 0 - 1 139SS-24A(0-1) SO	139 F-139-SS-025 4/23/2001 1 - 2 139SS-25B(1-2) SO	139 F-139-SS-025 5/24/2001 5 - 6 139SS-25C(5-6) SO	139 F-139-SS-026 4/23/2001 0 - 1 139SS-26A(0-1) SO	139 F-139-SS-027 4/25/2001 2 - 3 139SS-27C(2-3) SO	139, Building 424 F-424-S1-B-1 6/9/2004 0 - 1 424S1-B-1(0-1) SO
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.046 U						< 0.076 U
Aroclor 1016	12674-11-2	mg/kg	(2)							
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.046 U						< 0.076 U
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.046 U						< 0.076 U
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.046 U						< 0.076 U
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.046 U						< 0.076 U
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.046 U						0.58
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.046 U						< 0.076 U
Aroclor 1260	11096-82-5	mg/kg	(2)							
Aroclor 1262	37324-23-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDD	72-54-8	mg/kg	(2)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(2)							
4,4'-DDT	50-29-3	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(2)							
Aldrin	309-00-2	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(2)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(2)							
Atrazine	1912-24-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(2)							
Chlordane	57-74-9	mg/kg	(1)							
Chlordane	57-74-9	mg/kg	(2)							
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(2)							
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(2)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(2)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(2)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(2)							
Endrin	72-20-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(2)							
Endrin - TCLP	72-20-8TCLP	ug/L	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)							
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(2)							
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(2)							
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)							
Isodrin	465-73-6	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 / F-139-SS-023 / 8/31/2000 / 1 - 2 / 139SS-23B(1-2) / SO / (1)	139 / F-139-SS-024 / 4/23/2001 / 0 - 1 / 139SS-24A(0-1) / SO / (1)	139 / F-139-SS-025 / 4/23/2001 / 1 - 2 / 139SS-25B(1-2) / SO / (1)	139 / F-139-SS-025 / 5/24/2001 / 5 - 6 / 139SS-25C(5-6) / SO / (1)	139 / F-139-SS-026 / 4/23/2001 / 0 - 1 / 139SS-26A(0-1) / SO / (1)	139 / F-139-SS-027 / 4/25/2001 / 2 - 3 / 139SS-27C(2-3) / SO / (1)	139, Building 424 / F-424-S1-B-1 / 6/9/2004 / 0 - 1 / 424S1-B-1(0-1) / SO / (1)
Pesticides (continued)										
Isodrin	465-73-6	mg/kg	(2)							
Malathion	121-75-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(2)							
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)							
Mirex	2385-85-5	mg/kg	(1)							
Parathion	56-38-2	mg/kg	(1)							
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)							
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)							
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)							
Supona	470-90-6	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(2)							
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)							
Vapona	62-73-7	mg/kg	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)							< 15 UD
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)							< 15 UD
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)							< 15 UD
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)							< 15 UD
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)							< 15 UD
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)							< 15 UD
2,4-Dichlorophenol	120-83-2	mg/kg	(1)							< 15 UD
2,4-Dimethylphenol	105-67-9	mg/kg	(1)							< 15 UD
2,4-Dinitrophenol	51-28-5	mg/kg	(1)							< 73 UD
2,6-Dinitroaniline	606-22-4	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)							< 15 UD
2-Chlorophenol	95-57-8	mg/kg	(1)							< 15 UD
2-Methylnaphthalene	91-57-6	mg/kg	(1)							< 15 UD
2-Methylphenol	95-48-7	mg/kg	(1)							< 15 UD
2-Nitroaniline	88-74-4	mg/kg	(1)							< 73 UD
2-Nitrophenol	88-75-5	mg/kg	(1)							< 15 UD
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)							< 73 UD
3,5-Dinitroaniline	618-87-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)							< 73 UD
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)							< 73 UD
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)							< 15 UD
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)							< 15 UD
4-Chloroaniline	106-47-8	mg/kg	(1)							< 15 UD
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)							< 15 UD
4-Methylphenol	106-44-5	mg/kg	(1)							< 15 UD
4-Nitroaniline	100-01-6	mg/kg	(1)							< 73 UD
4-Nitrophenol	100-02-7	mg/kg	(1)							< 73 UD
Acenaphthene	83-32-9	mg/kg	(1)							< 15 UD
Acenaphthylene	208-96-8	mg/kg	(1)							< 15 UD
Aniline	62-53-3	mg/kg	(1)							< 15 UD
Anthracene	120-12-7	mg/kg	(1)							< 15 UD
Benz(a)anthracene	56-55-3	mg/kg	(1)							< 15 UD
Benzo(a)pyrene	50-32-8	mg/kg	(1)							0.98 JD
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)							2.9 JD
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)							< 15 UD
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)							< 15 UD

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-139-SS-023 8/31/2000 1 - 2 139SS-23B(1-2) SO (1)	139 F-139-SS-024 4/23/2001 0 - 1 139SS-24A(0-1) SO (1)	139 F-139-SS-025 4/23/2001 1 - 2 139SS-25B(1-2) SO (1)	139 F-139-SS-025 5/24/2001 5 - 6 139SS-25C(5-6) SO (1)	139 F-139-SS-026 4/23/2001 0 - 1 139SS-26A(0-1) SO (1)	139 F-139-SS-027 4/25/2001 2 - 3 139SS-27C(2-3) SO (1)	139, Building 424 F-424-S1-B-1 6/9/2004 0 - 1 424S1-B-1(0-1) SO (1)
SVOC (continued)										
Benzyl alcohol	100-51-6	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)							< 15 UD
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)							< 15 UD
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)							< 15 UD
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)							22 D
Butylbenzyl phthalate	85-68-7	mg/kg	(1)							< 15 UD
Carbazole	86-74-8	mg/kg	(1)							< 15 UD
Chrysene	218-01-9	mg/kg	(1)							2.1 JD
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)							< 15 UD
Dibenzofuran	132-64-9	mg/kg	(1)							< 15 UD
Dichlorobenzenes	25321-22-6	mg/kg	(1)							
Dicyclopentadiene	77-73-6	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)							< 15 UD
Dimethylphthalate	131-11-3	mg/kg	(1)							< 15 UD
di-n-Butylphthalate	84-74-2	mg/kg	(1)							5.2 JD
di-n-Octylphthalate	117-84-0	mg/kg	(1)							< 15 UD
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)							74 D
Fluoranthene	206-44-0	mg/kg	(1)							2.6 JD
Fluorene	86-73-7	mg/kg	(1)							< 15 UD
Hexachlorobenzene	118-74-1	mg/kg	(1)							< 15 UD
Hexachlorobutadiene	87-68-3	mg/kg	(1)							< 15 UD
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)							< 73 UD
Hexachloroethane	67-72-1	mg/kg	(1)							< 15 UD
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)							< 15 UD
Isophorone	78-59-1	mg/kg	(1)							< 15 UD
Naphthalene	91-20-3	mg/kg	(1)							< 15 UD
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)							< 15 UD
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)							74 D
Pentachlorophenol	87-86-5	mg/kg	(1)							< 15 UD
Phenanthrene	85-01-8	mg/kg	(1)							< 15 UD
Phenol	108-95-2	mg/kg	(1)							< 15 UD
Pyrene	129-00-0	mg/kg	(1)							2.7 JD
TCLP										
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)							
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)							
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)							
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)							
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)							
Benzene - TCLP	71-43-2TCLP	ug/L	(1)							
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)							
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)							
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)							
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)							
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)							
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-SS-023 Sample Date: 8/31/2000 Depth Interval: 1 - 2 Sample ID: 139SS-23B(1-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SS-024 Sample Date: 4/23/2001 Depth Interval: 0 - 1 Sample ID: 139SS-24A(0-1) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SS-025 Sample Date: 4/23/2001 Depth Interval: 1 - 2 Sample ID: 139SS-25B(1-2) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SS-025 Sample Date: 5/24/2001 Depth Interval: 5 - 6 Sample ID: 139SS-25C(5-6) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SS-026 Sample Date: 4/23/2001 Depth Interval: 0 - 1 Sample ID: 139SS-26A(0-1) Sample Matrix: SO	Site Name: 139 Location ID: F-139-SS-027 Sample Date: 4/25/2001 Depth Interval: 2 - 3 Sample ID: 139SS-27C(2-3) Sample Matrix: SO	Site Name: 139, Building 424 Location ID: F-424-S1-B-1 Sample Date: 6/9/2004 Depth Interval: 0 - 1 Sample ID: 424S1-B-1(0-1) Sample Matrix: SO
VOC (continued)										
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
1,3-Dichloropropane	142-28-9	mg/kg	(1)							
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)							
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acetonitrile	75-05-8	mg/kg	(1)							
Acrylonitrile	107-13-1	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dibromochloropropane	96-12-8	mg/kg	(1)							
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
m+p-Xylenes	XYL-MP	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
m-Xylenes	108-38-3	mg/kg	(1)							
o-Xylene	95-47-6	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Moisture	%Moist	%	(1)							56.9
% Solids	%Solid	%	(1)	72	79.6	77.7	85.6	86.8	46.8	43.7
% Solids	%Solid	%	(2)							
Cyanide	57-12-5	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139, Building 424 F-424-S1-B-2 7/15/2004 0 - 1 424S1-B-2(0-1) SO	139, Building 424 F-424-S1-B-3 8/30/2004 3 - 3 424S1-B-3(3-3) SO	139, Building 424 F-424-S1-B-4 9/27/2004 4 - 4 424S1-B-4(4-4) SO	139, Building 424 F-424-S1-SWE-1 7/15/2004 0 - 1 424S1-SWE-1(0-1) SO	139, Building 424 F-B424S-1 6/17/2004 0 - 1 B424S-1(0-1) SO	139 F-SB139-1 4/28/1994 0 - 1 SB139-1A(0-1) SO	139 F-SB139-1 4/28/1994 1 - 2 SB139-1B(1-2) SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.2 J	< 2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.16 J		
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U		
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.34 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.31		
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U		
HMX	2691-41-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	0.09 J	< 2 U	
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 1.8 U	
Nitrobenzene	98-95-3	mg/kg	(2)	< 0.48 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 1.14 U	
Nitrocellulose	9004-70-0	mg/kg	(1)	1930 QD	< 81.1 (U)GD	9.3	650 QD	1170 QD	125	
Nitroglycerin	55-63-0	mg/kg	(1)						< 0.51 U	
Nitroguanidine	556-88-7	mg/kg	(1)							
PETN	78-11-5	mg/kg	(1)						< 1 U	
RDX	121-82-4	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.28 U	
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 2.11 U	
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	1.9	< 1.6 U	< 0.25 U	< 0.25 U	0.13 JD	< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.25 U	< 0.25 U	< 0.38 U	< 0.37 U	0.06 J	< 2.5 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	0.07 J	< 0.25 U	< 0.25 U	< 0.37 U	0.09 J	< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.25 U	< 1.6 U	< 0.38 U	< 0.25 U	< 0.82 UD	< 2 U	
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)	4210	6100	7150	5230	724	16900	
Antimony	7440-36-0	mg/kg	(1)	0.85 J	< 4.8 U	0.34 J	0.31 J	0.74 J	< 1 U	
Arsenic	7440-38-2	mg/kg	(1)	5.8	5.1	0.89 J	3.7	3	5.61	
Barium	7440-39-3	mg/kg	(1)	101	160	28.5	25	69.2	83.8	
Beryllium	7440-41-7	mg/kg	(1)	< 0.72 U	0.57 J	0.4 J	< 0.57 U	< 0.62 U	0.57	
Cadmium	7440-43-9	mg/kg	(1)	1.3	0.75 J	< 0.23 U	< 0.23 U	0.94	< 1.2 U	
Calcium	7440-70-2	mg/kg	(1)	1860	9080	261 J	1270	4610	1700	
Chromium	7440-47-3	mg/kg	(1)	22.5	21.9	11.2	7.5	10.5	18.9	
Cobalt	7440-48-4	mg/kg	(1)	3.4 J	3.8 J	4.2 J	4.3 J	23.8	6.66	
Copper	7440-50-8	mg/kg	(1)	56	84.3	4.1	13.5	28.9	19.8	
Iron	7439-89-6	mg/kg	(1)	16600	13400	10100	16000	3650	33300	
Lead	7439-92-1	mg/kg	(1)	9080 D	2550	24.5	580	1560	90.5	
Magnesium	7439-95-4	mg/kg	(1)	1110	1060 J	1760	1480	502 J	2220	
Manganese	7439-96-5	mg/kg	(1)	160	125	70.2	67.2	23.9	146	
Mercury	7439-97-6	mg/kg	(1)	4.3 D	2.1	0.01 J	0.38	16.7 D	0.14	
Nickel	7440-02-0	mg/kg	(1)	17.9	16.2 J	9.9	13.8	8.7	10.9	
Potassium	7440-09-7	mg/kg	(1)	360 JE	427 J	243 J	542 J	273 J	758	
Selenium	7782-49-2	mg/kg	(1)	0.95	11.8	0.58	< 0.57 U	0.65	< 0.449 U	
Silver	7440-22-4	mg/kg	(1)	14.3	1.1 J	< 0.58 U	< 0.57 U	0.76	< 0.803 U	
Sodium	7440-23-5	mg/kg	(1)	< 720 U	< 2400 U	< 581 U	< 566 U	< 621 U	65.7	
Thallium	7440-28-0	mg/kg	(1)	1.2 J	< 4.8 U	< 1.2 U	< 1.1 U	< 1.2 U	< 34.3 U	
Vanadium	7440-62-2	mg/kg	(1)	19.5	30.1	15.1	23.6	2.3 J	33	
Zinc	7440-66-6	mg/kg	(1)	233	120	28.5	40	86.3	297	
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)						< 0.075 U	
Dithiane	51330-42-8	mg/kg	(1)						< 0.065 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139, Building 424 F-424-S1-B-2 7/15/2004 0 - 1 424S1-B-2(0-1) SO	139, Building 424 F-424-S1-B-3 8/30/2004 3 - 3 424S1-B-3(3-3) SO	139, Building 424 F-424-S1-B-4 9/27/2004 4 - 4 424S1-B-4(4-4) SO	139, Building 424 F-424-S1-SWE-1 7/15/2004 0 - 1 424S1-SWE-1(0-1) SO	139, Building 424 F-B424S-1 6/17/2004 0 - 1 B424S-1(0-1) SO	139 F-SB139-1 4/28/1994 0 - 1 SB139-1A(0-1) SO	139 F-SB139-1 4/28/1994 1 - 2 SB139-1B(1-2) SO
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.16 U	< 0.038 U		< 0.041 U	< 0.32 U	
Aroclor 1016	12674-11-2	mg/kg	(2)						< 0.1 U	
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.16 U	< 0.038 U		< 0.041 U	< 0.1 UT	
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.16 U	< 0.038 U		< 0.041 U	< 0.1 UT	
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.16 U	< 0.038 U		0.25	< 0.1 UT	
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.16 U	< 0.038 U		< 0.041 U	< 0.1 UT	
Aroclor 1254	11097-69-1	mg/kg	(1)		< 0.16 U	< 0.038 U		< 0.041 U	< 0.0479 UT	
Aroclor 1260	11096-82-5	mg/kg	(1)		0.05 J	< 0.038 U		< 0.041 U	< 0.0479 U	
Aroclor 1260	11096-82-5	mg/kg	(2)						< 0.79 U	
Aroclor 1262	37324-23-5	mg/kg	(1)						< 6.3 U	
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)						< 0.064 U	
4,4'-DDD	72-54-8	mg/kg	(2)						< 0.27 U	
4,4'-DDE	72-55-9	mg/kg	(1)						< 0.27 U	
4,4'-DDE	72-55-9	mg/kg	(2)						< 0.068 U	
4,4'-DDT	50-29-3	mg/kg	(1)						< 0.35 U	
4,4'-DDT	50-29-3	mg/kg	(2)						< 0.1 U	
Aldrin	309-00-2	mg/kg	(1)						< 0.14 U	
Aldrin	309-00-2	mg/kg	(2)						< 1.3 U	
alpha-BHC	319-84-6	mg/kg	(1)						< 0.28 U	
alpha-BHC	319-84-6	mg/kg	(2)						< 1.3 U	
Atrazine	1912-24-9	mg/kg	(1)						< 0.065 U	
beta-BHC	319-85-7	mg/kg	(1)						< 1.3 U	
beta-BHC	319-85-7	mg/kg	(2)						< 0.77 U	
Chlordane	57-74-9	mg/kg	(1)						< 0.68 U	
Chlordane	57-74-9	mg/kg	(2)						< 0.0684 U	
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)						< 0.21 U	
delta-BHC	319-86-8	mg/kg	(2)						< 0.85 U	
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)						< 0.079 U	
Dieldrin	60-57-1	mg/kg	(2)						< 0.16 U	
Endosulfan I	959-98-8	mg/kg	(1)						< 0.4 U	
Endosulfan I	959-98-8	mg/kg	(2)						< 0.1 U	
Endosulfan II	33213-65-9	mg/kg	(1)						< 2.4 U	
Endosulfan II	33213-65-9	mg/kg	(2)						< 0.07 U	
Endosulfan sulfate	1031-07-8	mg/kg	(1)						< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg	(2)						0.1 N	
Endrin	72-20-8	mg/kg	(1)						< 0.65 U	
Endrin	72-20-8	mg/kg	(2)						< 1.3 U	
Endrin - TCLP	72-20-8TCLP	ug/L	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)						< 1.8 U	
Endrin ketone	53494-70-5	mg/kg	(1)						< 0.05 UT	
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)						< 0.1 U	
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)							
Heptachlor	76-44-8	mg/kg	(1)						< 0.24 U	
Heptachlor	76-44-8	mg/kg	(2)						< 0.22 U	
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)						< 0.13 U	
Heptachlor epoxide	1024-57-3	mg/kg	(2)						< 0.48 U	
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)							
Isodrin	465-73-6	mg/kg	(1)						< 0.48 U	

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	139, Building 424 F-424-S1-B-2 7/15/2004 0 - 1 424S1-B-2(0-1) SO	139, Building 424 F-424-S1-B-3 8/30/2004 3 - 3 424S1-B-3(3-3) SO	139, Building 424 F-424-S1-B-4 9/27/2004 4 - 4 424S1-B-4(4-4) SO	139, Building 424 F-424-S1-SWE-1 7/15/2004 0 - 1 424S1-SWE-1(0-1) SO	139, Building 424 F-B424S-1 6/17/2004 0 - 1 B424S-1(0-1) SO	139 F-SB139-1 4/28/1994 0 - 1 SB139-1A(0-1) SO	139 F-SB139-1 4/28/1994 1 - 2 SB139-1B(1-2) SO
Pesticides (continued)										
Isodrin	465-73-6	mg/kg	(2)						< 0.3 U	
Malathion	121-75-5	mg/kg	(1)						< 0.18 U	
Methoxychlor	72-43-5	mg/kg	(1)						< 0.26 U	
Methoxychlor	72-43-5	mg/kg	(2)						< 0.0359 U	
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)							
Mirex	2385-85-5	mg/kg	(1)						< 0.14 U	
Parathion	56-38-2	mg/kg	(1)						< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)						< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)						< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)						< 0.32 U	
Supona	470-90-6	mg/kg	(1)						< 0.92 U	
Toxaphene	8001-35-2	mg/kg	(1)						< 12 U	
Toxaphene	8001-35-2	mg/kg	(2)						< 0.226 U	
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)							
Vapona	62-73-7	mg/kg	(1)						< 0.068 U	
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)						< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	0.25 J	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD	< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	(1)						< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.098 U	
2-Nitroaniline	88-74-4	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD		
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD	< 1.6 U	
3,5-Dinitroaniline	618-87-1	mg/kg	(1)						< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD	< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD	< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.93 U	
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD		
4-Nitrophenol	100-02-7	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD	< 3.3 U	
Acenaphthene	83-32-9	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.033 U	
Aniline	62-53-3	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD		
Anthracene	120-12-7	mg/kg	(1)	0.02 J	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.25 J	< 1.6 U	< 0.38 U	< 0.37 U	0.21 JD	< 0.041 U	
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.25 J	< 1.6 U	< 0.38 U	< 0.37 U	0.3 JD	< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.62	< 1.6 U	< 0.38 U	< 0.37 U	0.57 JD	< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.34 J	< 1.6 U	< 0.38 U	< 0.37 U	0.32 JD	< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.13 U	

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139, Building 424 Location ID: F-424-S1-B-2 Sample Date: 7/15/2004 Depth Interval: 0 - 1 Sample ID: 424S1-B-2(0-1) Sample Matrix: SO	Site Name: 139, Building 424 Location ID: F-424-S1-B-3 Sample Date: 8/30/2004 Depth Interval: 3 - 3 Sample ID: 424S1-B-3(3-3) Sample Matrix: SO	Site Name: 139, Building 424 Location ID: F-424-S1-B-4 Sample Date: 9/27/2004 Depth Interval: 4 - 4 Sample ID: 424S1-B-4(4-4) Sample Matrix: SO	Site Name: 139, Building 424 Location ID: F-424-S1-SWE-1 Sample Date: 7/15/2004 Depth Interval: 0 - 1 Sample ID: 424S1-SWE-1(0-1) Sample Matrix: SO	Site Name: 139, Building 424 Location ID: F-B424S-1 Sample Date: 6/17/2004 Depth Interval: 0 - 1 Sample ID: B424S-1(0-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SB139-1 Sample Date: 4/28/1994 Depth Interval: 0 - 1 Sample ID: SB139-1A(0-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SB139-1 Sample Date: 4/28/1994 Depth Interval: 1 - 2 Sample ID: SB139-1B(1-2) Sample Matrix: SO
SVOC (continued)										
Benzyl alcohol	100-51-6	mg/kg	(1)						< 0.032 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	1	< 1.6 U	< 0.38 U	< 0.37 (U)	0.22 JD	< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	0.02 J	< 1.6 U	< 0.38 U	< 0.37 U	0.2 JD	< 1.8 U	
Carbazole	86-74-8	mg/kg	(1)	0.02 J	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD		
Chrysene	218-01-9	mg/kg	(1)	0.52	< 1.6 U	< 0.38 U	< 0.37 U	0.6 JD	< 0.032 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.38 J	< 1.6 U	< 0.38 U	< 0.37 U	0.47 JD	< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.38 U	
Dichlorobenzenes	25321-22-6	mg/kg	(1)							< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)						< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	0.05 JD	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.063 U	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	0.62	< 1.6 U	< 0.38 U	< 0.37 U	0.13 JD	< 1.3 U	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.23 U	
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)	1.3	< 1.6 U	< 0.38 U	< 0.37 U	0.11 JD		
Fluoranthene	206-44-0	mg/kg	(1)	0.2 J	< 1.6 U	< 0.38 U	0.01 J	0.07 JD	< 0.032 U	
Fluorene	86-73-7	mg/kg	(1)	0.02 J	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 2.3 U	< 7.7 U	< 1.9 U	< 1.8 U	< 4 UD	< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.24 J	< 1.6 U	< 0.38 U	< 0.37 U	0.2 JD	< 2.4 U	
Isophorone	78-59-1	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.39 U	
Naphthalene	91-20-3	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)						< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	1.3	< 1.6 U	< 0.38 U	< 0.37 U	0.11 JD	< 0.29 U	
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.76 U	
Phenanthrene	85-01-8	mg/kg	(1)	0.09 J	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.032 U	
Phenol	108-95-2	mg/kg	(1)	< 0.48 U	< 1.6 U	< 0.38 U	< 0.37 U	< 0.82 UD	< 0.052 U	
Pyrene	129-00-0	mg/kg	(1)	0.17 J	< 1.6 U	< 0.38 U	< 0.37 U	0.06 JD	< 0.083 U	
TCLP										
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)							
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)							
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)							
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)							
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)							
Benzene - TCLP	71-43-2TCLP	ug/L	(1)							
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)							
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)							
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)							
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)							
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)							
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							< 0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)							< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)							< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)						< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg	(1)							< 0.32 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139, Building 424 F-424-S1-B-2 7/15/2004 0 - 1 424S1-B-2(0-1) SO	139, Building 424 F-424-S1-B-3 8/30/2004 3 - 3 424S1-B-3(3-3) SO	139, Building 424 F-424-S1-B-4 9/27/2004 4 - 4 424S1-B-4(4-4) SO	139, Building 424 F-424-S1-SWE-1 7/15/2004 0 - 1 424S1-SWE-1(0-1) SO	139, Building 424 F-B424S-1 6/17/2004 0 - 1 B424S-1(0-1) SO	139 F-SB139-1 4/28/1994 0 - 1 SB139-1A(0-1) SO	139 F-SB139-1 4/28/1994 1 - 2 SB139-1B(1-2) SO
VOC (continued)										
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)							< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	(1)							< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)						< 0.62 U	
2-Butanone	78-93-3	mg/kg	(1)							< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)							< 0.5 U
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							< 0.63 U
Acetone	67-64-1	mg/kg	(1)							< 3.3 U
Acetonitrile	75-05-8	mg/kg	(1)							
Acrylonitrile	107-13-1	mg/kg	(1)							< 2 U
Benzene	71-43-2	mg/kg	(1)							< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	(1)							< 0.2 U
Bromoform	75-25-2	mg/kg	(1)							< 0.2 U
Bromomethane	74-83-9	mg/kg	(1)							< 0.26 U
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							< 0.31 U
Chlorobenzene	108-90-7	mg/kg	(1)							< 0.1 U
Chloroethane	75-00-3	mg/kg	(1)							< 0.64 U
Chloroform	67-66-3	mg/kg	(1)							< 0.24 U
Chloromethane	74-87-3	mg/kg	(1)							< 0.96 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	(1)						< 0.071 U	
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							< 0.19 U
m+p-Xylenes	XYL-MP	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							< 4.4 U
m-Xylenes	108-38-3	mg/kg	(1)							< 0.23 U
o-Xylene	95-47-6	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							< 0.16 U
Toluene	108-88-3	mg/kg	(1)							< 0.1 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)							< 0.23 U
Vinyl chloride	75-01-4	mg/kg	(1)							< 1.8 U
Xylenes	1330-20-7	mg/kg	(1)							< 0.78 U
WetChem										
% Moisture	%Moist	%	(1)	32.2	75.3	15.6	16.5	17		
% Solids	%Solid	%	(1)	69.5	20.8	85.2	88.3	80.5		
% Solids	%Solid	%	(2)			86.1				
Cyanide	57-12-5	mg/kg	(1)						< 0.25 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-SB139-1 4/28/1994 2 - 4 SB139-1D(2-4) SO (1)	139 F-SS139-1 11/16/1993 .5 - 1 SS139-1B(0.5-1) SO (1)	139 F-SS139-1 11/16/1993 0 - .5 SS139-1A(0-0.5) SO (1)	139 F-SS139-2 11/16/1993 .5 - 1 SS139-2B(0.5-1) SO (1)	139 F-SS139-2 11/16/1993 0 - .5 SS139-2A(0-0.5) SO (1)	139 F-SS139-3 11/16/1993 .5 - 1 SS139-3B(0.5-1) SO (1)	139 F-SS139-3 11/16/1993 0 - .5 SS139-3A(0-0.5) SO (1)	139 F-SS139-4 11/16/1993 .5 - 1 SS139-4B(0.5-1) SO (1)
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U		< 0.922 U		< 0.922 U		< 0.922 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U		< 0.504 U		< 0.504 U		< 0.504 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U		< 2 U		< 2 U		< 2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								
2-Nitrotoluene	88-72-2	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U		< 0.34 U		< 0.34 U		< 0.34 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								
4-Nitrotoluene	99-99-0	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)	< 2 U		< 2 U		< 2 U		< 2 U	
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.14 U		< 1.14 UJ		< 1.8 U		< 1.8 U	
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.8 U		< 1.8 U		< 1.14 UJ		< 1.14 UJ	
Nitrocellulose	9004-70-0	mg/kg	(1)	83.9		346		54.4		312	
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 U		< 0.51 U		< 0.51 U		< 0.51 U	
Nitroguanidine	556-88-7	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)	< 1 U		< 1 U		< 1 U		< 1 U	
RDX	121-82-4	mg/kg	(1)	< 1.28 U		< 1.28 U		< 1.28 U		< 1.28 U	
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U		< 2.11 U		< 2.11 U		< 2.11 U	
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.4 U		< 1.4 U		< 2.5 U		< 1.4 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 2.5 U		< 2.5 U		< 1.4 U		< 2.5 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 2 U		< 0.32 U		< 2 U		< 0.32 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.32 U		< 2 U		< 0.32 U		< 2 U	
Herbicide											
2,4,5-T	93-76-5	mg/kg	(1)								
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)								
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)								
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)	13100		7510		11300		12600	
Antimony	7440-36-0	mg/kg	(1)	< 1 U		1.23		< 1 U		< 1 U	
Arsenic	7440-38-2	mg/kg	(1)	5.69		5.82		4.62		9.59	
Barium	7440-39-3	mg/kg	(1)	36.5		72.2		46.4		119	
Beryllium	7440-41-7	mg/kg	(1)	0.53		< 0.427 U		0.86		0.87	
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U		< 1.2 U		< 1.2 U		1.78	
Calcium	7440-70-2	mg/kg	(1)	1140		4790		3070		3070	
Chromium	7440-47-3	mg/kg	(1)	16.2		14.9		15.1		24.5	
Cobalt	7440-48-4	mg/kg	(1)	10.4		15.3		13.9		9.6	
Copper	7440-50-8	mg/kg	(1)	19.2		51.6		20.9		49.8	
Iron	7439-89-6	mg/kg	(1)	31700		63000 D		120000 D		33700	
Lead	7439-92-1	mg/kg	(1)	14		467		54.5		387	
Magnesium	7439-95-4	mg/kg	(1)	3270		2560		3120		3280	
Manganese	7439-96-5	mg/kg	(1)	349		326		636		302	
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U		70 D		0.33		3.6 D	
Nickel	7440-02-0	mg/kg	(1)	13		27		17.8		23.6	
Potassium	7440-09-7	mg/kg	(1)	886		401		727		917	
Selenium	7782-49-2	mg/kg	(1)	< 0.449 U		< 0.449 U		< 0.449 U		< 0.449 U	
Silver	7440-22-4	mg/kg	(1)	< 0.803 U		10.9		< 0.803 U		1.64	
Sodium	7440-23-5	mg/kg	(1)	82.7		71.1		< 38.7 U		86.6	
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U		< 34.3 U		58.5		< 34.3 U	
Vanadium	7440-62-2	mg/kg	(1)	24		22.3		24.8		37.8	
Zinc	7440-66-6	mg/kg	(1)	100		262		90		401	
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U		< 0.075 U		< 0.075 U		< 0.075 U	
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U	

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 F-SB139-1 4/28/1994 2 - 4 SB139-1D(2-4) SO	139 F-SS139-1 11/16/1993 .5 - 1 SS139-1B(0.5-1) SO	139 F-SS139-1 11/16/1993 0 - .5 SS139-1A(0-0.5) SO	139 F-SS139-2 11/16/1993 .5 - 1 SS139-2B(0.5-1) SO	139 F-SS139-2 11/16/1993 0 - .5 SS139-2A(0-0.5) SO	139 F-SS139-3 11/16/1993 .5 - 1 SS139-3B(0.5-1) SO	139 F-SS139-3 11/16/1993 0 - .5 SS139-3A(0-0.5) SO	139 F-SS139-4 11/16/1993 .5 - 1 SS139-4B(0.5-1) SO
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.32 U		< 0.1 U					
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)			< 0.1 UT					
Aroclor 1232	11141-16-5	mg/kg	(1)			< 0.1 UT					
Aroclor 1242	53469-21-9	mg/kg	(1)			< 0.1 UT					
Aroclor 1248	12672-29-6	mg/kg	(1)			< 0.1 UT					
Aroclor 1254	11097-69-1	mg/kg	(1)			< 0.0479 UT					
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.79 U		0.94					
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)	< 6.3 U							
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.064 U		< 0.064 U		< 0.064 U		< 0.064 U	
4,4'-DDD	72-54-8	mg/kg	(2)			< 0.27 U					
4,4'-DDE	72-55-9	mg/kg	(1)	< 0.068 U		0.03		< 0.068 U		< 0.068 U	
4,4'-DDE	72-55-9	mg/kg	(2)			< 0.068 U					
4,4'-DDT	50-29-3	mg/kg	(1)	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U	
4,4'-DDT	50-29-3	mg/kg	(2)			0.25 D					
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U		< 0.14 U		< 1.3 U		< 1.3 U	
Aldrin	309-00-2	mg/kg	(2)			< 1.3 U					
alpha-BHC	319-84-6	mg/kg	(1)	< 1.3 U		0.01 N		< 1.3 U		< 1.3 U	
alpha-BHC	319-84-6	mg/kg	(2)			< 1.3 U					
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U	
beta-BHC	319-85-7	mg/kg	(1)	< 1.3 U		< 0.77 U		< 1.3 U		< 1.3 U	
beta-BHC	319-85-7	mg/kg	(2)			< 1.3 U					
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U		< 0.68 U		< 0.68 U		< 0.68 U	
Chlordane	57-74-9	mg/kg	(2)			< 0.0684 U					
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)								
Dalapon	75-99-0	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)	< 0.21 U		< 0.85 U		< 0.21 U		< 0.21 U	
delta-BHC	319-86-8	mg/kg	(2)			< 0.21 U					
Dicamba	1918-00-9	mg/kg	(1)								
Dichloroprop	120-36-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U		< 0.079 U		< 0.079 U		< 0.079 U	
Dieldrin	60-57-1	mg/kg	(2)			0.87 N					
Endosulfan I	959-98-8	mg/kg	(1)	< 0.4 U		0.49		< 0.4 U		< 0.4 U	
Endosulfan I	959-98-8	mg/kg	(2)			< 0.4 U					
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U		< 0.07 U		< 2.4 U		< 2.4 U	
Endosulfan II	33213-65-9	mg/kg	(2)			< 2.4 U					
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U		0.07 N		< 1.2 U		< 1.2 U	
Endosulfan sulfate	1031-07-8	mg/kg	(2)			< 1.2 U					
Endrin	72-20-8	mg/kg	(1)	< 1.3 U		< 1.3 U		< 1.3 U		< 1.3 U	
Endrin	72-20-8	mg/kg	(2)			< 0.65 U					
Endrin - TCLP	72-20-8TCLP	ug/L	(1)								
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U	
Endrin ketone	53494-70-5	mg/kg	(1)			< 0.05 UT					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 U		0.79 N		< 0.1 U		< 0.1 U	
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)			< 0.1 U					
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)								
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U		< 0.22 U		< 0.24 U		< 0.24 U	
Heptachlor	76-44-8	mg/kg	(2)			< 0.24 U					
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U		< 0.48 U		< 0.48 U		< 0.48 U	
Heptachlor epoxide	1024-57-3	mg/kg	(2)			0.01 N					
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)								
Isodrin	465-73-6	mg/kg	(1)	< 0.48 U		< 0.48 U		< 0.48 U		< 0.48 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-SB139-1 4/28/1994 2 - 4 SB139-1D(2-4) SO	139 F-SS139-1 11/16/1993 .5 - 1 SS139-1B(0.5-1) SO	139 F-SS139-1 11/16/1993 0 - .5 SS139-1A(0-0.5) SO	139 F-SS139-2 11/16/1993 .5 - 1 SS139-2B(0.5-1) SO	139 F-SS139-2 11/16/1993 0 - .5 SS139-2A(0-0.5) SO	139 F-SS139-3 11/16/1993 .5 - 1 SS139-3B(0.5-1) SO	139 F-SS139-3 11/16/1993 0 - .5 SS139-3A(0-0.5) SO	139 F-SS139-4 11/16/1993 .5 - 1 SS139-4B(0.5-1) SO
Pesticides (continued)											
Isodrin	465-73-6	mg/kg	(2)			0.01 N					
Malathion	121-75-5	mg/kg	(1)	< 0.18 U		< 0.18 U		< 0.18 U		< 0.18 U	
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U		< 0.26 U		< 0.26 U		< 0.26 U	
Methoxychlor	72-43-5	mg/kg	(2)			< 0.0359 U					
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)								
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U		< 0.14 U		< 0.14 U		< 0.14 U	
Parathion	56-38-2	mg/kg	(1)	< 1.7 U		< 1.7 U		< 1.7 U		< 1.7 U	
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U		< 0.097 U		< 0.097 U		< 0.097 U	
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U		< 0.066 U		< 0.066 U		< 0.066 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U	
Supona	470-90-6	mg/kg	(1)	< 0.92 U		< 0.92 U		< 0.92 U		< 0.92 U	
Toxaphene	8001-35-2	mg/kg	(1)	< 12 U		< 12 U		< 12 U		< 12 U	
Toxaphene	8001-35-2	mg/kg	(2)			< 0.226 U					
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)								
Vapona	62-73-7	mg/kg	(1)	< 0.068 U		< 0.068 U		< 0.068 U		< 0.068 U	
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U		< 0.22 U		< 0.22 U		< 0.22 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U		< 0.042 U		< 0.042 U		< 0.042 U	
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U		< 0.52 U		< 0.52 U		< 0.52 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)	< 0.14 U							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U		< 0.034 U		< 0.034 U		< 0.034 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U		< 0.49 U		< 0.49 U		< 0.49 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U		< 0.061 U		< 0.061 U		< 0.061 U	
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U		< 3 U		< 3 U		< 3 U	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U		< 4.7 U		< 4.7 U		< 4.7 U	
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U		< 0.57 U		< 0.57 U		< 0.57 U	
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U	
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U		< 0.055 U		< 0.055 U		< 0.055 U	
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		< 0.032 U	
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U		< 0.098 U		< 0.098 U		< 0.098 U	
2-Nitroaniline	88-74-4	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U		< 1.6 U		< 1.6 U		< 1.6 U	
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U		< 1.6 U		< 1.6 U		< 1.6 U	
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U		< 3 U		< 3 U		< 3 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U		< 0.8 U		< 0.8 U		< 0.8 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U		< 0.041 U		< 0.041 U		< 0.041 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U		< 0.93 U		< 0.93 U		< 0.93 U	
4-Chloroaniline	106-47-8	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U		< 0.17 U		< 0.17 U		< 0.17 U	
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#		< 0.24 U#		< 0.24 U#		< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U		< 3.3 U		< 3.3 U		< 3.3 U	
Acenaphthene	83-32-9	mg/kg	(1)	< 0.041 U		0.09		< 0.041 U		< 0.041 U	
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U		< 0.033 U		< 0.033 U		< 0.033 U	
Aniline	62-53-3	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U		< 0.71 U		< 0.71 U		< 0.71 U	
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.041 U		0.43		0.12		0.25	
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U		< 1.2 U		< 1.2 U		< 1.2 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.31 U		< 0.31 U		< 0.31 U		< 0.31 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.18 U		< 0.18 U		< 0.18 U		< 0.18 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U		0.35		< 0.13 U		< 0.13 U	

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 F-SB139-1 4/28/1994 2 - 4 SB139-1D(2-4) SO	139 F-SS139-1 11/16/1993 .5 - 1 SS139-1B(0.5-1) SO	139 F-SS139-1 11/16/1993 0 - .5 SS139-1A(0-0.5) SO	139 F-SS139-2 11/16/1993 .5 - 1 SS139-2B(0.5-1) SO	139 F-SS139-2 11/16/1993 0 - .5 SS139-2A(0-0.5) SO	139 F-SS139-3 11/16/1993 .5 - 1 SS139-3B(0.5-1) SO	139 F-SS139-3 11/16/1993 0 - .5 SS139-3A(0-0.5) SO	139 F-SS139-4 11/16/1993 .5 - 1 SS139-4B(0.5-1) SO
SVOC (continued)											
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		0.05	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U		< 0.19 U		< 0.19 U		< 0.19 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U		< 0.36 U		< 0.36 U		< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U		< 0.44 U		< 0.44 U		< 0.44 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U		3.8		< 0.48 U		< 0.48 U	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U	
Carbazole	86-74-8	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)	< 0.032 U		0.48		0.17		0.59	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U		< 0.31 U		< 0.31 U		< 0.31 U	
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U		< 0.38 U		< 0.38 U		< 0.38 U	
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U		< 0.57 U		< 0.57 U		< 0.57 U	
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U		< 0.063 U		< 0.063 U		1	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.3 U		2.8		< 1.3 U		2.7	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U	
Dinoseb	88-85-7	mg/kg	(1)								
Diphenylamine	122-39-4	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)	0.03		0.59		0.11		0.19	
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U		0.14		< 0.065 U		< 0.065 U	
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U		< 0.08 U		< 0.08 U		< 0.08 U	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U		< 0.97 U		< 0.97 U		< 0.97 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U		< 0.52 U		< 0.52 U		< 0.52 U	
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U		< 2.4 U		< 2.4 U		< 2.4 U	
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U		< 0.39 U		< 0.39 U		< 0.39 U	
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U		< 0.74 U		< 0.74 U		< 0.74 U	
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U		< 0.46 U		< 0.46 U		< 0.46 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U		< 0.29 U		< 0.29 U		< 0.29 U	
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U		< 0.76 U		< 0.76 U		< 0.76 U	
Phenanthrene	85-01-8	mg/kg	(1)	< 0.032 U		0.9		0.1		0.18	
Phenol	108-95-2	mg/kg	(1)	< 0.052 U		< 0.052 U		< 0.052 U		< 0.052 U	
Pyrene	129-00-0	mg/kg	(1)	< 0.083 U		0.64		0.18		0.47	
TCLP											
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)								
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)								
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)								
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)								
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)								
Benzene - TCLP	71-43-2TCLP	ug/L	(1)								
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)								
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)								
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)								
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)								
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U	< 0.33 U		< 0.33 U		< 0.33 U		< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U	< 0.49 U		< 0.49 U		< 0.49 U		< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U	< 0.27 U		< 0.27 U		< 0.27 U		< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		< 0.032 U	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-SB139-1 Sample Date: 4/28/1994 Depth Interval: 2 - 4 Sample ID: SB139-1D(2-4) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-1 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-1B(0.5-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-1 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-1A(0-0.5) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-2 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-2B(0.5-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-2 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-2A(0-0.5) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-3 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-3B(0.5-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-3 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-3A(0-0.5) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-4 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-4B(0.5-1) Sample Matrix: SO
VOC (continued)											
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U	< 0.53 U		< 0.53 U		< 0.53 U		< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U		< 0.62 U		< 0.62 U		< 0.62 U	
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U	< 4.3 U		< 4.3 U		< 4.3 U		< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U	< 0.5 U		< 0.5 U		< 0.5 U		< 0.5 U
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U	< 0.63 U		< 0.63 U		< 0.63 U		< 0.63 U
Acetone	67-64-1	mg/kg	(1)	< 3.3 U	< 3.3 U		< 3.3 U		< 3.3 U		< 3.3 U
Acetonitrile	75-05-8	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U	< 2 U		< 2 U		< 2 U		< 2 U
Benzene	71-43-2	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
Bromoform	75-25-2	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U		< 0.2 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.26 U	< 0.26 U		< 0.26 U		< 0.26 U		< 0.26 U
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.31 U	< 0.31 U		< 0.31 U		< 0.31 U		< 0.31 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.64 U	< 0.64 U		< 0.64 U		< 0.64 U		< 0.64 U
Chloroform	67-66-3	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.96 U	< 0.96 U		< 0.96 U		< 0.96 U		< 0.96 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.25 U	< 0.25 U		< 0.25 U		< 0.25 U		< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U		< 0.071 U		< 0.071 U		< 0.071 U	
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.19 U	< 0.19 U		< 0.19 U		< 0.19 U		< 0.19 U
m+p-Xylenes	XYL-MP	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)	< 4.4 U	< 4.4 U		< 4.4 U		< 4.4 U		< 4.4 U
m-Xylenes	108-38-3	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
o-Xylene	95-47-6	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.16 U	< 0.16 U		< 0.16 U		< 0.16 U		< 0.16 U
Toluene	108-88-3	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.78 U	< 0.78 U		< 0.78 U		< 0.78 U		< 0.78 U
WetChem											
% Moisture	%Moist	%	(1)								
% Solids	%Solid	%	(1)								
% Solids	%Solid	%	(2)								
Cyanide	57-12-5	mg/kg	(1)	< 0.25 U		< 0.25 U		< 0.25 U		< 0.25 U	

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 F-SS139-4 11/16/1993 0 - .5 SS139-4A(0-0.5) SO	139 F-SS139-5 11/16/1993 .5 - 1 SS139-5B(0.5-1) SO	139 F-SS139-5 11/16/1993 0 - .5 SS139-5A(0-0.5) SO	139 F-SS139-6 11/16/1993 .5 - 1 SS139-6B(0.5-1) SO	139 F-SS139-6 11/16/1993 0 - .5 SS139-6A(0-0.5) SO	139 F-SS139-6 11/16/1993 0 - 1 SS139-6BD(0-1) SO	139 F-SS139-7 11/16/1993 .5 - 1 SS139-7B(0.5-1) SO	139 F-SS139-7 11/16/1993 0 - .5 SS139-7A(0-0.5) SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U		< 0.922 U		< 0.922 U	< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U		< 0.504 U		< 0.504 U	< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U		< 2 U		< 2 U	< 2 U		< 2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								
2-Nitrotoluene	88-72-2	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U		< 0.34 U					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								
4-Nitrotoluene	99-99-0	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)	< 2 U		< 2 U		30	24		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.14 UJ		< 1.8 U		< 1.14 U	< 1.14 U		< 1.14 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.8 U		< 1.14 UJ					
Nitrocellulose	9004-70-0	mg/kg	(1)	850 D		498		19000 D	24000 D		99.3
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 U		< 0.51 U		8.68	16.4		< 0.51 U
Nitroguanidine	556-88-7	mg/kg	(1)								
PETN	78-11-5	mg/kg	(1)	< 1 U		< 1 U		< 1 U	< 1 U		< 1 U
RDX	121-82-4	mg/kg	(1)	< 1.28 U		< 1.28 U		< 1.28 U	< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U		< 2.11 U		< 2.11 U	< 2.11 U		< 2.11 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.4 U		< 2.5 U		4.84 NE	< 2.5 U		< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 2.5 U		< 1.4 U					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.32 U		< 0.32 U		< 2 U	< 2 U		< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 2 U		< 2 U					
Herbicide											
2,4,5-T	93-76-5	mg/kg	(1)								
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)								
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)								
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)	9360		14500		16400	13600		25500
Antimony	7440-36-0	mg/kg	(1)	3.25		< 1 U		< 1 U	1.42		< 1 U
Arsenic	7440-38-2	mg/kg	(1)	6.48		13.5		9.46	11.6		11.2
Barium	7440-39-3	mg/kg	(1)	221		117		282	140		55.2
Beryllium	7440-41-7	mg/kg	(1)	< 0.427 U		4.08		1.71	1.68		0.85
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U		< 1.2 U		2.22	2.33		< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	2300		14400		3200	3250		1270
Chromium	7440-47-3	mg/kg	(1)	26.5		21.9		55.1	28.1		27.5
Cobalt	7440-48-4	mg/kg	(1)	5.44		22.1		12.1	18.2		18.4
Copper	7440-50-8	mg/kg	(1)	121		116		132	69.3		18.8
Iron	7439-89-6	mg/kg	(1)	24200		21400		37600	22700		63100
Lead	7439-92-1	mg/kg	(1)	24000 D		700		653	398		27.2
Magnesium	7439-95-4	mg/kg	(1)	1790		2650		5670	2880		2820
Manganese	7439-96-5	mg/kg	(1)	100		313		467	609		543
Mercury	7439-97-6	mg/kg	(1)	4.3 D		2.59		3 D	1.7 D		0.18
Nickel	7440-02-0	mg/kg	(1)	58.4		76.7		27.8	25.4		20.6
Potassium	7440-09-7	mg/kg	(1)	708		< 131 U		1020	578		1190
Selenium	7782-49-2	mg/kg	(1)	1.42		5.46		1.11	1.03		< 0.449 U
Silver	7440-22-4	mg/kg	(1)	2.62		< 0.803 U		1.78	< 0.803 U		1.18
Sodium	7440-23-5	mg/kg	(1)	< 38.7 U		219		112	78.7		60.9
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U		< 34.3 U		< 34.3 U	< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	85.6		45.6		25.9	21.6		39.8
Zinc	7440-66-6	mg/kg	(1)	168		257		606	391		71.1
Other											
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U		< 0.075 U					
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U		< 0.065 U					

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 F-SS139-4 11/16/1993 0 - .5 SS139-4A(0-0.5) SO	139 F-SS139-5 11/16/1993 .5 - 1 SS139-5B(0.5-1) SO	139 F-SS139-5 11/16/1993 0 - .5 SS139-5A(0-0.5) SO	139 F-SS139-6 11/16/1993 .5 - 1 SS139-6B(0.5-1) SO	139 F-SS139-6 11/16/1993 0 - .5 SS139-6A(0-0.5) SO	139 F-SS139-6 11/16/1993 0 - 1 SS139-6BD(0-1) SO	139 F-SS139-7 11/16/1993 .5 - 1 SS139-7B(0.5-1) SO	139 F-SS139-7 11/16/1993 0 - .5 SS139-7A(0-0.5) SO
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)					< 1 UD	< 1 UD		
Aroclor 1016	12674-11-2	mg/kg	(2)								
Aroclor 1221	11104-28-2	mg/kg	(1)					< 1 UTD	< 1 UTD		
Aroclor 1232	11141-16-5	mg/kg	(1)					< 1 UTD	< 1 UTD		
Aroclor 1242	53469-21-9	mg/kg	(1)					< 1 UTD	< 1 UTD		
Aroclor 1248	12672-29-6	mg/kg	(1)					< 1 UTD	< 1 UTD		
Aroclor 1254	11097-69-1	mg/kg	(1)					< 0.48 UTD	< 0.48 UTD		
Aroclor 1260	11096-82-5	mg/kg	(1)					14 D	16 D		
Aroclor 1260	11096-82-5	mg/kg	(2)								
Aroclor 1262	37324-23-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.064 U		< 0.064 U		< 1.3 ND	< 0.27 UD		
4,4'-DDD	72-54-8	mg/kg	(2)								
4,4'-DDE	72-55-9	mg/kg	(1)	< 0.068 U		< 0.068 U		0.82 D	1.2 D		
4,4'-DDE	72-55-9	mg/kg	(2)								
4,4'-DDT	50-29-3	mg/kg	(1)	< 0.1 U		< 0.1 U		4.4 D	8.2 D		
4,4'-DDT	50-29-3	mg/kg	(2)								
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U		< 1.3 U		< 0.014 UD	< 0.014 UD		
Aldrin	309-00-2	mg/kg	(2)								
alpha-BHC	319-84-6	mg/kg	(1)	< 1.3 U		< 1.3 U		< 0.93 ND	< 0.99 ND		
alpha-BHC	319-84-6	mg/kg	(2)								
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U		< 0.065 U					
beta-BHC	319-85-7	mg/kg	(1)	< 1.3 U		< 1.3 U		< 0.077 UD	< 0.077 UD		
beta-BHC	319-85-7	mg/kg	(2)								
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U		< 0.68 U		< 0.68 UD	< 0.68 UD		
Chlordane	57-74-9	mg/kg	(2)								
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)								
Dalapon	75-99-0	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)	< 0.21 U		< 0.21 U		< 0.085 UD	< 0.085 UD		
delta-BHC	319-86-8	mg/kg	(2)								
Dicamba	1918-00-9	mg/kg	(1)								
Dichloroprop	120-36-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U		< 0.079 U		< 0.016 UD	< 0.016 UD		
Dieldrin	60-57-1	mg/kg	(2)								
Endosulfan I	959-98-8	mg/kg	(1)	< 0.4 U		< 0.4 U		< 0.01 UD	< 0.01 UD		
Endosulfan I	959-98-8	mg/kg	(2)								
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U		< 2.4 U		< 0.7 UD	< 0.7 UD		
Endosulfan II	33213-65-9	mg/kg	(2)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U		< 1.2 U		< 0.5 UTD	< 0.5 UTD		
Endosulfan sulfate	1031-07-8	mg/kg	(2)								
Endrin	72-20-8	mg/kg	(1)	< 1.3 U		< 1.3 U		< 0.065 UD	< 0.065 UD		
Endrin	72-20-8	mg/kg	(2)								
Endrin - TCLP	72-20-8TCLP	ug/L	(1)								
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U		< 1.8 U					
Endrin ketone	53494-70-5	mg/kg	(1)					< 0.5 UTD	< 0.5 UTD		
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 U		< 0.1 U		< 0.02 ND	< 0.01 UD		
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)								
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)								
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.022 UD	< 0.022 UD		
Heptachlor	76-44-8	mg/kg	(2)								
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U		< 0.48 U		< 0.11 ND	< 0.13 ND		
Heptachlor epoxide	1024-57-3	mg/kg	(2)								
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)								
Isodrin	465-73-6	mg/kg	(1)	< 0.48 U		< 0.48 U		< 0.65 ND	< 0.75 ND		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 F-SS139-4 11/16/1993 0 - .5 SS139-4A(0-0.5) SO	139 F-SS139-5 11/16/1993 .5 - 1 SS139-5B(0.5-1) SO	139 F-SS139-5 11/16/1993 0 - .5 SS139-5A(0-0.5) SO	139 F-SS139-6 11/16/1993 .5 - 1 SS139-6B(0.5-1) SO	139 F-SS139-6 11/16/1993 0 - .5 SS139-6A(0-0.5) SO	139 F-SS139-6 11/16/1993 0 - 1 SS139-6BD(0-1) SO	139 F-SS139-7 11/16/1993 .5 - 1 SS139-7B(0.5-1) SO	139 F-SS139-7 11/16/1993 0 - .5 SS139-7A(0-0.5) SO
Pesticides (continued)											
Isodrin	465-73-6	mg/kg	(2)								
Malathion	121-75-5	mg/kg	(1)	< 0.18 U		< 0.18 U					
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U		< 0.26 U		< 0.36 UD	< 0.36 UD		
Methoxychlor	72-43-5	mg/kg	(2)								
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)								
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U		< 0.14 U					
Parathion	56-38-2	mg/kg	(1)	< 1.7 U		< 1.7 U					
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U		< 0.097 U					
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U		< 0.066 U					
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U		< 0.32 U					
Supona	470-90-6	mg/kg	(1)	< 0.92 U		< 0.92 U					
Toxaphene	8001-35-2	mg/kg	(1)	< 12 U		< 12 U		< 2.3 UD	< 2.3 UD		
Toxaphene	8001-35-2	mg/kg	(2)								
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)								
Vapona	62-73-7	mg/kg	(1)	< 0.068 U		< 0.068 U					
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.2 U		< 0.2 U		< 0.2 U	< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U		< 0.22 U					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U		< 0.042 U					
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U		< 0.52 U					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U		< 0.14 U	< 0.14 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U		< 0.034 U					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U		< 0.49 U					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U		< 0.061 U					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U		< 0.065 U					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U		< 3 U					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U		< 4.7 U					
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U		< 0.57 U					
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U		< 0.24 U					
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U		< 0.055 U					
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U		< 0.032 U					
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U		< 0.098 U					
2-Nitroaniline	88-74-4	mg/kg	(1)								
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U		< 1.1 U					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U		< 1.6 U					
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U		< 1.6 U					
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U		< 3 U					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U		< 0.8 U					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U		< 0.041 U					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U		< 0.93 U					
4-Chloroaniline	106-47-8	mg/kg	(1)								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U		< 0.17 U					
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#		< 0.24 U#					
4-Nitroaniline	100-01-6	mg/kg	(1)								
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U		< 3.3 U					
Acenaphthene	83-32-9	mg/kg	(1)	< 0.041 U		< 0.041 U					
Acenaphthylene	208-96-8	mg/kg	(1)	0.11		< 0.033 U					
Aniline	62-53-3	mg/kg	(1)								
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U		< 0.71 U					
Benz(a)anthracene	56-55-3	mg/kg	(1)	2.9		< 0.041 U					
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U		< 1.2 U					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	2.9		< 0.31 U					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	1.5		< 0.18 U					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.96		< 0.13 U					

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 F-SS139-4 11/16/1993 0 - .5 SS139-4A(0-0.5) SO	139 F-SS139-5 11/16/1993 .5 - 1 SS139-5B(0.5-1) SO	139 F-SS139-5 11/16/1993 0 - .5 SS139-5A(0-0.5) SO	139 F-SS139-6 11/16/1993 .5 - 1 SS139-6B(0.5-1) SO	139 F-SS139-6 11/16/1993 0 - .5 SS139-6A(0-0.5) SO	139 F-SS139-6 11/16/1993 0 - 1 SS139-6BD(0-1) SO	139 F-SS139-7 11/16/1993 .5 - 1 SS139-7B(0.5-1) SO	139 F-SS139-7 11/16/1993 0 - .5 SS139-7A(0-0.5) SO
SVOC (continued)											
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U		< 0.032 U					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U		< 0.19 U					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U		< 0.36 U					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U		< 0.44 U					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U		< 0.48 U					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U		< 1.8 U					
Carbazole	86-74-8	mg/kg	(1)								
Chrysene	218-01-9	mg/kg	(1)	5.7		< 0.032 U					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	1.3		< 0.31 U					
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U		< 0.38 U					
Dichlorobenzenes	25321-22-6	mg/kg	(1)		< 0.2 U		< 0.2 U		< 0.2 U	< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U		< 0.57 U					
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U		< 0.24 U					
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U		< 0.063 U					
di-n-Butylphthalate	84-74-2	mg/kg	(1)	3.8		8.6					
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U		< 0.23 U					
Dinoseb	88-85-7	mg/kg	(1)								
Diphenylamine	122-39-4	mg/kg	(1)								
Fluoranthene	206-44-0	mg/kg	(1)	0.53		< 0.032 U					
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U		< 0.065 U					
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U		< 0.08 U					
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U		< 0.97 U					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U		< 0.52 U					
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U		< 1.8 U					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U		< 2.4 U					
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U		< 0.39 U					
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U		< 0.74 U					
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U		< 0.46 U					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U		< 1.1 U					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U		< 0.29 U					
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U		< 0.76 U					
Phenanthrene	85-01-8	mg/kg	(1)	0.31		< 0.032 U					
Phenol	108-95-2	mg/kg	(1)	< 0.052 U		< 0.052 U					
Pyrene	129-00-0	mg/kg	(1)	1		< 0.083 U					
TCLP											
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)								
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)								
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)								
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)								
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)								
Benzene - TCLP	71-43-2TCLP	ug/L	(1)								
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)								
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)								
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)								
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)								
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.2 U		< 0.2 U		< 0.2 U	< 0.2 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.33 U		< 0.33 U		< 0.33 U	< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.49 U		< 0.49 U		< 0.49 U	< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.27 U		< 0.27 U		< 0.27 U	< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U		< 0.032 U					
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.32 U		< 0.32 U		< 0.32 U	< 0.32 U	

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-SS139-4 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-4A(0-0.5) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-5 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-5B(0.5-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-5 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-5A(0-0.5) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-6 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-6B(0.5-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-6 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-6A(0-0.5) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-6 Sample Date: 11/16/1993 Depth Interval: 0 - 1 Sample ID: SS139-6BD(0-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-7 Sample Date: 11/16/1993 Depth Interval: .5 - 1 Sample ID: SS139-7B(0.5-1) Sample Matrix: SO	Site Name: 139 Location ID: F-SS139-7 Sample Date: 11/16/1993 Depth Interval: 0 - .5 Sample ID: SS139-7A(0-0.5) Sample Matrix: SO
VOC (continued)											
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)		< 0.32 U		< 0.32 U		< 0.32 U	< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.53 U		< 0.53 U		< 0.53 U	< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)		< 0.2 U		< 0.2 U		< 0.2 U	< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U		< 0.62 U					
2-Butanone	78-93-3	mg/kg	(1)		< 4.3 U		< 4.3 U		< 4.3 U	< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)		< 0.5 U		< 0.5 U		< 0.5 U	< 0.5 U	
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 0.63 U		< 0.63 U		< 0.63 U	< 0.63 U	
Acetone	67-64-1	mg/kg	(1)		< 3.3 U		< 3.3 U		< 3.3 U	< 3.3 U	
Acetonitrile	75-05-8	mg/kg	(1)								
Acrylonitrile	107-13-1	mg/kg	(1)		< 2 U		< 2 U		< 2 U	< 2 U	
Benzene	71-43-2	mg/kg	(1)		< 0.1 U		< 0.1 U		< 0.1 U	< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.2 U		< 0.2 U		< 0.2 U	< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)		< 0.2 U		< 0.2 U		< 0.2 U	< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)		< 0.26 U		< 0.26 U		< 0.26 U	< 0.26 U	
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.31 U		< 0.31 U		< 0.31 U	< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.1 U		< 0.1 U		< 0.1 U	< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)		< 0.64 U		< 0.64 U		< 0.64 U	< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)		< 0.24 U		< 0.24 U		< 0.24 U	< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)		< 0.96 U		< 0.96 U		< 0.96 U	< 0.96 U	
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.25 U		< 0.25 U		< 0.25 U	< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U		< 0.071 U					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.19 U		< 0.19 U		< 0.19 U	< 0.19 U	
m+p-Xylenes	XYL-MP	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)		< 4.4 U		< 4.4 U		< 4.4 U	< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)		< 0.23 U		< 0.23 U		< 0.23 U	< 0.23 U	
o-Xylene	95-47-6	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.16 U		< 0.16 U		< 0.16 U	< 0.16 U	
Toluene	108-88-3	mg/kg	(1)		< 0.1 U		< 0.1 U		< 0.1 U	< 0.1 U	
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)		< 0.23 U		< 0.23 U		< 0.23 U	< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.23 U		< 0.23 U		< 0.23 U	< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)		< 1.8 U		< 1.8 U		< 1.8 U	< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)		< 0.78 U		< 0.78 U		< 0.78 U	< 0.78 U	
WetChem											
% Moisture	%Moist	%	(1)								
% Solids	%Solid	%	(1)								
% Solids	%Solid	%	(2)								
Cyanide	57-12-5	mg/kg	(1)	< 0.25 U		< 0.25 U		0.81 J	0.72 J		< 0.25 UJ

Chemical Name	CAS No	Unit	Sample Matrix ValueNo	Site Name: 139 Location ID: F-139-SW-003 Sample Date: 9/6/2000 Depth Interval Sample ID: 139SW-3(20000906) WS	Site Name: 139 Location ID: F-139-SW-004 Sample Date: 9/6/2000 Depth Interval Sample ID: 139SW-4(20000906) WS	Site Name: 139 Location ID: F-139-SW-007 Sample Date: 9/6/2000 Depth Interval Sample ID: 139SW-7(20000906) WS	Site Name: 139 Location ID: F-139-SW-008 Sample Date: 9/19/2000 Depth Interval Sample ID: 139SW-8(20000919) WS	Site Name: 139 Location ID: F-139-SW-009 Sample Date: 9/19/2000 Depth Interval Sample ID: 139SW-9(20000919) WS	Site Name: 139 Location ID: F-139-SW-010A Sample Date: 9/25/2000 Depth Interval Sample ID: 139SW-10(20000925) WS	Site Name: 139 Location ID: F-139-SW-010A Sample Date: 9/25/2000 Depth Interval Sample ID: 139SW-10DUP(20000925) WS
Explosives										
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
HMX	2691-41-0	ug/L	(1)	< 1 U	0.47 J	< 1 U	< 1 U	< 1 (U)	< 1 U	< 1 U
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 10 U
Nitrobenzene	98-95-3	ug/L	(2)				< 10 U	< 1 U	< 10 U	< 1 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U	< 500 U	< 500 U	400 J	< 500 U	2200	< 500 U
Nitroglycerin	55-63-0	ug/L	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
PETN	78-11-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
RDX	121-82-4	ug/L	(1)	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 10 U	< 0.1 U	< 0.1 U	< 10 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				< 0.1 U	< 10 U	< 10 U	< 0.1 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				< 10 U	< 10 U	< 10 U	< 10 U
Metals										
Aluminum	7429-90-5	ug/L	(1)	120	130	1600	10100 J	1000 J	14700 J	1800 J
Antimony	7440-36-0	ug/L	(1)	< 10 U	2.6 J	< 10 U	6.3 J	< 10 U	5.3 J	< 10 U
Arsenic	7440-38-2	ug/L	(1)	< 4.1 U	< 4.1 U	< 4.1 U	23	< 4.1 U	14	< 4.1 U
Barium	7440-39-3	ug/L	(1)	59 J	41 J	33 J	290	40 J	420	71 J
Beryllium	7440-41-7	ug/L	(1)	< 2 U	< 2 U	< 2 U	0.78 J	< 2 U	1.8 J	< 2 U
Cadmium	7440-43-9	ug/L	(1)	0.37 J	0.29 J	0.35 J	7.5	0.32 J	2.4	0.33 J
Calcium	7440-70-2	ug/L	(1)	13400	25500	10400	39400	18900	32800 J	16600 J
Chromium	7440-47-3	ug/L	(1)	< 10 U	< 10 U	2.9 J	35	< 10 U	22	2 J
Cobalt	7440-48-4	ug/L	(1)	6.5 J	7 J	3.7 J	26 J	2.2 J	25 J	4 J
Copper	7440-50-8	ug/L	(1)	5.3 J	9.6 J	20 J	310	7.2 J	260 J	49 J
Iron	7439-89-6	ug/L	(1)	11100	2400	3300	23500	7700	39200 J	5700 J
Lead	7439-92-1	ug/L	(1)	6.5	4.2	64	1900	15	830 J	120 J
Magnesium	7439-95-4	ug/L	(1)	1300 J	5400	2800 J	6500	5500	6300	4100 J
Manganese	7439-96-5	ug/L	(1)	150	84	180	630	61	800 J	160 J
Mercury	7439-97-6	ug/L	(1)	< 0.2 U	< 0.2 U	0.61	53 D	< 0.13 U	1.2 J	0.23 J
Nickel	7440-02-0	ug/L	(1)	< 40 U	14 J	12 J	< 40 R	< 40 R	130	23 J
Potassium	7440-09-7	ug/L	(1)	3500 J	1300 J	700 J	2400 J	1700 J	2500 J	1200 J
Selenium	7782-49-2	ug/L	(1)	< 5 U	< 5 U	< 5 U	7	< 5 U	7.4	< 5 U
Silver	7440-22-4	ug/L	(1)	< 4 U	< 4 U	< 4 U	4.8	< 4 U	< 4 U	< 4 U
Sodium	7440-23-5	ug/L	(1)	1500 J	14300	12300	16400	32700	15200 J	15500 J
Thallium	7440-28-0	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	1.9	< 1.7 U
Vanadium	7440-62-2	ug/L	(1)	0.93 J	6.1 J	8.7 J	410	4.5 J	99	14 J
Zinc	7440-66-6	ug/L	(1)	16 J	18 J	66	950	< 20 U	390 J	65 J

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 / F-139-SW-003 / 9/6/2000 / 139SW-3(20000906) / WS	139 / F-139-SW-004 / 9/6/2000 / 139SW-4(20000906) / WS	139 / F-139-SW-007 / 9/6/2000 / 139SW-7(20000906) / WS	139 / F-139-SW-008 / 9/19/2000 / 139SW-8(20000919) / WS	139 / F-139-SW-009 / 9/19/2000 / 139SW-9(20000919) / WS	139 / F-139-SW-010A / 9/25/2000 / 139SW-10(20000925) / WS	139 / F-139-SW-010A / 9/25/2000 / 139SW-10DUP(20000925) / WS
Other										
1,4-Oxathiane	15980-15-1	ug/L	(1)							
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)							
Dimethylmethylphosphonate	756-79-6	ug/L	(1)							
Dithiane	51330-42-8	ug/L	(1)							
PCBs										
Aroclor 1016	12674-11-2	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Aroclor 1221	11104-28-2	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Aroclor 1232	11141-16-5	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Aroclor 1242	53469-21-9	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Aroclor 1248	12672-29-6	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Aroclor 1254	11097-69-1	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Aroclor 1260	11096-82-5	ug/L	(1)			< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Pesticides										
4,4'-DDD	72-54-8	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	0.02 J
4,4'-DDD	72-54-8	ug/L	(2)							
4,4'-DDE	72-55-9	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	0.02 J
4,4'-DDE	72-55-9	ug/L	(2)							
4,4'-DDT	50-29-3	ug/L	(1)				< 0.1 UJD	< 0.05 UJ	< 0.05 U	0.01 J
4,4'-DDT	50-29-3	ug/L	(2)							
Aldrin	309-00-2	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Aldrin	309-00-2	ug/L	(2)							
alpha-BHC	319-84-6	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
alpha-BHC	319-84-6	ug/L	(2)							
alpha-Chlordane	5103-71-9	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Atrazine	1912-24-9	ug/L	(1)							
beta-BHC	319-85-7	ug/L	(1)				< 0.1 UJD	< 0.05 UJ	< 0.05 U	< 0.05 U
beta-BHC	319-85-7	ug/L	(2)							
Bromacil	314-40-9	ug/L	(1)							
Chlordane	57-74-9	ug/L	(1)							
Chlordane	57-74-9	ug/L	(2)							
delta-BHC	319-86-8	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Dieldrin	60-57-1	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Dieldrin	60-57-1	ug/L	(2)							
Endosulfan I	959-98-8	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Endosulfan I	959-98-8	ug/L	(2)							
Endosulfan II	33213-65-9	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Endosulfan II	33213-65-9	ug/L	(2)							
Endosulfan sulfate	1031-07-8	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Endosulfan sulfate	1031-07-8	ug/L	(2)							
Endrin	72-20-8	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Endrin	72-20-8	ug/L	(2)							
Endrin aldehyde	7421-93-4	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 UJ	< 0.05 U
Endrin aldehyde	7421-93-4	ug/L	(2)							
Endrin ketone	53494-70-5	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
gamma-BHC (Lindane)	58-89-9	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)							
gamma-Chlordane	5103-74-2	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Heptachlor	76-44-8	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 UJ	< 0.05 U
Heptachlor	76-44-8	ug/L	(2)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	139 / F-139-SW-003 / 9/6/2000 / 139SW-3(20000906) / WS	139 / F-139-SW-004 / 9/6/2000 / 139SW-4(20000906) / WS	139 / F-139-SW-007 / 9/6/2000 / 139SW-7(20000906) / WS	139 / F-139-SW-008 / 9/19/2000 / 139SW-8(20000919) / WS	139 / F-139-SW-009 / 9/19/2000 / 139SW-9(20000919) / WS	139 / F-139-SW-010A / 9/25/2000 / 139SW-10(20000925) / WS	139 / F-139-SW-010A / 9/25/2000 / 139SW-10DUP(20000925) / WS
Pesticides (continued)										
Heptachlor epoxide	1024-57-3	ug/L	(1)				< 0.1 UD	< 0.05 U	< 0.05 U	< 0.05 U
Heptachlor epoxide	1024-57-3	ug/L	(2)							
Isodrin	465-73-6	ug/L	(1)							
Isodrin	465-73-6	ug/L	(2)							
Malathion	121-75-5	ug/L	(1)							
Methoxychlor	72-43-5	ug/L	(1)				< 0.2 UJD	< 0.1 UJ	< 0.1 UJ	< 0.1 U
Methoxychlor	72-43-5	ug/L	(2)							
Mirex	2385-85-5	ug/L	(1)							
Parathion	56-38-2	ug/L	(1)							
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)							
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)							
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)							
Supona	470-90-6	ug/L	(1)							
Toxaphene	8001-35-2	ug/L	(1)				< 4 UD	< 2 U	< 2 U	< 2 U
Vapona	62-73-7	ug/L	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)							
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)							
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)							
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)				< 10 (U)	< 10 (U)	< 10 (U)	< 10 (U)
2,4-Dinitrophenol	51-28-5	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)							
2-Chloronaphthalene	91-58-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2-Methylphenol	95-48-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)							
3-Nitroaniline	99-09-2	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
4-Methylphenol	106-44-5	ug/L	(1)				< 10 U#	< 10 U#	< 10 U#	< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
Acenaphthene	83-32-9	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Acenaphthylene	208-96-8	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Aniline	62-53-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139 Location ID: F-139-SW-003 Sample Date: 9/6/2000 Depth Interval: Sample ID: 139SW-3(20000906) Sample Matrix: WS	Site Name: 139 Location ID: F-139-SW-004 Sample Date: 9/6/2000 Depth Interval: Sample ID: 139SW-4(20000906) Sample Matrix: WS	Site Name: 139 Location ID: F-139-SW-007 Sample Date: 9/6/2000 Depth Interval: Sample ID: 139SW-7(20000906) Sample Matrix: WS	Site Name: 139 Location ID: F-139-SW-008 Sample Date: 9/19/2000 Depth Interval: Sample ID: 139SW-8(20000919) Sample Matrix: WS	Site Name: 139 Location ID: F-139-SW-009 Sample Date: 9/19/2000 Depth Interval: Sample ID: 139SW-9(20000919) Sample Matrix: WS	Site Name: 139 Location ID: F-139-SW-010A Sample Date: 9/25/2000 Depth Interval: Sample ID: 139SW-10(20000925) Sample Matrix: WS	Site Name: 139 Location ID: F-139-SW-010A Sample Date: 9/25/2000 Depth Interval: Sample ID: 139SW-10DUP(20000925) Sample Matrix: WS
SVOC (continued)										
Anthracene	120-12-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)							
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Carbazole	86-74-8	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Chrysene	218-01-9	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Dibenzofuran	132-64-9	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Dichlorobenzenes	25321-22-6	ug/L	(1)							
Dicyclopentadiene	77-73-6	ug/L	(1)							
Diethylphthalate	84-66-2	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)				3.9 J	< 10 U	< 10 U	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Diphenylamine	122-39-4	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Fluoranthene	206-44-0	ug/L	(1)				< 10 UJ	< 10 U	1 J	< 10 U
Fluorene	86-73-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				< 50 U	< 50 U	< 50 U	< 50 U
Hexachloroethane	67-72-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Isophorone	78-59-1	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Naphthalene	91-20-3	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)							
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)				1.2 J	< 10 U	< 10 U	< 10 U
Phenanthrene	85-01-8	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Phenol	108-95-2	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
Pyrene	129-00-0	ug/L	(1)				< 10 U	< 10 U	< 10 U	< 10 U
VOC										
1,1,1-Trichloroethane	71-55-6	ug/L	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)							
1,1,2-Trichloroethane	79-00-5	ug/L	(1)							
1,1-Dichloroethane	75-34-3	ug/L	(1)							
1,1-Dichloroethene	75-35-4	ug/L	(1)							
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)							
1,2-Dichloroethane	107-06-2	ug/L	(1)							
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)							
1,2-Dichloropropane	78-87-5	ug/L	(1)							

Chemical Name	CAS No	Unit	ValueNo	Site Name: 139	139	139	139	139	139	139
				Location ID: F-139-SW-003	F-139-SW-004	F-139-SW-007	F-139-SW-008	F-139-SW-009	F-139-SW-010A	F-139-SW-010A
				Sample Date: 9/6/2000	9/6/2000	9/6/2000	9/19/2000	9/19/2000	9/25/2000	9/25/2000
				Depth Interval:						
				Sample ID: 139SW-3(20000906)	139SW-4(20000906)	139SW-7(20000906)	139SW-8(20000919)	139SW-9(20000919)	139SW-10(20000925)	139SW-10DUP(20000925)
				Sample Matrix: WS	WS	WS	WS	WS	WS	WS
VOC (continued)										
1,3-Dichloropropane	142-28-9	ug/L	(1)							
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)							
2-Butanone	78-93-3	ug/L	(1)							
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)							
2-Hexanone	591-78-6	ug/L	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)							
Acetone	67-64-1	ug/L	(1)							
Acetonitrile	75-05-8	ug/L	(1)							
Acrylonitrile	107-13-1	ug/L	(1)							
Benzene	71-43-2	ug/L	(1)							
Bromodichloromethane	75-27-4	ug/L	(1)							
Bromoform	75-25-2	ug/L	(1)							
Bromomethane	74-83-9	ug/L	(1)							
Carbon disulfide	75-15-0	ug/L	(1)							
Carbon tetrachloride	56-23-5	ug/L	(1)							
Chlorobenzene	108-90-7	ug/L	(1)							
Chloroethane	75-00-3	ug/L	(1)							
Chloroform	67-66-3	ug/L	(1)							
Chloromethane	74-87-3	ug/L	(1)							
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)							
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)							
Dibromochloromethane	124-48-1	ug/L	(1)							
Dibromochloropropane	96-12-8	ug/L	(1)							
Dichlorodifluoromethane	75-71-8	ug/L	(1)							
Ethyl benzene	100-41-4	ug/L	(1)							
Methylene chloride	75-09-2	ug/L	(1)							
m-Xylenes	108-38-3	ug/L	(1)							
Styrene	100-42-5	ug/L	(1)							
Tetrachloroethene	127-18-4	ug/L	(1)							
Toluene	108-88-3	ug/L	(1)							
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)							
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)							
Trichloroethene	79-01-6	ug/L	(1)							
Trichlorofluoromethane	75-69-4	ug/L	(1)							
Vinyl chloride	75-01-4	ug/L	(1)							
Xylenes	1330-20-7	ug/L	(1)							
WetChem										
Cyanide	57-12-5	ug/L	(1)							
Hardness	HARDNESS	ug/L	(1)							

			Site Name	139	139	139
			Location ID	F-SW139-1	F-SW139-2	F-SW-3
			Sample Date	11/9/1993	11/9/1993	11/17/2003
			Depth Interval			
			Sample ID	SW139-1(19931109)	SW139-2(19931109)	FSW-3(20031117)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.21 UJ	< 0.21 UJ	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U	< 0.458 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U	< 0.426 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			
2-Nitrotoluene	88-72-2	ug/L	(1)			
3-Nitrotoluene	99-08-1	ug/L	(1)	< 2.9 U	< 2.9 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			
4-Nitrotoluene	99-99-0	ug/L	(1)			
HMX	2691-41-0	ug/L	(1)	< 5.3 UJD	< 5.3 UJD	
Nitrobenzene	98-95-3	ug/L	(1)	< 0.682 U	< 0.682 U	
Nitrobenzene	98-95-3	ug/L	(2)	< 3.7 U	< 3.7 U	
Nitrocellulose	9004-70-0	ug/L	(1)	2400 D	1170	
Nitroglycerin	55-63-0	ug/L	(1)	< 4.61 UEJ	< 1.49 U	
Nitroguanidine	556-88-7	ug/L	(1)			
PETN	78-11-5	ug/L	(1)	< 2 U	< 2 U	
RDX	121-82-4	ug/L	(1)	< 4.2 UJD	< 0.416 U	
Tetryl	479-45-8	ug/L	(1)	< 0.631 U	< 0.631 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.397 U	< 5.8 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 5.8 U	< 0.397 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.6 U	< 0.6 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 6.7 U	< 6.7 U	
Metals						
Aluminum	7429-90-5	ug/L	(1)	13300	< 112 U	
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U	
Arsenic	7440-38-2	ug/L	(1)	21.1	< 2.35 U	
Barium	7440-39-3	ug/L	(1)	241	32.3	
Beryllium	7440-41-7	ug/L	(1)	3.17	< 1.12 U	
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U	< 6.78 U	
Calcium	7440-70-2	ug/L	(1)	29600	7740	
Chromium	7440-47-3	ug/L	(1)	40.1	< 16.8 U	
Cobalt	7440-48-4	ug/L	(1)	35	< 25 U	
Copper	7440-50-8	ug/L	(1)	365	< 18.8 U	
Iron	7439-89-6	ug/L	(1)	40200	186	
Lead	7439-92-1	ug/L	(1)	2500 D	< 4.47 U	
Magnesium	7439-95-4	ug/L	(1)	9060	3220	
Manganese	7439-96-5	ug/L	(1)	853	19	
Mercury	7439-97-6	ug/L	(1)	120 D	< 0.1 U	
Nickel	7440-02-0	ug/L	(1)	295	< 32.1 U	
Potassium	7440-09-7	ug/L	(1)	2330	1390	
Selenium	7782-49-2	ug/L	(1)	5.28	< 2.53 U	
Silver	7440-22-4	ug/L	(1)	2.49	< 0.333 U	
Sodium	7440-23-5	ug/L	(1)	17700	11400	
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U	
Vanadium	7440-62-2	ug/L	(1)	443	< 27.6 U	
Zinc	7440-66-6	ug/L	(1)	849	< 18 U	

			Site Name	139	139	139
			Location ID	F-SW139-1	F-SW139-2	F-SW-3
			Sample Date	11/9/1993	11/9/1993	11/17/2003
			Depth Interval			
			Sample ID	SW139-1(19931109)	SW139-2(19931109)	FSW-3(20031117)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U	< 27 U	
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U	< 21 U	
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U	< 130 U	
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U	< 3.3 U	
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)		< 0.385 U	
Aroclor 1221	11104-28-2	ug/L	(1)		< 0.385 UT	
Aroclor 1232	11141-16-5	ug/L	(1)		< 0.385 UT	
Aroclor 1242	53469-21-9	ug/L	(1)		< 0.385 UT	
Aroclor 1248	12672-29-6	ug/L	(1)		< 0.385 UT	
Aroclor 1254	11097-69-1	ug/L	(1)		< 0.176 UT	
Aroclor 1260	11096-82-5	ug/L	(1)		< 0.176 U	
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 18 U	< 0.81 U	
4,4'-DDD	72-54-8	ug/L	(2)		< 18 U	
4,4'-DDE	72-55-9	ug/L	(1)	< 14 U	< 14 U	
4,4'-DDE	72-55-9	ug/L	(2)		< 0.39 U	
4,4'-DDT	50-29-3	ug/L	(1)	< 18 U	< 18 U	
4,4'-DDT	50-29-3	ug/L	(2)		< 0.25 U	
Aldrin	309-00-2	ug/L	(1)	< 13 U	< 13 U	
Aldrin	309-00-2	ug/L	(2)		< 0.74 UJ	
alpha-BHC	319-84-6	ug/L	(1)	< 5.3 U	< 5.3 U	
alpha-BHC	319-84-6	ug/L	(2)		< 0.25 U	
alpha-Chlordane	5103-71-9	ug/L	(1)			
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U	< 5.9 U	
beta-BHC	319-85-7	ug/L	(1)	< 17 U	< 17 U	
beta-BHC	319-85-7	ug/L	(2)		< 0.99 U	
Bromacil	314-40-9	ug/L	(1)	< 2.9 U	< 2.9 U	
Chlordane	57-74-9	ug/L	(1)	< 37 U	< 37 U	
Chlordane	57-74-9	ug/L	(2)		< 0.0312 U	
delta-BHC	319-86-8	ug/L	(1)		< 0.34 U	
Dieldrin	60-57-1	ug/L	(1)	< 26 U	< 0.74 U	
Dieldrin	60-57-1	ug/L	(2)		< 26 U	
Endosulfan I	959-98-8	ug/L	(1)	< 23 U	< 0.25 U	
Endosulfan I	959-98-8	ug/L	(2)		< 23 U	
Endosulfan II	33213-65-9	ug/L	(1)	< 42 U	< 42 U	
Endosulfan II	33213-65-9	ug/L	(2)		< 0.77 U	
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 50 U	< 50 U	
Endosulfan sulfate	1031-07-8	ug/L	(2)		< 0.25 UT	
Endrin	72-20-8	ug/L	(1)	< 18 U	< 0.0176 U	
Endrin	72-20-8	ug/L	(2)		< 18 U	
Endrin aldehyde	7421-93-4	ug/L	(1)	< 5 U	< 0.0504 U	
Endrin aldehyde	7421-93-4	ug/L	(2)		< 5 U	
Endrin ketone	53494-70-5	ug/L	(1)		< 0.25 UT	
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 7.2 U	< 7.2 U	
gamma-BHC (Lindane)	58-89-9	ug/L	(2)		< 0.25 U	
gamma-Chlordane	5103-74-2	ug/L	(1)			
Heptachlor	76-44-8	ug/L	(1)	< 38 U	< 38 U	
Heptachlor	76-44-8	ug/L	(2)		< 0.25 U	

			Site Name	139	139	139
			Location ID	F-SW139-1	F-SW139-2	F-SW-3
			Sample Date	11/9/1993	11/9/1993	11/17/2003
			Depth Interval			
			Sample ID	SW139-1(19931109)	SW139-2(19931109)	FSW-3(20031117)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Pesticides (continued)						
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 28 U	< 28 U	
Heptachlor epoxide	1024-57-3	ug/L	(2)		< 0.63 U	
Isodrin	465-73-6	ug/L	(1)	< 7.8 U	0.38 N	
Isodrin	465-73-6	ug/L	(2)		< 7.8 U	
Malathion	121-75-5	ug/L	(1)	< 21 U	< 21 U	
Methoxychlor	72-43-5	ug/L	(1)	< 11 U	< 11 U	
Methoxychlor	72-43-5	ug/L	(2)		< 0.075 U	
Mirex	2385-85-5	ug/L	(1)	< 24 U	< 24 U	
Parathion	56-38-2	ug/L	(1)	< 37 U	< 37 U	
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U	< 10 U	
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U	< 5.3 U	
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U	< 15 U	
Supona	470-90-6	ug/L	(1)	< 19 U	< 19 U	
Toxaphene	8001-35-2	ug/L	(1)		< 1.64 U	
Vapona	62-73-7	ug/L	(1)	< 8.5 U	< 8.5 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U	< 2.4 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U	< 1.2 U	
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U	< 13 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 3.4 U	< 3.4 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(2)	< 1 U	< 1 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U	< 1.5 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U	< 2.8 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U	< 3.6 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U	< 8.4 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U	< 4.4 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U	< 180 U	
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U	< 8.8 U	
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U	< 2.6 U	
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U	< 2.8 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U	< 1.3 U	
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U	< 3.6 U	
2-Nitroaniline	88-74-4	ug/L	(1)			
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U	< 8.2 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U	< 5 U	
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U	< 21 U	
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U	< 15 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U	< 22 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U	< 8.5 U	
4-Chloroaniline	106-47-8	ug/L	(1)			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U	< 23 U	
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#	< 2.8 U#	
4-Nitroaniline	100-01-6	ug/L	(1)			
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U	< 96 U	
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U	< 5.8 U	
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U	< 5.1 U	
Aniline	62-53-3	ug/L	(1)			

			Site Name	139	139	139
			Location ID	F-SW139-1	F-SW139-2	F-SW-3
			Sample Date	11/9/1993	11/9/1993	11/17/2003
			Depth Interval			
			Sample ID	SW139-1(19931109)	SW139-2(19931109)	FSW-3(20031117)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
SVOC (continued)						
Anthracene	120-12-7	ug/L	(1)	< 5.2 U	< 5.2 U	
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U	< 9.8 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U	< 14 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U	< 15 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U	< 4 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U	< 6.8 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U	< 0.68 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U	< 5 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U	< 7.7 U	
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U	< 28 U	
Carbazole	86-74-8	ug/L	(1)			
Chrysene	218-01-9	ug/L	(1)	< 7.4 U	< 7.4 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U	< 12 U	
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U	< 5.1 U	
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U	
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U	< 5.5 U	
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U	< 5.9 U	
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U	< 2.2 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U	< 33 U	
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U	< 1.5 U	
Diphenylamine	122-39-4	ug/L	(1)			
Fluoranthene	206-44-0	ug/L	(1)	< 24 U	< 24 U	
Fluorene	86-73-7	ug/L	(1)	< 9.2 U	< 9.2 U	
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U	< 12 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U	< 8.7 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U	< 54 U	
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U	< 8.3 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U	< 21 U	
Isophorone	78-59-1	ug/L	(1)	< 2.4 U	< 2.4 U	
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U	< 9.7 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U	< 6.8 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U	< 3.7 U	
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U	< 9.1 U	
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U	< 9.9 U	
Phenol	108-95-2	ug/L	(1)	< 2.2 U	< 2.2 U	
Pyrene	129-00-0	ug/L	(1)	< 17 U	< 17 U	
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U	< 5.8 U	
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U

			Site Name	139	139	139
			Location ID	F-SW139-1	F-SW139-2	F-SW-3
			Sample Date	11/9/1993	11/9/1993	11/17/2003
			Depth Interval			
			Sample ID	SW139-1(19931109)	SW139-2(19931109)	FSW-3(20031117)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
VOC (continued)						
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U	
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U	< 1.7 U	
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U	
2-Hexanone	591-78-6	ug/L	(1)			< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	< 1.4 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 8 U	20	3.5 J
Acetonitrile	75-05-8	ug/L	(1)			< 20 R
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U	
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)			< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U	< 12 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)			< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)			< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U	< 1 U
WetChem						
Cyanide	57-12-5	ug/L	(1)	< 5 U	< 5 U	
Hardness	HARDNESS	ug/L	(1)	108000	31600	

Historic Analytical Results for Sediment Samples at PICA 108/Site 140

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SD140-1 11/5/1993 SD140-1(-) SE	140 F-SD140-2 11/5/1993 SD140-2(-) SE
Explosives					
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U	< 0.34 U
HMX	2691-41-0	mg/kg	(1)	< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.8 U	< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.14 U	< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)	881	1060
Nitroglycerin	55-63-0	mg/kg	(1)	6.95	14
PETN	78-11-5	mg/kg	(1)	< 1 U	< 1 U
RDX	121-82-4	mg/kg	(1)	6.2	< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U	< 2.11 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.4 U	< 2.5 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 2.5 UJ	< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 2 U	< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.32 U	< 0.32 U
Metals					
Aluminum	7429-90-5	mg/kg	(1)	18600	20400
Antimony	7440-36-0	mg/kg	(1)	4.48	8.35
Arsenic	7440-38-2	mg/kg	(1)	10.5	9.66
Barium	7440-39-3	mg/kg	(1)	336	349
Beryllium	7440-41-7	mg/kg	(1)	< 0.427 U	< 0.427 U
Cadmium	7440-43-9	mg/kg	(1)	32.8	42.7
Calcium	7440-70-2	mg/kg	(1)	11900	11800
Chromium	7440-47-3	mg/kg	(1)	46	60
Cobalt	7440-48-4	mg/kg	(1)	16.4	18.9
Copper	7440-50-8	mg/kg	(1)	863	770
Iron	7439-89-6	mg/kg	(1)	57600	69500
Lead	7439-92-1	mg/kg	(1)	2840	4100 D
Magnesium	7439-95-4	mg/kg	(1)	4470	3720
Manganese	7439-96-5	mg/kg	(1)	972	1150
Mercury	7439-97-6	mg/kg	(1)	3.2 D	3 D
Nickel	7440-02-0	mg/kg	(1)	59.4	67.6
Potassium	7440-09-7	mg/kg	(1)	1060	1220
Selenium	7782-49-2	mg/kg	(1)	1.47	1.52
Silver	7440-22-4	mg/kg	(1)	2.92	< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	233	290
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	60.5	66.8
Zinc	7440-66-6	mg/kg	(1)	10000 D	12000 D
Other					
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U	< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U	< 0.065 U
PCBs					
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.32 U	< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)	< 0.1 U	
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.1 UT	
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.1 UT	
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.1 UT	
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.1 UT	
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.0479 UT	
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.79 U	< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)	0.61	
Aroclor 1262	37324-23-5	mg/kg	(1)	< 6.3 U	< 6.3 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SD140-1 11/5/1993 SD140-1(-) SE	140 F-SD140-2 11/5/1993 SD140-2(-) SE
Pesticides					
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.064 U	< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)	< 0.27 U	
4,4'-DDE	72-55-9	mg/kg	(1)	0.02	< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)	< 0.068 U	
4,4'-DDT	50-29-3	mg/kg	(1)	0.1	< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)	< 0.1 U	
Aldrin	309-00-2	mg/kg	(1)	0.74 N	< 1.3 U
Aldrin	309-00-2	mg/kg	(2)	< 1.3 U	
alpha-BHC	319-84-6	mg/kg	(1)	< 0.28 U	< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)	< 1.3 U	
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U	< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 1.3 U	< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)	< 0.77 U	
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U	< 0.68 U
Chlordane	57-74-9	mg/kg	(2)	< 0.0684 U	
delta-BHC	319-86-8	mg/kg	(1)	< 0.85 U	< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)	< 0.21 U	
Dieldrin	60-57-1	mg/kg	(1)	0.77 N	< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)	< 0.079 U	
Endosulfan I	959-98-8	mg/kg	(1)	< 0.1 U	< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)	< 0.4 U	
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U	< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)	< 0.07 U	
Endosulfan sulfate	1031-07-8	mg/kg	(1)	0.8 N	< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)	< 1.2 U	
Endrin	72-20-8	mg/kg	(1)	< 1.3 U	< 1.3 U
Endrin	72-20-8	mg/kg	(2)	< 0.65 U	
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U	< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.05 UT	
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 U	< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)	< 0.1 U	
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U	< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)	< 0.22 U	
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U	< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)	0.64 N	
Isodrin	465-73-6	mg/kg	(1)	< 0.3 U	< 0.48 U
Isodrin	465-73-6	mg/kg	(2)	< 0.48 U	
Malathion	121-75-5	mg/kg	(1)	< 0.18 U	< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U	< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)	< 0.0359 U	
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U	< 0.14 U
Parathion	56-38-2	mg/kg	(1)	< 1.7 U	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U	< 0.32 U
Supona	470-90-6	mg/kg	(1)	< 0.92 U	< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 12 U	< 12 U
Toxaphene	8001-35-2	mg/kg	(2)	< 0.226 U	
Vapona	62-73-7	mg/kg	(1)	< 0.068 U	< 0.068 U
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)	< 0.042 U	< 0.14 U

			Site Name	140	140
			Location ID	F-SD140-1	F-SD140-2
			Sample Date	11/5/1993	11/5/1993
			Depth Interval		
			Sample ID	SD140-1(-)	SD140-2(-)
			Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**		
SVOC (continued)					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U	< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U	< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U	< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U	< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U	< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U	< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U	< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.041 U	< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U	< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.041 U	< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U	< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.31 U	< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.18 U	< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U	< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U	< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	11	18
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U	< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	< 0.032 U	< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U	< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U	< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	1.8
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	6.3	< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U	< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	0.55	< 0.032 U
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U	< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U	< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U	< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U	< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	4.1	< 0.29 U

			Site Name	140	140
			Location ID	F-SD140-1	F-SD140-2
			Sample Date	11/5/1993	11/5/1993
			Depth Interval		
			Sample ID	SD140-1(-)	SD140-2(-)
			Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**		
SVOC (continued)					
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U	< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	0.72	0.55
Phenol	108-95-2	mg/kg	(1)	< 0.052 U	< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	< 0.083 U	< 0.083 U
VOC					
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U	< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg	(1)	< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U	< 2 U
Benzene	71-43-2	mg/kg	(1)	< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg	(1)	< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg	(1)	< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U	< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg	(1)	< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg	(1)	< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg	(1)	< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.78 U	< 0.78 U
WetChem					
Cation Exchange Capacity	CEC	mg/kg	(1)	18500 D	
Cyanide	57-12-5	mg/kg	(1)	< 0.25 U	< 0.25 U

Chemical Name	CAS No	Unit	ValueNo	140 F-140-SS-EX1-B1 12/22/2003 5 - 6 140SS-EX1-B1(5-6) SO	140 F-140-SS-EX1-SWS1 12/22/2003 4 - 5 140SS-EX1-SWS1(4-5) SO	140 F-140-SS-EX2-B1 12/22/2003 5 - 6 140SS-EX2-B1(5-6) SO	140 F-140-SS-EX2-SWS1 12/22/2003 4 - 5 140SS-EX2-SWS1(4-5) SO	140 F-SB140-1 4/28/1994 0 - 1 SB140-1A(0-1) SO	140 F-SB140-1 4/28/1994 1 - 2 SB140-1B(1-2) SO	140 F-SB140-1 4/28/1994 2 - 4 SB140-1C(2-4) SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 2 U		< 2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.34 U		< 0.34 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			
HMX	2691-41-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	0.43 J	< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 1.8 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)					< 1.14 U		< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)	52.6	21	9.5	34.9	78.1		111
Nitroglycerin	55-63-0	mg/kg	(1)					< 0.51 U		< 0.51 U
PETN	78-11-5	mg/kg	(1)					< 1 U		< 1 U
RDX	121-82-4	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 2.11 U		< 2.11 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	0.09 J	< 0.25 U	< 0.25 U	< 0.25 U	< 2.5 U		< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					< 1.4 U		< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 2 U		< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					< 0.32 U		< 0.32 U
Metals										
Aluminum	7429-90-5	mg/kg	(1)					13100		7450
Antimony	7440-36-0	mg/kg	(1)					< 1 U		< 1 U
Arsenic	7440-38-2	mg/kg	(1)					7.08		4.21
Barium	7440-39-3	mg/kg	(1)					65.5		37.6
Beryllium	7440-41-7	mg/kg	(1)					0.66		< 0.427 U
Cadmium	7440-43-9	mg/kg	(1)					< 1.2 U		< 1.2 U
Calcium	7440-70-2	mg/kg	(1)					2870		4350
Chromium	7440-47-3	mg/kg	(1)					18.2		10.2
Cobalt	7440-48-4	mg/kg	(1)					8.85		6.28
Copper	7440-50-8	mg/kg	(1)					34.4		13.5
Iron	7439-89-6	mg/kg	(1)					28700		23700
Lead	7439-92-1	mg/kg	(1)					79		< 7.44 U
Magnesium	7439-95-4	mg/kg	(1)					2840		3000
Manganese	7439-96-5	mg/kg	(1)					368		427
Mercury	7439-97-6	mg/kg	(1)					5.4 D		0.07
Nickel	7440-02-0	mg/kg	(1)					15.5		8.09
Potassium	7440-09-7	mg/kg	(1)					710		1010
Selenium	7782-49-2	mg/kg	(1)					< 0.449 U		< 0.449 U
Silver	7440-22-4	mg/kg	(1)					< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	(1)					82.6		268
Thallium	7440-28-0	mg/kg	(1)					< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)					29.8		23.4
Zinc	7440-66-6	mg/kg	(1)					276		57.8
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)					< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)					< 0.065 U		< 0.065 U
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)					< 0.1 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)					< 0.32 U		
Aroclor 1221	11104-28-2	mg/kg	(1)					< 0.1 UT		
Aroclor 1232	11141-16-5	mg/kg	(1)					< 0.1 UT		
Aroclor 1242	53469-21-9	mg/kg	(1)					< 0.1 UT		
Aroclor 1248	12672-29-6	mg/kg	(1)					< 0.1 UT		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 / F-140-SS-EX1-B1 / 12/22/2003 / 5 - 6 / 140SS-EX1-B1(5-6) / SO	140 / F-140-SS-EX1-SWS1 / 12/22/2003 / 4 - 5 / 140SS-EX1-SWS1(4-5) / SO	140 / F-140-SS-EX2-B1 / 12/22/2003 / 5 - 6 / 140SS-EX2-B1(5-6) / SO	140 / F-140-SS-EX2-SWS1 / 12/22/2003 / 4 - 5 / 140SS-EX2-SWS1(4-5) / SO	140 / F-SB140-1 / 4/28/1994 / 0 - 1 / SB140-1A(0-1) / SO	140 / F-SB140-1 / 4/28/1994 / 1 - 2 / SB140-1B(1-2) / SO	140 / F-SB140-1 / 4/28/1994 / 2 - 4 / SB140-1C(2-4) / SO
PCBs (continued)										
Aroclor 1254	11097-69-1	mg/kg	(1)					< 0.0479 UT		
Aroclor 1260	11096-82-5	mg/kg	(1)					< 0.0479 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)					< 0.79 U		
Aroclor 1262	37324-23-5	mg/kg	(1)					< 6.3 U		< 6.3 U
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)					< 0.064 U		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)					< 0.27 U		
4,4'-DDE	72-55-9	mg/kg	(1)					< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)					< 0.27 U		
4,4'-DDT	50-29-3	mg/kg	(1)					< 0.1 U		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)					< 0.35 U		
Aldrin	309-00-2	mg/kg	(1)					< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg	(2)					< 0.14 U		
alpha-BHC	319-84-6	mg/kg	(1)					< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)					< 0.28 U		
Atrazine	1912-24-9	mg/kg	(1)					< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)					< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)					< 0.77 U		
Chlordane	57-74-9	mg/kg	(1)					< 0.0684 U		< 0.68 U
Chlordane	57-74-9	mg/kg	(2)					< 0.68 U		
delta-BHC	319-86-8	mg/kg	(1)					< 0.21 U		< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)					< 0.85 U		
Dieldrin	60-57-1	mg/kg	(1)					< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)					< 0.16 U		
Endosulfan I	959-98-8	mg/kg	(1)					< 0.4 U		< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)					< 0.1 U		
Endosulfan II	33213-65-9	mg/kg	(1)					< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)					< 0.07 U		
Endosulfan sulfate	1031-07-8	mg/kg	(1)					< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)					< 0.05 UT		
Endrin	72-20-8	mg/kg	(1)					< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg	(2)					< 0.65 U		
Endrin aldehyde	7421-93-4	mg/kg	(1)					< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)					< 0.05 UT		
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)					< 0.1 U		
Heptachlor	76-44-8	mg/kg	(1)					< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)					< 0.22 U		
Heptachlor epoxide	1024-57-3	mg/kg	(1)					< 0.48 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)					< 0.13 U		
Isodrin	465-73-6	mg/kg	(1)					< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg	(2)					< 0.3 U		
Malathion	121-75-5	mg/kg	(1)					< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)					< 0.26 U		< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)					< 0.0359 U		
Mirex	2385-85-5	mg/kg	(1)					< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	(1)					< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)					< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)					< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)					< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	(1)					< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)					< 12 U		< 12 U
Toxaphene	8001-35-2	mg/kg	(2)					< 0.226 U		
Vapona	62-73-7	mg/kg	(1)					< 0.068 U		< 0.068 U

Chemical Name	CAS No	Unit	ValueNo	140 F-140-SS-EX1-B1 12/22/2003 5 - 6 140SS-EX1-B1(5-6) SO	140 F-140-SS-EX1-SWS1 12/22/2003 4 - 5 140SS-EX1-SWS1(4-5) SO	140 F-140-SS-EX2-B1 12/22/2003 5 - 6 140SS-EX2-B1(5-6) SO	140 F-140-SS-EX2-SWS1 12/22/2003 4 - 5 140SS-EX2-SWS1(4-5) SO	140 F-SB140-1 4/28/1994 0 - 1 SB140-1A(0-1) SO	140 F-SB140-1 4/28/1994 1 - 2 SB140-1B(1-2) SO	140 F-SB140-1 4/28/1994 2 - 4 SB140-1C(2-4) SO
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)					< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					< 0.042 U	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)							< 0.14 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)					< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)					< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)					< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)					< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)					< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)					< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)					< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)					< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)					< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)					< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)					< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)					< 0.033 U		< 0.033 U
Anthracene	120-12-7	mg/kg	(1)					< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)					0.16		0.2
Benzo(a)pyrene	50-32-8	mg/kg	(1)					< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					< 0.31 U		< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)					0.06		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	(1)					0.19		0.24
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)					< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)						< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)					< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)					< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)					< 0.063 U		< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)					< 1.3 U		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)					< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)					0.15		0.17
Fluorene	86-73-7	mg/kg	(1)					< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)					< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)					< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					< 0.52 U		< 0.52 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-140-SS-EX1-B1 12/22/2003 5 - 6 140SS-EX1-B1(5-6) SO (1)	140 F-140-SS-EX1-SWS1 12/22/2003 4 - 5 140SS-EX1-SWS1(4-5) SO (1)	140 F-140-SS-EX2-B1 12/22/2003 5 - 6 140SS-EX2-B1(5-6) SO (1)	140 F-140-SS-EX2-SWS1 12/22/2003 4 - 5 140SS-EX2-SWS1(4-5) SO (1)	140 F-SB140-1 4/28/1994 0 - 1 SB140-1A(0-1) SO (1)	140 F-SB140-1 4/28/1994 1 - 2 SB140-1B(1-2) SO (1)	140 F-SB140-1 4/28/1994 2 - 4 SB140-1C(2-4) SO (1)
SVOC (continued)										
Hexachloroethane	67-72-1	mg/kg						< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg						< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg						< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg						< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg						< 0.29 U		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg						< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg						0.09		0.13
Phenol	108-95-2	mg/kg						< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg						0.22		0.27
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg							< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg							< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg							< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg							< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg						< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg							< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg							< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg							< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg							< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg						< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg							< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg							< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg							< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg							< 2 U	< 2 U
Benzene	71-43-2	mg/kg							< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg							< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg							< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg							< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg							< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg							< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg							< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg							< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg							< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg							< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg						< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg							< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg							< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg							< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg							< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg							< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg							< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg							< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg							< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg							< 0.78 U	< 0.78 U
WetChem										
% Moisture	%Moist	%		9.9	15.1	5.9	12			
Cyanide	57-12-5	mg/kg						< 0.25 U		< 0.25 U

Chemical Name	CAS No	Unit	Site Name	140	140	140	140	140	140	140	140	140
			Location ID	F-SB140-1	F-SB140-2	F-SB140-2	F-SB140-2	F-SB140-2	F-SB140-3	F-SB140-3	F-SB140-3	F-SB140-3
			Sample Date	4/28/1994	4/28/1994	4/28/1994	4/28/1994	4/28/1994	4/29/1994	4/29/1994	4/29/1994	4/29/1994
			Depth Interval	4 - 6	0 - 1	1 - 2	2 - 4	4 - 6	0 - .5	1 - 2	2 - 4	2 - 4
			Sample ID	SB140-1D(4-6)	SB140-2A(0-1)	SB140-2B(1-2)	SB140-2C(2-4)	SB140-2D(4-6)	SB140-3A(0-0.5)	SB140-3B(1-2)	SB140-3C(2-4)	SB140-3CD(2-4)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
			ValueNo									
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U	< 0.922 U		< 0.922 U	< 0.922 U	< 0.922 U		< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U	< 0.504 U		< 0.504 U	< 0.504 U	< 0.504 U		< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U		< 2 U	< 2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)									
2-Nitrotoluene	88-72-2	mg/kg	(1)									
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U	< 0.34 U		< 0.34 U	< 0.34 U	< 0.34 U		< 0.34 U	< 0.34 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)									
4-Nitrotoluene	99-99-0	mg/kg	(1)									
HMX	2691-41-0	mg/kg	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U		< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.14 U	< 1.8 U	< 1.14 U		< 1.14 U	< 1.14 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.14 U	< 1.14 U		< 1.8 U	< 1.14 U	< 1.8 U		< 1.8 U	< 1.8 U
Nitrocellulose	9004-70-0	mg/kg	(1)	79	70		57.2	69.3	67.3		80.1	100
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 U	< 0.51 U		< 0.51 U	< 0.51 U	< 0.51 U		< 0.51 U	< 0.51 U
PETN	78-11-5	mg/kg	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
RDX	121-82-4	mg/kg	(1)	< 1.28 U	< 1.28 U		< 1.28 U	< 1.28 U	< 1.28 U		< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U	< 2.11 U		< 2.11 U	< 2.11 U	< 2.11 U		< 2.11 U	< 2.11 U
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.4 U	< 1.4 U		< 1.4 U	< 2.5 U	< 2.5 U		< 2.5 U	< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 2.5 U	< 2.5 U		< 2.5 U	< 1.4 U	< 1.4 U		< 1.4 U	< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 2 U	< 0.32 U		< 2 U	< 0.32 U	< 2 U		< 0.32 U	< 2 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.32 U	< 2 U		< 0.32 U	< 2 U	< 0.32 U		< 2 U	< 0.32 U
Metals												
Aluminum	7429-90-5	mg/kg	(1)	12600	14400		9530	12000	13000		12400	12600
Antimony	7440-36-0	mg/kg	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Arsenic	7440-38-2	mg/kg	(1)	4.37	6.07		< 2.5 U	5.88	2.71		6.7	4.68
Barium	7440-39-3	mg/kg	(1)	56.9	58.2		40.9	201	55.9		43.7	40.4
Beryllium	7440-41-7	mg/kg	(1)	0.66	0.69		0.57	0.66	0.54		0.52	0.52
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	1950	2130		6960	1590	1680		1820	1410
Chromium	7440-47-3	mg/kg	(1)	17.7	17.1		13.2	19.3	15.9		18.2	14.6
Cobalt	7440-48-4	mg/kg	(1)	9.93	10.9		7.27	12.4	7.43		9.34	8.39
Copper	7440-50-8	mg/kg	(1)	30	26.3		17.5	24.8	17.5		21.5	16.8
Iron	7439-89-6	mg/kg	(1)	31800	37700		26300	36700	24900		29300	26200
Lead	7439-92-1	mg/kg	(1)	24.2	32.7		11	< 7.44 U	18.5		13	8.8
Magnesium	7439-95-4	mg/kg	(1)	3500	3990		3420	3370	2250		2740	2590
Manganese	7439-96-5	mg/kg	(1)	367	814		282	1800 D	249		280	259
Mercury	7439-97-6	mg/kg	(1)	2.3 D	0.28		0.18	0.13	0.35		0.15	0.16
Nickel	7440-02-0	mg/kg	(1)	14.9	15.6		9.72	20.1	11.2		16.6	12.6
Potassium	7440-09-7	mg/kg	(1)	1410	1130		1150	1230	817		618	611
Selenium	7782-49-2	mg/kg	(1)	< 0.449 U	< 0.449 U		< 0.449 U	< 0.449 U	< 0.449 U		< 0.449 U	< 0.449 U
Silver	7440-22-4	mg/kg	(1)	< 0.803 U	< 0.803 U		< 0.803 U	< 0.803 U	< 0.803 U		< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	127	127		222	141	71.8		93.9	93.8
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U	< 34.3 U		< 34.3 U	62.3	< 34.3 U		< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	27.4	28.1		24.2	28.4	25.2		26.6	24.2
Zinc	7440-66-6	mg/kg	(1)	102	86.3		51	55.8	76.2		53.8	45.8
Other												
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U	< 0.075 U		< 0.075 U	< 0.075 U	< 0.075 U		< 0.075 U	< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U
PCBs												
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)									
Aroclor 1221	11104-28-2	mg/kg	(1)									
Aroclor 1232	11141-16-5	mg/kg	(1)									
Aroclor 1242	53469-21-9	mg/kg	(1)									
Aroclor 1248	12672-29-6	mg/kg	(1)									

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SB140-1 4/28/1994 4 - 6 SB140-1D(4-6) SO	140 F-SB140-2 4/28/1994 0 - 1 SB140-2A(0-1) SO	140 F-SB140-2 4/28/1994 1 - 2 SB140-2B(1-2) SO	140 F-SB140-2 4/28/1994 2 - 4 SB140-2C(2-4) SO	140 F-SB140-2 4/28/1994 4 - 6 SB140-2D(4-6) SO	140 F-SB140-3 4/29/1994 0 - .5 SB140-3A(0-0.5) SO	140 F-SB140-3 4/29/1994 1 - 2 SB140-3B(1-2) SO	140 F-SB140-3 4/29/1994 2 - 4 SB140-3C(2-4) SO	140 F-SB140-3 4/29/1994 2 - 4 SB140-3CD(2-4) SO
PCBs (continued)												
Aroclor 1254	11097-69-1	mg/kg	(1)									
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.79 U	< 0.79 U		< 0.79 U	< 0.79 U	< 0.79 U		< 0.79 U	< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)									
Aroclor 1262	37324-23-5	mg/kg	(1)	< 6.3 U	< 6.3 U		< 6.3 U	< 6.3 U	< 6.3 U		< 6.3 U	< 6.3 U
Pesticides												
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.064 U	< 0.064 U		< 0.064 U	< 0.064 U	< 0.064 U		< 0.064 U	< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)									
4,4'-DDE	72-55-9	mg/kg	(1)	< 0.068 U	< 0.068 U		< 0.068 U	< 0.068 U	< 0.068 U		< 0.068 U	< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)									
4,4'-DDT	50-29-3	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)									
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U
Aldrin	309-00-2	mg/kg	(2)									
alpha-BHC	319-84-6	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)									
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)									
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U	< 0.68 U		< 0.68 U	< 0.68 U	< 0.68 U		< 0.68 U	< 0.68 U
Chlordane	57-74-9	mg/kg	(2)									
delta-BHC	319-86-8	mg/kg	(1)	< 0.21 U	< 0.21 U		< 0.21 U	< 0.21 U	< 0.21 U		< 0.21 U	< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)									
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U	< 0.079 U		< 0.079 U	< 0.079 U	< 0.079 U		< 0.079 U	< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)									
Endosulfan I	959-98-8	mg/kg	(1)	< 0.4 U	< 0.4 U		< 0.4 U	< 0.4 U	< 0.4 U		< 0.4 U	< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)									
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U	< 2.4 U		< 2.4 U	< 2.4 U	< 2.4 U		< 2.4 U	< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)									
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)									
Endrin	72-20-8	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U
Endrin	72-20-8	mg/kg	(2)									
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)									
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)									
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)									
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U	< 0.48 U		< 0.48 U	< 0.48 U	< 0.48 U		< 0.48 U	< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)									
Isodrin	465-73-6	mg/kg	(1)	< 0.48 U	< 0.48 U		< 0.48 U	< 0.48 U	< 0.48 U		< 0.48 U	< 0.48 U
Isodrin	465-73-6	mg/kg	(2)									
Malathion	121-75-5	mg/kg	(1)	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U	< 0.26 U		< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U	< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)									
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U	< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U	< 0.14 U
Parathion	56-38-2	mg/kg	(1)	< 1.7 U	< 1.7 U		< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 U	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U	< 0.097 U		< 0.097 U	< 0.097 U	< 0.097 U		< 0.097 U	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U	< 0.066 U		< 0.066 U	< 0.066 U	< 0.066 U		< 0.066 U	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U
Supona	470-90-6	mg/kg	(1)	< 0.92 U	< 0.92 U		< 0.92 U	< 0.92 U	< 0.92 U		< 0.92 U	< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 12 U	< 12 U		< 12 U	< 12 U	< 12 U		< 12 U	< 12 U
Toxaphene	8001-35-2	mg/kg	(2)									
Vapona	62-73-7	mg/kg	(1)	< 0.068 U	< 0.068 U		< 0.068 U	< 0.068 U	< 0.068 U		< 0.068 U	< 0.068 U

			Site Name	140	140	140	140	140	140	140	140	140
			Location ID	F-SB140-1	F-SB140-2	F-SB140-2	F-SB140-2	F-SB140-2	F-SB140-3	F-SB140-3	F-SB140-3	F-SB140-3
			Sample Date	4/28/1994	4/28/1994	4/28/1994	4/28/1994	4/28/1994	4/29/1994	4/29/1994	4/29/1994	4/29/1994
			Depth Interval	4 - 6	0 - 1	1 - 2	2 - 4	4 - 6	0 - .5	1 - 2	2 - 4	2 - 4
			Sample ID	SB140-1D(4-6)	SB140-2A(0-1)	SB140-2B(1-2)	SB140-2C(2-4)	SB140-2D(4-6)	SB140-3A(0-0.5)	SB140-3B(1-2)	SB140-3C(2-4)	SB140-3CD(2-4)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	CAS No	Unit	ValueNo									
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U	< 0.22 U		< 0.22 U	< 0.22 U	< 0.22 U		< 0.22 U	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U	< 0.042 U		< 0.042 U	< 0.042 U	< 0.042 U		< 0.042 U	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U	< 0.52 U		< 0.52 U	< 0.52 U	< 0.52 U		< 0.52 U	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.14 U	< 0.042 U	< 0.14 U	< 0.14 U	< 0.042 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)	< 0.042 U			< 0.042 U	< 0.14 U			< 0.14 U	< 0.14 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U	< 0.034 U		< 0.034 U	< 0.034 U	< 0.034 U		< 0.034 U	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U	< 0.49 U		< 0.49 U	< 0.49 U	< 0.49 U		< 0.49 U	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U	< 0.061 U		< 0.061 U	< 0.061 U	< 0.061 U		< 0.061 U	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U	< 3 U		< 3 U	< 3 U	< 3 U		< 3 U	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U	< 4.7 U		< 4.7 U	< 4.7 U	< 4.7 U		< 4.7 U	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U	< 0.57 U		< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U	< 0.055 U		< 0.055 U	< 0.055 U	< 0.055 U		< 0.055 U	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U	< 0.098 U		< 0.098 U	< 0.098 U	< 0.098 U		< 0.098 U	< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U	< 1.1 U		< 1.1 U	< 1.1 U	< 1.1 U		< 1.1 U	< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U	< 1.6 U		< 1.6 U	< 1.6 U	< 1.6 U		< 1.6 U	< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U	< 1.6 U		< 1.6 U	< 1.6 U	< 1.6 U		< 1.6 U	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U	< 3 U		< 3 U	< 3 U	< 3 U		< 3 U	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U	< 0.8 U		< 0.8 U	< 0.8 U	< 0.8 U		< 0.8 U	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U	< 0.041 U		< 0.041 U	< 0.041 U	< 0.041 U		< 0.041 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U	< 0.93 U		< 0.93 U	< 0.93 U	< 0.93 U		< 0.93 U	< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#		< 0.24 U#	< 0.24 U#	< 0.24 U#		< 0.24 U#	< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U	< 3.3 U		< 3.3 U	< 3.3 U	< 3.3 U		< 3.3 U	< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.041 U	< 0.041 U		< 0.041 U	< 0.041 U	< 0.041 U		< 0.041 U	< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U	< 0.71 U		< 0.71 U	< 0.71 U	< 0.71 U		< 0.71 U	< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.041 U	0.17		0.59	< 0.041 U	< 0.041 U		< 0.041 U	< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U	< 0.13 U		0.7	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U	< 0.032 U		0.04	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U	< 0.36 U		< 0.36 U	< 0.36 U	< 0.36 U		< 0.36 U	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U	< 0.44 U		< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U	< 0.48 U		< 0.48 U	< 0.48 U	< 0.48 U		< 0.48 U	< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	< 0.032 U	0.17		0.6	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U	< 0.38 U		< 0.38 U	< 0.38 U	< 0.38 U		< 0.38 U	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U	< 0.57 U		< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U	< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U	< 0.063 U		< 0.063 U	< 0.063 U	< 0.063 U		< 0.063 U	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	5 D		< 1.3 U	1.5
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.032 U	0.16		0.45	0.06	< 0.032 U		< 0.032 U	0.04
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U	< 0.065 U		< 0.065 U	< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U	< 0.08 U		< 0.08 U	< 0.08 U	< 0.08 U		< 0.08 U	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U	< 0.97 U		< 0.97 U	< 0.97 U	< 0.97 U		< 0.97 U	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U	< 0.52 U		< 0.52 U	< 0.52 U	< 0.52 U		< 0.52 U	< 0.52 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SB140-1 4/28/1994 4 - 6 SB140-1D(4-6) SO (1)	140 F-SB140-2 4/28/1994 0 - 1 SB140-2A(0-1) SO (1)	140 F-SB140-2 4/28/1994 1 - 2 SB140-2B(1-2) SO (1)	140 F-SB140-2 4/28/1994 2 - 4 SB140-2C(2-4) SO (1)	140 F-SB140-2 4/28/1994 4 - 6 SB140-2D(4-6) SO (1)	140 F-SB140-3 4/29/1994 0 - .5 SB140-3A(0-0.5) SO (1)	140 F-SB140-3 4/29/1994 1 - 2 SB140-3B(1-2) SO (1)	140 F-SB140-3 4/29/1994 2 - 4 SB140-3C(2-4) SO (1)	140 F-SB140-3 4/29/1994 2 - 4 SB140-3CD(2-4) SO (1)
SVOC (continued)												
Hexachloroethane	67-72-1	mg/kg		< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 2.4 U	< 2.4 U		< 2.4 U	< 2.4 U	< 2.4 U		< 2.4 U	< 2.4 U
Isophorone	78-59-1	mg/kg		< 0.39 U	< 0.39 U		< 0.39 U	< 0.39 U	< 0.39 U		< 0.39 U	< 0.39 U
Naphthalene	91-20-3	mg/kg		< 0.74 U	< 0.74 U		< 0.74 U	< 0.74 U	< 0.74 U		< 0.74 U	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg		< 0.46 U	< 0.46 U		< 0.46 U	< 0.46 U	< 0.46 U		< 0.46 U	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 1.1 U	< 1.1 U		< 1.1 U	< 1.1 U	< 1.1 U		< 1.1 U	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U
Pentachlorophenol	87-86-5	mg/kg		< 0.76 U	< 0.76 U		< 0.76 U	< 0.76 U	< 0.76 U		< 0.76 U	< 0.76 U
Phenanthrene	85-01-8	mg/kg		< 0.032 U	0.13		0.39	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
Phenol	108-95-2	mg/kg		< 0.052 U	< 0.052 U		< 0.052 U	< 0.052 U	< 0.052 U		< 0.052 U	< 0.052 U
Pyrene	129-00-0	mg/kg		< 0.083 U	0.23		0.81	< 0.083 U	< 0.083 U		< 0.083 U	< 0.083 U
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.2 U		< 0.2 U	0.46	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.33 U		< 0.33 U	< 0.33 U	< 0.33 U		< 0.33 U	< 0.33 U	< 0.33 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.49 U		< 0.49 U	< 0.49 U	< 0.49 U		< 0.49 U	< 0.49 U	< 0.49 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.27 U		< 0.27 U	< 0.27 U	< 0.27 U		< 0.27 U	< 0.27 U	< 0.27 U
1,2,3-Trichlorobenzene	87-61-6	mg/kg		< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U	< 0.32 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.53 U		< 0.53 U	< 0.53 U	< 0.53 U		< 0.53 U	< 0.53 U	< 0.53 U
1,3-Dichloropropane	142-28-9	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
2,3,6-Trichlorophenol	933-75-5	mg/kg		< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U
2-Butanone	78-93-3	mg/kg		< 4.3 U		< 4.3 U	< 4.3 U	< 4.3 U		< 4.3 U	< 4.3 U	< 4.3 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg		< 0.5 U		< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	< 0.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.63 U		< 0.63 U	< 0.63 U	< 0.63 U		< 0.63 U	< 0.63 U	< 0.63 U
Acetone	67-64-1	mg/kg		< 3.3 U		< 3.3 U	< 3.3 U	< 3.3 U		< 3.3 U	< 3.3 U	< 3.3 U
Acrylonitrile	107-13-1	mg/kg		< 2 U		< 2 U	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
Benzene	71-43-2	mg/kg		< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Bromodichloromethane	75-27-4	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
Bromoform	75-25-2	mg/kg		< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
Bromomethane	74-83-9	mg/kg		< 0.26 U		< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U	< 0.26 U	< 0.26 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.31 U		< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U	< 0.31 U
Chlorobenzene	108-90-7	mg/kg		< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Chloroethane	75-00-3	mg/kg		< 0.64 U		< 0.64 U	< 0.64 U	< 0.64 U		< 0.64 U	< 0.64 U	< 0.64 U
Chloroform	67-66-3	mg/kg		< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U
Chloromethane	74-87-3	mg/kg		< 0.96 U		< 0.96 U	< 0.96 U	< 0.96 U		< 0.96 U	< 0.96 U	< 0.96 U
Dibromochloromethane	124-48-1	mg/kg		< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
Dibromochloropropane	96-12-8	mg/kg		< 0.071 U	< 0.071 U		< 0.071 U	< 0.071 U	< 0.071 U		< 0.071 U	< 0.071 U
Ethyl benzene	100-41-4	mg/kg		< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Methylene chloride	75-09-2	mg/kg		< 4.4 U		< 4.4 U	< 4.4 U	< 4.4 U		< 4.4 U	< 4.4 U	< 4.4 U
m-Xylenes	108-38-3	mg/kg		< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Tetrachloroethene	127-18-4	mg/kg		< 0.16 U		< 0.16 U	< 0.16 U	< 0.16 U		< 0.16 U	< 0.16 U	< 0.16 U
Toluene	108-88-3	mg/kg		< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Trichloroethene	79-01-6	mg/kg		< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Trichlorofluoromethane	75-69-4	mg/kg		< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Vinyl chloride	75-01-4	mg/kg		< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U		< 1.8 U	< 1.8 U	< 1.8 U
Xylenes	1330-20-7	mg/kg		< 0.78 U		< 0.78 U	< 0.78 U	< 0.78 U		< 0.78 U	< 0.78 U	< 0.78 U
WetChem												
% Moisture	%Moist	%										
Cyanide	57-12-5	mg/kg		< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SB140-3 4/29/1994 4 - 6 SB140-3D(4-6) SO	140 F-SS140-1 11/18/1993 .5 - 1 SS140-1B(0.5-1) SO	140 F-SS140-1 11/18/1993 0 - .5 SS140-1A(0-0.5) SO	140 F-SS140-2 11/18/1993 .5 - 1 SS140-2B(0.5-1) SO	140 F-SS140-2 11/18/1993 0 - .5 SS140-2A(0-0.5) SO	140 F-SS140-3 11/18/1993 .5 - 1 SS140-3B(0.5-1) SO	140 F-SS140-3 11/18/1993 0 - .5 SS140-3A(0-0.5) SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U		< 0.922 U		< 0.922 U		< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U		< 0.504 U		< 0.504 U		< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U		< 2 U		< 2 U		< 2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)							
2-Nitrotoluene	88-72-2	mg/kg	(1)							
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U		< 0.34 U		< 0.34 U		< 0.34 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)							
4-Nitrotoluene	99-99-0	mg/kg	(1)							
HMX	2691-41-0	mg/kg	(1)	< 2 U		< 2 U		< 2 U		< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.14 U		< 1.14 U		< 1.8 U		< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.8 U		< 1.8 U		< 1.14 U		< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)	121		117		188		< 23.1 U
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 U		< 0.51 U		50		< 0.51 U
PETN	78-11-5	mg/kg	(1)	< 1 U		< 1 UJ		< 1 UJ		< 1 UJ
RDX	121-82-4	mg/kg	(1)	< 1.28 U		< 1.28 U		< 1.28 U		< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U		< 2.11 U		< 2.11 U		< 2.11 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 2.5 U		1.9		4.6		< 1.4 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 1.4 U		< 2.5 U		22.4		< 2.5 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 2 U		< 0.32 U		< 2 U		< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.32 U		< 2 U		< 0.32 U		< 2 U
Metals										
Aluminum	7429-90-5	mg/kg	(1)	13100		20000		19300		12400
Antimony	7440-36-0	mg/kg	(1)	< 1 U		< 1 U		1.48		< 1 U
Arsenic	7440-38-2	mg/kg	(1)	53 D		6.33		8.61		5.25
Barium	7440-39-3	mg/kg	(1)	55.6		92.2		167		66.9
Beryllium	7440-41-7	mg/kg	(1)	0.65		< 0.427 U		< 0.427 U		< 0.427 U
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U		< 1.2 U		< 1.2 U		< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	2670		1890		2720		1380
Chromium	7440-47-3	mg/kg	(1)	15.2		20.5		76.3		12.5
Cobalt	7440-48-4	mg/kg	(1)	9.48		9.7		15.4		9.71
Copper	7440-50-8	mg/kg	(1)	26.1		21.4		83.7		23.5
Iron	7439-89-6	mg/kg	(1)	28700		40500		45400		25300
Lead	7439-92-1	mg/kg	(1)	31.7		49.5		505		50.2
Magnesium	7439-95-4	mg/kg	(1)	3000		2110		5180		2780
Manganese	7439-96-5	mg/kg	(1)	371		560		635		418
Mercury	7439-97-6	mg/kg	(1)	0.32		0.53		1.8 D		0.15
Nickel	7440-02-0	mg/kg	(1)	14.3		12.3		26.3		13.3
Potassium	7440-09-7	mg/kg	(1)	932		576		1560		611
Selenium	7782-49-2	mg/kg	(1)	< 0.449 U		0.66		0.81		< 0.449 U
Silver	7440-22-4	mg/kg	(1)	< 0.803 U		< 0.803 U		< 0.803 U		< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	114		74		92.1		181
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U		< 34.3 U		< 34.3 U		< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	24.8		37.9		47.7		22.6
Zinc	7440-66-6	mg/kg	(1)	65.4		138		1080		326
Other										
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U		< 0.075 U		< 0.075 U		< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U
Aroclor 1016	12674-11-2	mg/kg	(2)					< 0.1 UJ		
Aroclor 1221	11104-28-2	mg/kg	(1)					< 0.1 UTJ		
Aroclor 1232	11141-16-5	mg/kg	(1)					< 0.1 UTJ		
Aroclor 1242	53469-21-9	mg/kg	(1)					< 0.1 UTJ		
Aroclor 1248	12672-29-6	mg/kg	(1)					< 0.1 UTJ		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SB140-3 4/29/1994 4 - 6 SB140-3D(4-6) SO	140 F-SS140-1 11/18/1993 .5 - 1 SS140-1B(0.5-1) SO	140 F-SS140-1 11/18/1993 0 - .5 SS140-1A(0-0.5) SO	140 F-SS140-2 11/18/1993 .5 - 1 SS140-2B(0.5-1) SO	140 F-SS140-2 11/18/1993 0 - .5 SS140-2A(0-0.5) SO	140 F-SS140-3 11/18/1993 .5 - 1 SS140-3B(0.5-1) SO	140 F-SS140-3 11/18/1993 0 - .5 SS140-3A(0-0.5) SO
PCBs (continued)										
Aroclor 1254	11097-69-1	mg/kg	(1)					< 0.048 UTJ		
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.79 U		< 0.79 U		< 0.79 U		< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)					< 0.0479 UJ		
Aroclor 1262	37324-23-5	mg/kg	(1)	< 6.3 U		< 6.3 U		< 6.3 U		< 6.3 U
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.064 U		< 0.064 U		< 0.27 UJ		< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)					< 0.064 U		
4,4'-DDE	72-55-9	mg/kg	(1)	< 0.068 U		< 0.068 U		< 0.068 U		< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)					0.02 J		
4,4'-DDT	50-29-3	mg/kg	(1)	< 0.1 U		< 0.1 U		0.01 J		< 0.1 U
4,4'-DDT	50-29-3	mg/kg	(2)					< 0.1 U		
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U		< 1.3 U		< 1.3 U		< 1.3 U
Aldrin	309-00-2	mg/kg	(2)					< 0.14 UJ		
alpha-BHC	319-84-6	mg/kg	(1)	< 1.3 U		< 1.3 U		< 1.3 U		< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)					< 0.28 UJ		
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 1.3 U		< 1.3 U		< 1.3 U		< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)					< 0.77 UJ		
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U		< 0.68 U		< 0.0684 UJ		< 0.68 U
Chlordane	57-74-9	mg/kg	(2)					< 0.68 U		
delta-BHC	319-86-8	mg/kg	(1)	< 0.21 U		< 0.21 U		< 0.85 UJ		< 0.21 U
delta-BHC	319-86-8	mg/kg	(2)					< 0.21 U		
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U		< 0.079 U		< 0.079 U		< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)					< 0.16 UJ		
Endosulfan I	959-98-8	mg/kg	(1)	< 0.4 U		< 0.4 U		0.21 NJ		< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)					< 0.4 U		
Endosulfan II	33213-65-9	mg/kg	(1)	< 2.4 U		< 2.4 U		< 2.4 U		< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)					< 0.07 UJ		
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U		< 1.2 U		< 1.2 U		< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)					< 0.05 UTJ		
Endrin	72-20-8	mg/kg	(1)	< 1.3 U		< 1.3 U		< 1.3 U		< 1.3 U
Endrin	72-20-8	mg/kg	(2)					< 0.65 UJ		
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)					< 0.05 UTJ		
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 U		< 0.1 U		< 0.1 U		< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)					< 0.1 UJ		
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)					< 0.22 UJ		
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U		< 0.48 U		< 0.48 U		< 0.48 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)					< 0.13 UJ		
Isodrin	465-73-6	mg/kg	(1)	< 0.48 U		< 0.48 U		< 0.48 U		< 0.48 U
Isodrin	465-73-6	mg/kg	(2)					< 0.3 UJ		
Malathion	121-75-5	mg/kg	(1)	< 0.18 U		< 0.18 U		< 0.18 U		< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U		< 0.26 U		< 0.0359 UJ		< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)					< 0.26 U		
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U		< 0.14 U		< 0.14 U		< 0.14 U
Parathion	56-38-2	mg/kg	(1)	< 1.7 U		< 1.7 U		< 1.7 U		< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U		< 0.097 U		< 0.097 U		< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U		< 0.066 U		< 0.066 U		< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U		< 0.32 U		< 0.32 U		< 0.32 U
Supona	470-90-6	mg/kg	(1)	< 0.92 U		< 0.92 U		< 0.92 U		< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 12 U		< 12 U		< 0.226 UJ		< 12 U
Toxaphene	8001-35-2	mg/kg	(2)					< 12 U		
Vapona	62-73-7	mg/kg	(1)	< 0.068 U		< 0.068 U		< 0.068 U		< 0.068 U

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SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U		< 0.22 U		< 0.22 U		< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U		< 0.042 U		< 0.042 U		< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U		< 0.52 U		< 0.52 U		< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U	< 0.14 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)	< 0.042 U						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U		< 0.034 U		< 0.034 U		< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U		< 0.49 U		< 0.49 U		< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U		< 0.061 U		< 0.061 U		< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U		< 3 U		< 3 U		< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U		< 4.7 U		< 4.7 U		< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U		< 0.57 U		< 0.57 U		< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U		< 0.055 U		< 0.055 U		< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U		< 0.098 U		< 0.098 U		< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U		< 1.6 U		< 1.6 U		< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U		< 1.6 U		< 1.6 U		< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U		< 3 U		< 3 U		< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U		< 0.8 U		< 0.8 U		< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U		< 0.041 U		< 0.041 U		< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U		< 0.93 U		< 0.93 U		< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U		< 0.17 U		< 0.17 U		< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#		< 0.24 U#		< 0.24 U#		< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U		< 3.3 U		< 3.3 U		< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.041 U		< 0.041 U		< 0.041 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U		< 0.033 U		< 0.033 U		< 0.033 U
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U		< 0.71 U		< 0.71 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.041 U		0.15		0.1		< 0.041 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U		< 1.2 U		< 1.2 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.31 U		< 0.31 U		< 0.31 U		< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.18 U		< 0.18 U		< 0.18 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U		< 0.13 U		< 0.13 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U		< 0.19 U		< 0.19 U		< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U		< 0.36 U		< 0.36 U		< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U		< 0.44 U		< 0.44 U		< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U		5.5		< 0.48 U		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	< 0.032 U		0.2		0.12		< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U		< 0.31 U		< 0.31 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U		< 0.38 U		< 0.38 U		< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U		< 0.57 U		< 0.57 U		< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U		< 0.24 U		< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U		< 0.063 U		< 0.063 U		0.27
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.3 U		2		5.2		< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U		< 0.23 U		< 0.23 U		< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	0.04		0.26		0.14		< 0.032 U
Fluorene	86-73-7	mg/kg	(1)	< 0.065 U		< 0.065 U		< 0.065 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U		< 0.08 U		< 0.08 U		< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U		< 0.97 U		< 0.97 U		< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U		< 0.52 U		< 0.52 U		< 0.52 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	140 F-SB140-3 4/29/1994 4 - 6 SB140-3D(4-6) SO	140 F-SS140-1 11/18/1993 .5 - 1 SS140-1B(0.5-1) SO	140 F-SS140-1 11/18/1993 0 - .5 SS140-1A(0-0.5) SO	140 F-SS140-2 11/18/1993 .5 - 1 SS140-2B(0.5-1) SO	140 F-SS140-2 11/18/1993 0 - .5 SS140-2A(0-0.5) SO	140 F-SS140-3 11/18/1993 .5 - 1 SS140-3B(0.5-1) SO	140 F-SS140-3 11/18/1993 0 - .5 SS140-3A(0-0.5) SO
SVOC (continued)										
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U		< 1.8 U		< 1.8 U		< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U		< 2.4 U		< 2.4 U		< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U		< 0.39 U		< 0.39 U		< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U		< 0.74 U		< 0.74 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U		< 0.46 U		< 0.46 U		< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U		< 1.1 U		< 1.1 U		< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U		< 0.29 U		1.5		< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U		< 0.76 U		< 0.76 U		< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		< 0.032 U
Phenol	108-95-2	mg/kg	(1)	< 0.052 U		< 0.052 U		< 0.052 U		< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	< 0.083 U		0.19		< 0.083 U		< 0.083 U
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U	< 0.33 U		< 0.33 U		< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U	< 0.49 U		< 0.49 U		< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U	< 0.27 U		< 0.27 U		< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U		< 0.032 U		< 0.032 U		< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U	< 0.53 U		< 0.53 U		< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U		< 0.62 U		< 0.62 U		< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U	< 4.3 U		< 4.3 U		< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U	< 0.5 U		< 0.5 U		< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U	< 0.63 U		< 0.63 U		< 0.63 U	
Acetone	67-64-1	mg/kg	(1)	< 3.3 U	< 3.3 U		< 3.3 U		< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U	< 2 U		< 2 U		< 2 U	
Benzene	71-43-2	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)	< 0.2 U	< 0.2 U		< 0.2 U		< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)	< 0.26 U	< 0.26 U		< 0.26 U		< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.31 U	< 0.31 U		< 0.31 U		< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)	< 0.64 U	< 0.64 U		< 0.64 U		< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)	< 0.96 U	< 0.96 U		< 0.96 U		< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.25 U	< 0.25 U		< 0.25 U		< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U		< 0.071 U		< 0.071 U		< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.19 U	< 0.19 U		< 0.19 U		< 0.19 U	
Methylene chloride	75-09-2	mg/kg	(1)	< 4.4 U	< 4.4 U		< 4.4 U		< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.16 U	< 0.16 U		< 0.16 U		< 0.16 U	
Toluene	108-88-3	mg/kg	(1)	< 0.1 U	< 0.1 U		< 0.1 U		< 0.1 U	
Trichloroethene	79-01-6	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.8 U	< 1.8 U		< 1.8 U		< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)	< 0.78 U	< 0.78 U		< 0.78 U		< 0.78 U	
WetChem										
% Moisture	%Moist	%	(1)							
Cyanide	57-12-5	mg/kg	(1)	< 0.25 U		< 0.25 U		0.84		< 0.25 U

			Site Name	151	151	151
			Location ID	H-151-MW-001	H-151-MW-001	H-151-MW-002
			Sample Date	10/17/1996	12/21/2000	12/21/2000
			Depth Interval	24.84 - 34.84	24.84 - 34.84	25 - 35
			Sample ID	151MW-1(19961017)	151MW-1(20001221)	151MW-2(20001221)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U		< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U		< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U		< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)			< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)			< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)			< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 1.21 U		0.99
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U		< 10 U
Nitrobenzene	98-95-3	ug/L	(2)			< 0.2 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 553 U		
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U		< 2.5 U
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U		
PETN	78-11-5	ug/L	(1)	< 20 U		< 2.5 U
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U		
RDX	121-82-4	ug/L	(1)	< 1.17 U		1.6
Tetrazene	14097-21-3	ug/L	(1)	< 40 U		
Tetryl	479-45-8	ug/L	(1)	< 1.56 U		< 0.2 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U		< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U		< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			< 0.2 U
Metals						
Aluminum	7429-90-5	ug/L	(1)	43.1		
Antimony	7440-36-0	ug/L	(1)	< 1 U		
Arsenic	7440-38-2	ug/L	(1)	< 1 U		
Barium	7440-39-3	ug/L	(1)	11.8		
Beryllium	7440-41-7	ug/L	(1)	< 5 U		
Boron	7440-42-8	ug/L	(1)	< 50 U		
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U		
Calcium	7440-70-2	ug/L	(1)	2130		
Chromium	7440-47-3	ug/L	(1)	< 6.96 U		
Cobalt	7440-48-4	ug/L	(1)	< 50 U		
Copper	7440-50-8	ug/L	(1)	< 5 U		
Iron	7439-89-6	ug/L	(1)	39.6		
Lead	7439-92-1	ug/L	(1)	25.1	14 J	< 3 U
Lead	7439-92-1	ug/L	(2)		< 3 U	
Magnesium	7439-95-4	ug/L	(1)	3160		
Manganese	7439-96-5	ug/L	(1)	29.6		
Mercury	7439-97-6	ug/L	(1)	< 0.243 U		
Nickel	7440-02-0	ug/L	(1)	< 7.11 U		
Potassium	7440-09-7	ug/L	(1)	1170		
Selenium	7782-49-2	ug/L	(1)	< 2 U		
Silver	7440-22-4	ug/L	(1)	< 4.42 U		
Sodium	7440-23-5	ug/L	(1)	16300		
Strontium	7440-24-6	ug/L	(1)	12.6		
Thallium	7440-28-0	ug/L	(1)	< 1 U		
Titanium	7440-32-6	ug/L	(1)	< 2 U		
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U		
Zinc	7440-66-6	ug/L	(1)	< 35.8 U		
Zirconium	7440-67-7	ug/L	(1)	< 1 U		
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)			< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)			< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			< 10 U

			Site Name	151	151	151
			Location ID	H-151-MW-001	H-151-MW-001	H-151-MW-002
			Sample Date	10/17/1996	12/21/2000	12/21/2000
			Depth Interval	24.84 - 34.84	24.84 - 34.84	25 - 35
			Sample ID	151MW-1(19961017)	151MW-1(20001221)	151MW-2(20001221)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
2,4-Dichlorophenol	120-83-2	ug/L	(1)			< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)			< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)			< 50 U
2-Chloronaphthalene	91-58-7	ug/L	(1)			< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)			< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)			< 10 U
2-Methylphenol	95-48-7	ug/L	(1)			< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)			< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)			< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			< 50 UJ
3-Nitroaniline	99-09-2	ug/L	(1)			< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)			< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)			< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			< 10 U
4-Methylphenol	106-44-5	ug/L	(1)			< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)			< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)			< 50 U
Acenaphthene	83-32-9	ug/L	(1)			< 10 U
Acenaphthylene	208-96-8	ug/L	(1)			< 10 U
Aniline	62-53-3	ug/L	(1)			< 10 U
Anthracene	120-12-7	ug/L	(1)			< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)			< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)			< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)			< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)			< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)			< 10 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)			< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)			< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)			< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)			< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)			< 10 U
Carbazole	86-74-8	ug/L	(1)			< 10 U
Chrysene	218-01-9	ug/L	(1)			< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)			< 10 UJ
Dibenzofuran	132-64-9	ug/L	(1)			< 10 U
Diethylphthalate	84-66-2	ug/L	(1)			< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)			< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)			< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)			< 10 U
Diphenylamine	122-39-4	ug/L	(1)			< 10 U
Fluoranthene	206-44-0	ug/L	(1)			< 10 U
Fluorene	86-73-7	ug/L	(1)			< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)			< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)			< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)			< 50 U
Hexachloroethane	67-72-1	ug/L	(1)			< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)			< 10 UJ
Isophorone	78-59-1	ug/L	(1)			< 10 U
Naphthalene	91-20-3	ug/L	(1)			< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)			< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)			< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)			< 10 U
Phenanthrene	85-01-8	ug/L	(1)			< 10 U
Phenol	108-95-2	ug/L	(1)			< 10 U
Pyrene	129-00-0	ug/L	(1)			< 10 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)			< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)			< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)			< 1 U

			Site Name	151	151	151
			Location ID	H-151-MW-001	H-151-MW-001	H-151-MW-002
			Sample Date	10/17/1996	12/21/2000	12/21/2000
			Depth Interval	24.84 - 34.84	24.84 - 34.84	25 - 35
			Sample ID	151MW-1(19961017)	151MW-1(20001221)	151MW-2(20001221)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
1,1-Dichloroethene	75-35-4	ug/L	(1)			< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)			< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)			< 1 U
2-Butanone	78-93-3	ug/L	(1)			< 10 U
2-Hexanone	591-78-6	ug/L	(1)			< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)			< 5 U
Acetone	67-64-1	ug/L	(1)			< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)			< 20 U
Benzene	71-43-2	ug/L	(1)			< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)			< 1 U
Bromoform	75-25-2	ug/L	(1)			< 1 UJ
Bromomethane	74-83-9	ug/L	(1)			< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)			< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)			< 1 UJ
Chlorobenzene	108-90-7	ug/L	(1)			< 1 U
Chloroethane	75-00-3	ug/L	(1)			< 2 U
Chloroform	67-66-3	ug/L	(1)			< 1 (U)
Chloromethane	74-87-3	ug/L	(1)			< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)			< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)			< 2 UJ
Ethyl benzene	100-41-4	ug/L	(1)			< 1 U
Methylene chloride	75-09-2	ug/L	(1)			< 1 U
Styrene	100-42-5	ug/L	(1)			< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)			< 1 U
Toluene	108-88-3	ug/L	(1)			< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			< 1 U
Trichloroethene	79-01-6	ug/L	(1)			< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)			< 2 U
Vinyl chloride	75-01-4	ug/L	(1)			< 2 U
Xylenes	1330-20-7	ug/L	(1)			< 1 U
WetChem						
Ammonia	7664-41-7	ug/L	(1)	< 60 U		
Chloride	16887-00-6	ug/L	(1)	30700		
Cyanide	57-12-5	ug/L	(1)	< 2.5 U		
Fluoride	16984-48-8	ug/L	(1)	< 1230 U		
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	99.2		
Phosphate	14265-44-2	ug/L	(1)	< 13.3 U		
Sulfate	14808-79-8	ug/L	(1)	13000		
Sulfide	18496-25-8	ug/L	(1)	< 50 U		

			Site Name	151
			Location ID	H-151-MW-002
			Sample Date	12/21/2000
			Depth Interval	25 - 35
			Sample ID	151MW-2DUP(20001221)
			Sample Matrix	WG
Chemical Name	CAS No	Unit	ValueNo	
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 0.5 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U
Nitrocellulose	9004-70-0	ug/L	(1)	
Nitroglycerin	55-63-0	ug/L	(1)	
Nitroguanidine	556-88-7	ug/L	(1)	
PETN	78-11-5	ug/L	(1)	
Picric Acid	88-89-1	ug/L	(1)	
RDX	121-82-4	ug/L	(1)	0.37 J
Tetrazene	14097-21-3	ug/L	(1)	
Tetryl	479-45-8	ug/L	(1)	< 0.2 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	0.14 J
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U
Metals				
Aluminum	7429-90-5	ug/L	(1)	
Antimony	7440-36-0	ug/L	(1)	
Arsenic	7440-38-2	ug/L	(1)	
Barium	7440-39-3	ug/L	(1)	
Beryllium	7440-41-7	ug/L	(1)	
Boron	7440-42-8	ug/L	(1)	
Cadmium	7440-43-9	ug/L	(1)	
Calcium	7440-70-2	ug/L	(1)	
Chromium	7440-47-3	ug/L	(1)	
Cobalt	7440-48-4	ug/L	(1)	
Copper	7440-50-8	ug/L	(1)	
Iron	7439-89-6	ug/L	(1)	
Lead	7439-92-1	ug/L	(1)	< 3 U
Lead	7439-92-1	ug/L	(2)	
Magnesium	7439-95-4	ug/L	(1)	
Manganese	7439-96-5	ug/L	(1)	
Mercury	7439-97-6	ug/L	(1)	
Nickel	7440-02-0	ug/L	(1)	
Potassium	7440-09-7	ug/L	(1)	
Selenium	7782-49-2	ug/L	(1)	
Silver	7440-22-4	ug/L	(1)	
Sodium	7440-23-5	ug/L	(1)	
Strontium	7440-24-6	ug/L	(1)	
Thallium	7440-28-0	ug/L	(1)	
Titanium	7440-32-6	ug/L	(1)	
Vanadium	7440-62-2	ug/L	(1)	
Zinc	7440-66-6	ug/L	(1)	
Zirconium	7440-67-7	ug/L	(1)	
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U

			Site Name	151
			Location ID	H-151-MW-002
			Sample Date	12/21/2000
			Depth Interval	25 - 35
			Sample ID	151MW-2DUP(20001221)
			Sample Matrix	WG
Chemical Name	CAS No	Unit	ValueNo	
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 UJ
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U
Acenaphthene	83-32-9	ug/L	(1)	< 10 U
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U
Aniline	62-53-3	ug/L	(1)	< 10 U
Anthracene	120-12-7	ug/L	(1)	< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U
Carbazole	86-74-8	ug/L	(1)	< 10 U
Chrysene	218-01-9	ug/L	(1)	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 UJ
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U
Diphenylamine	122-39-4	ug/L	(1)	< 10 U
Fluoranthene	206-44-0	ug/L	(1)	< 10 U
Fluorene	86-73-7	ug/L	(1)	< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 UJ
Isophorone	78-59-1	ug/L	(1)	< 10 U
Naphthalene	91-20-3	ug/L	(1)	< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U
Phenanthrene	85-01-8	ug/L	(1)	< 10 U
Phenol	108-95-2	ug/L	(1)	< 10 U
Pyrene	129-00-0	ug/L	(1)	< 10 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U

			Site Name	151
			Location ID	H-151-MW-002
			Sample Date	12/21/2000
			Depth Interval	25 - 35
			Sample ID	151MW-2DUP(20001221)
			Sample Matrix	WG
Chemical Name	CAS No	Unit	ValueNo	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U
2-Hexanone	591-78-6	ug/L	(1)	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)	< 20 U
Benzene	71-43-2	ug/L	(1)	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 UJ
Bromomethane	74-83-9	ug/L	(1)	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)	0.63 J
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 UJ
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 (U)
Chloromethane	74-87-3	ug/L	(1)	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 UJ
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U
WetChem				
Ammonia	7664-41-7	ug/L	(1)	
Chloride	16887-00-6	ug/L	(1)	
Cyanide	57-12-5	ug/L	(1)	
Fluoride	16984-48-8	ug/L	(1)	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	
Phosphate	14265-44-2	ug/L	(1)	
Sulfate	14808-79-8	ug/L	(1)	
Sulfide	18496-25-8	ug/L	(1)	

Historic Analytical Results for Soil Samples at PICA 175/Site 151

		Site Name	151	151	151
		Location ID	H-151-MW-001	H-151-SS-001A	H-151-SS-002A
		Sample Date	5/28/1996	12/7/1995	12/7/1995
		Depth Interval	0 - 2	0 - 1	0 - 1
		Sample ID	151MW-1A(0-2)	151SS-1A(0-1)	151SS-2A(0-1)
		Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 UJ	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U
Metals					
Aluminum	7429-90-5	mg/kg	9090	4630	11200
Antimony	7440-36-0	mg/kg	< 0.1 U	0.22	< 0.1 U
Arsenic	7440-38-2	mg/kg	6.47	1.6	7.27
Barium	7440-39-3	mg/kg	46.5	35.6	38.9
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	0.69
Boron	7440-42-8	mg/kg	7.99	< 5.91 U	7.24
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	1540	713	206
Chromium	7440-47-3	mg/kg	20.8	11.3	16.3
Cobalt	7440-48-4	mg/kg	7.2	2.91	9.13
Copper	7440-50-8	mg/kg	23.6	19.3	23.7
Iron	7439-89-6	mg/kg	21700	13000	19600
Lead	7439-92-1	mg/kg	37.4	15.6	27
Magnesium	7439-95-4	mg/kg	3250	1010	1370
Manganese	7439-96-5	mg/kg	336	105	119
Mercury	7439-97-6	mg/kg	0.07	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	14	3.58	13.8
Potassium	7440-09-7	mg/kg	1360	575	651
Selenium	7782-49-2	mg/kg	0.98	< 0.25 U	0.96
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	888	295	283
Strontium	7440-24-6	mg/kg	5.03	23.8 J	20.8 J
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	0.25
Titanium	7440-32-6	mg/kg	185	88.6	310
Vanadium	7440-62-2	mg/kg	26.1	16.4	23.2
Zinc	7440-66-6	mg/kg	89	25.9	48.3
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U	8.71
WetChem					
Ammonia	7664-41-7	mg/kg	31.3	< 12.5 U	31.2
Chloride	16887-00-6	mg/kg	53.1	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	5.88	< 3.62 U	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	0.85	< 0.6 U	< 0.6 U
Phosphate	14265-44-2	mg/kg	640	170	380
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	130
Sulfide	18496-25-8	mg/kg	9.28	< 6 U	< 6 U

			Site Name	152	152
			Location ID	M-B-SB-SD-28	M-B-SB-SD-29
			Sample Date	3/10/1999	3/10/1999
			Depth Interval	0 - 1	0 - 1
			Sample ID	BSBSD-28(0-1)	BSBSD-29(0-1)
			Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**		
Dioxins					
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)	0.01 J	< 0.0113 UJ
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)	< 0.589 U	< 0.993 UJ
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)	< 0.507 U	< 0.859 UJ
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)	< 0.54 U	< 0.904 UJ
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)	< 0.671 U	< 0.0281 UJ
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)	< 0.655 U	< 0.0193 UJ
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)	< 0.998 U	< 0.0222 UJ
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)	0.01 J	< 0.0113 UJ
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)	< 0.54 U	< 0.919 UJ
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)	0.6 J	< 0.0281 UJ
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)	< 0.655 U	< 0.0193 UJ
Explosives					
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.409 U	< 0.37 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.409 U	< 0.37 U
2- and 4-Nitrotoluene	88-72-2/99-99-0	mg/kg	(1)	< 0.409 U	< 0.37 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.409 U	< 0.37 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.409 U	< 0.37 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.409 U	< 0.37 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.409 U	< 0.37 U
HMX	2691-41-0	mg/kg	(1)	< 0.409 U	< 0.37 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.409 U	< 0.37 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 0.54 U	< 0.489 U
Nitrocellulose	9004-70-0	mg/kg-wetweight	(1)	< 2.9 UJ	< 2.4 UJ
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.818 U	< 0.741 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.409 U	< 0.37 U
PETN	78-11-5	mg/kg	(1)	< 0.818 U	< 0.741 U
RDX	121-82-4	mg/kg	(1)	< 0.409 U	< 0.37 U
Tetryl	479-45-8	mg/kg	(1)	< 0.409 U	< 0.37 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.409 U	< 0.37 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.54 U	< 0.489 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.409 U	< 0.37 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.54 U	< 0.489 U
Furans					
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)	< 0.393 U	< 0.904 UJ
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)	< 0.442 U	< 0.0102 UJ
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)	< 0.393 U	< 0.83 UJ
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)	< 0.36 U	< 0.741 UJ
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)	< 0.442 U	< 0.904 UJ
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)	< 0.442 U	< 0.0267 UJ
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)	< 0.409 U	< 0.83 UJ
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)	< 0.426 U	< 0.0252 UJ
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)	< 0.426 U	< 0.0107 UJ
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)	< 0.0101 U	< 0.0163 UJ
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)	< 0.409 U	< 0.963 UJ
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)	< 0.393 U	< 0.83 UJ
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)	< 0.442 U	< 0.474 UJ
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)	< 0.426 U	< 0.356 UJ
Metals					
Aluminum	7429-90-5	mg/kg	(1)	2830 J	4610
Antimony	7440-36-0	mg/kg	(1)	0.42 J	0.41 J
Arsenic	7440-38-2	mg/kg	(1)	6.71	5.63
Barium	7440-39-3	mg/kg	(1)	68.1	58.7
Beryllium	7440-41-7	mg/kg	(1)	1.01	0.54 J
Boron	7440-42-8	mg/kg	(1)	< 32.7 U	< 29.6 U
Cadmium	7440-43-9	mg/kg	(1)	2.29	1.48
Calcium	7440-70-2	mg/kg	(1)	735 J	1010
Chromium	7440-47-3	mg/kg	(1)	5.24	10.4
Cobalt	7440-48-4	mg/kg	(1)	27	22.1
Copper	7440-50-8	mg/kg	(1)	30.4	40.4 J
Iron	7439-89-6	mg/kg	(1)	13400 J	16700 J
Lead	7439-92-1	mg/kg	(1)	81.7 J	63.1 J
Magnesium	7439-95-4	mg/kg	(1)	429 J	2070
Manganese	7439-96-5	mg/kg	(1)	1120 J	681
Mercury	7439-97-6	mg/kg	(1)	0.11 J	0.14 J

Chemical Name	CAS No	Unit		Site Name: 152 Location ID: M-B-SB-SD-28 Sample Date: 3/10/1999 Depth Interval: 0 - 1 Sample ID: BSBSD-28(0-1) Sample Matrix: SE ValueNo	Site Name: 152 Location ID: M-B-SB-SD-29 Sample Date: 3/10/1999 Depth Interval: 0 - 1 Sample ID: BSBSD-29(0-1) Sample Matrix: SE
Metals (continued)					
Nickel	7440-02-0	mg/kg	(1)	16.5	15.6
Potassium	7440-09-7	mg/kg	(1)	318 J	907
Selenium	7782-49-2	mg/kg	(1)	< 0.818 U	< 0.741 U
Silver	7440-22-4	mg/kg	(1)	< 0.818 U	< 0.741 U
Sodium	7440-23-5	mg/kg	(1)	< 818 U	< 741 U
Thallium	7440-28-0	mg/kg	(1)	< 1.64 U	< 1.48 U
Titanium	7440-32-6	mg/kg	(1)	79.5 J	296 J
Vanadium	7440-62-2	mg/kg	(1)	11.8	17.9
Zinc	7440-66-6	mg/kg	(1)	163 J	175 J
PCBs					
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.262 UD	< 0.489 UD
Pesticides					
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.278 UJ	< 0.252 UJ
4,4'-DDE	72-55-9	mg/kg	(1)	0.4 NJ	< 0.252 U
4,4'-DDT	50-29-3	mg/kg	(1)	0.44 NJ	0.01 NJ
Aldrin	309-00-2	mg/kg	(1)	< 0.278 U	0.34 NJ
alpha-BHC	319-84-6	mg/kg	(1)	0.65 NJ	0.81 NJ
alpha-Chlordane	5103-71-9	mg/kg	(1)	< 0.278 U	< 0.252 U
beta-BHC	319-85-7	mg/kg	(1)	< 0.278 U	0.71 NJ
delta-BHC	319-86-8	mg/kg	(1)	0.13 NJ	< 0.252 U
Diazinon	333-41-5	mg/kg	(1)	< 0.054 U	< 4.89 UD
Dieldrin	60-57-1	mg/kg	(1)	< 0.278 U	< 0.252 U
Endosulfan I	959-98-8	mg/kg	(1)	< 0.278 U	< 0.252 U
Endosulfan II	33213-65-9	mg/kg	(1)	< 0.278 UJ	< 0.252 UJ
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 0.278 U	< 0.252 U
Endrin	72-20-8	mg/kg	(1)	< 0.278 U	0.12 NJ
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 0.278 U	0.01 NJ
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.278 UJ	< 0.252 UJ
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.278 U	< 0.252 U
gamma-Chlordane	5103-74-2	mg/kg	(1)	< 0.278 U	0.81 NJ
Heptachlor	76-44-8	mg/kg	(1)	0.01 NJ	0.02 NJ
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.278 U	< 0.252 U
Malathion	121-75-5	mg/kg	(1)	< 0.054 U	< 4.89 UD
Methoxychlor	72-43-5	mg/kg	(1)	< 0.262 UD	< 0.237 UD
Toxaphene	8001-35-2	mg/kg	(1)	< 5.56 UD	< 0.0993 U
SVOC					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.54 U	< 0.489 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.54 U	< 0.489 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.54 U	< 0.489 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.54 U	< 0.489 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.54 U	< 0.489 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.54 U	< 0.489 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.54 U	< 0.489 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.54 U	< 0.489 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 2.62 U	< 2.37 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.54 U	< 0.489 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.54 U	< 0.489 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.54 U	< 0.489 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.54 U	< 0.489 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 2.62 U	< 2.37 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.54 U	< 0.489 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 2.62 U	< 2.37 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 2.62 U	< 2.37 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 2.62 U	< 2.37 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.54 U	< 0.489 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.54 U	< 0.489 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.54 U	< 0.489 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.54 U	< 0.489 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.54 U#	< 0.489 U#

			Site Name	152	152
			Location ID	M-B-SB-SD-28	M-B-SB-SD-29
			Sample Date	3/10/1999	3/10/1999
			Depth Interval	0 - 1	0 - 1
			Sample ID	BSBSD-28(0-1)	BSBSD-29(0-1)
			Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**		
SVOC (continued)					
4-Nitroaniline	100-01-6	mg/kg	(1)	< 2.62 U	< 2.37 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 2.62 U	< 2.37 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.54 U	0.11 J
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.54 U	< 0.489 U
Aniline	62-53-3	mg/kg	(1)	< 0.54 U	< 0.489 U
Anthracene	120-12-7	mg/kg	(1)	< 0.54 U	0.25 J
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.54 U	0.63
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.54 U	0.41 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.54 U	0.51
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.54 U	0.17 J
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.54 U	0.22 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.54 U	< 0.489 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.54 U	< 0.489 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.54 U	< 0.489 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.54 U	< 0.489 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.54 U	< 0.489 U
Carbazole	86-74-8	mg/kg	(1)	< 0.54 U	0.13 J
Chrysene	218-01-9	mg/kg	(1)	< 0.54 U	0.56
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.54 U	< 0.489 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.54 U	0.06 J
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.54 U	< 0.489 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.54 U	< 0.489 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.54 U	< 0.489 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.54 U	< 0.489 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.54 U	< 0.489 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.54 U	1.16
Fluorene	86-73-7	mg/kg	(1)	< 0.54 U	0.1 J
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.54 U	< 0.489 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.54 U	< 0.489 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 2.62 U	< 2.37 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.54 U	< 0.489 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.54 U	0.19 J
Isophorone	78-59-1	mg/kg	(1)	< 0.54 U	< 0.489 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.54 U	0.09 J
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.54 U	< 0.489 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.54 U	< 0.489 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.54 U	< 0.489 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.54 U	1.01
Phenol	108-95-2	mg/kg	(1)	< 0.54 U	< 0.489 U
Pyrene	129-00-0	mg/kg	(1)	< 0.54 U	1.05 J
WetChem					
% Moisture	%Moist	%	(1)	31.7	15.5
% Solids	%Solid	%	(1)	61.1	67.5
Cyanide	57-12-5	mg/kg	(1)	< 0.818 U	< 0.741 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	152 / M-152-SS-001 / 10/20/2000 / 0 - 1 / 152SS-1A(0-1) / SO	152 / M-152-SS-002 / 10/20/2000 / 0 - 1 / 152SS-2A(0-1) / SO	152 / M-152-SS-003 / 10/20/2000 / 0 - 1 / 152SS-3A(0-1) / SO	152 / M-152-SS-004 / 10/20/2000 / 1 - 2 / 152SS-4B(1-2) / SO	152 / M-604-SS-B / 10/20/2000 / 0 - 1 / 604SS-B(0-1) / SO
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Nitroglycerin	55-63-0	mg/kg		< 0.5 U			
PETN	78-11-5	mg/kg		< 0.5 U			
RDX	121-82-4	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Tetryl	479-45-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U

			Site Name	152	152	152
			Location ID	M-B-SB-SW-28	M-B-SB-SW-28	M-B-SB-SW-29
			Sample Date	3/10/1999	3/10/1999	3/10/1999
			Depth Interval			
			Sample ID	BSBSW-28(19990310)	BSBSW-28DUP(19990310)	BSBSW-29(19990310)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.3 U	< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	< 1 U	< 1 U
HMX	2691-41-0	ug/L	(1)	< 1 U	< 1 U	0.11 J
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U	< 1 U	< 10 U
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U	< 10 U	< 1 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U	< 500 U	< 500 U
Nitroglycerin	55-63-0	ug/L	(1)	< 1 U	< 1 U	< 1 U
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U	< 20 U	< 20 U
PETN	78-11-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
RDX	121-82-4	ug/L	(1)	< 0.8 U	< 0.8 U	0.41 J
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1 U	< 1 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 10 U	< 0.1 U	< 10 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 0.1 U	< 10 U	< 0.1 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 10 U	< 0.3 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U	< 0.3 U	< 10 U
Metals						
Aluminum	7429-90-5	ug/L	(1)	210	68 J	< 200 U
Antimony	7440-36-0	ug/L	(1)	< 10 U	< 10 U	< 10 U
Arsenic	7440-38-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Barium	7440-39-3	ug/L	(1)	38 J	31 J	24 J
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U	< 5 U
Boron	7440-42-8	ug/L	(1)	< 200 U	< 200 U	< 200 U
Cadmium	7440-43-9	ug/L	(1)	< 2 U	< 2 U	< 2 U
Calcium	7440-70-2	ug/L	(1)	4700 J	4100 J	3700 J
Chromium	7440-47-3	ug/L	(1)	< 5 U	< 5 U	< 5 U
Cobalt	7440-48-4	ug/L	(1)	2.9 J	1.4 J	< 7 U
Copper	7440-50-8	ug/L	(1)	4.8 J	< 25 U	< 25 U
Iron	7439-89-6	ug/L	(1)	870	300	140
Lead	7439-92-1	ug/L	(1)	5.2	< 3 U	< 3 U
Magnesium	7439-95-4	ug/L	(1)	1200 J	1200 J	1100 J
Manganese	7439-96-5	ug/L	(1)	94	29	13 J
Mercury	7439-97-6	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U
Nickel	7440-02-0	ug/L	(1)	< 40 U	< 40 U	< 40 U
Potassium	7440-09-7	ug/L	(1)	340 J	330 J	240 J
Selenium	7782-49-2	ug/L	(1)	< 5 U	< 5 U	< 5 U
Silver	7440-22-4	ug/L	(1)	1.1 J	< 5 U	< 5 U
Sodium	7440-23-5	ug/L	(1)	8100	4800 J	4800 J
Thallium	7440-28-0	ug/L	(1)	< 10 U	< 10 U	< 10 U
Titanium	7440-32-6	ug/L	(1)	< 50 U	< 50 U	< 50 U
Vanadium	7440-62-2	ug/L	(1)	< 7 U	< 7 U	< 7 U
Zinc	7440-66-6	ug/L	(1)	53	33	20
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Aroclor 1221	11104-28-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Aroclor 1232	11141-16-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Aroclor 1242	53469-21-9	ug/L	(1)	< 1 U	< 1 U	< 1 U
Aroclor 1248	12672-29-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
Aroclor 1254	11097-69-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
Aroclor 1260	11096-82-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
4,4'-DDE	72-55-9	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
4,4'-DDT	50-29-3	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Aldrin	309-00-2	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
alpha-BHC	319-84-6	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
alpha-Chlordane	5103-71-9	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
beta-BHC	319-85-7	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
delta-BHC	319-86-8	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Diazinon	333-41-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Dieldrin	60-57-1	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Endosulfan I	959-98-8	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Endosulfan II	33213-65-9	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Endrin	72-20-8	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Endrin ketone	53494-70-5	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	152 / M-B-SB-SW-28 / 3/10/1999 / BSBSW-28(19990310) / WS	152 / M-B-SB-SW-28 / 3/10/1999 / BSBSW-28DUP(19990310) / WS	152 / M-B-SB-SW-29 / 3/10/1999 / BSBSW-29(19990310) / WS
Pesticides (continued)						
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
gamma-Chlordane	5103-74-2	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Heptachlor	76-44-8	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Malathion	121-75-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Methoxychlor	72-43-5	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U
Toxaphene	8001-35-2	ug/L	(1)	< 2 U	< 2 U	< 2 U
SVOC						
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	< 10 U	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 UJ	< 50 UJ	< 50 UJ
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	< 50 U	< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	< 10 U	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	< 50 U	< 50 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 UJ	< 50 UJ	< 50 UJ
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U	< 50 U	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	< 10 U	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#	< 10 U#	< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 UJ	< 50 UJ	< 50 UJ
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	< 50 U	< 50 U
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	< 10 U	< 10 U
Aniline	62-53-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
Anthracene	120-12-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	< 10 U	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
Carbazole	86-74-8	ug/L	(1)	< 10 U	< 10 U	< 10 U
Chrysene	218-01-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	< 10 U	< 10 U
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	< 10 U	< 10 U
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	< 10 U	< 10 U
Fluorene	86-73-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U	< 50 U	< 50 U
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	< 10 U	< 10 U
Isophorone	78-59-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
Naphthalene	91-20-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	< 10 U	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	< 10 U	< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	< 10 U	< 10 U
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	< 10 U	< 10 U
Phenol	108-95-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Pyrene	129-00-0	ug/L	(1)	< 10 U	< 10 U	< 10 U
WetChem						
Cyanide	57-12-5	ug/L	(1)	< 10 U	< 10 U	< 10 U

Chemical Name	CAS No	Unit	Site Name: 158 Location ID: I-158-SD-001 Sample Date: 8/6/1996 Depth Interval: 0 - 1 Sample ID: 158SD-1(0-1) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-001 Sample Date: 10/14/1998 Depth Interval: 0 - .5 Sample ID: 158SD-1(0-0.5) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-001 Sample Date: 5/17/2001 Depth Interval: 1 - 2 Sample ID: 158SD-1B(1-2) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-002 Sample Date: 8/6/1996 Depth Interval: 0 - 1 Sample ID: 158SD-2(0-1) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-003 Sample Date: 5/17/2001 Depth Interval: 0 - 1 Sample ID: 158SD-3A(0-1) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-004 Sample Date: 5/17/2001 Depth Interval: 0 - 1 Sample ID: 158SD-4A(0-1) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-005 Sample Date: 5/17/2001 Depth Interval: 0 - 1 Sample ID: 158SD-5A(0-1) Sample Matrix: SE	Site Name: 158 Location ID: I-158-SD-006 Sample Date: 5/22/2002 Depth Interval: 0 - 1 Sample ID: 158SD-6A(0-1) Sample Matrix: SE
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U			< 0.488 U				
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U			< 0.496 U				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U			< 0.456 U				
HMX	2691-41-0	mg/kg	< 0.666 U			< 0.666 U				
Nitrobenzene	98-95-3	mg/kg	< 2.41 U			< 2.41 U				
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U			< 10.4 U				
Nitroglycerin	55-63-0	mg/kg	< 4 U			< 4 U				
Nitroguanidine	556-88-7	mg/kg	< 0.475 U			< 0.475 U				
PETN	78-11-5	mg/kg	< 4 U			< 4 U				
Picric Acid	88-89-1	mg/kg	< 0.108 U			< 0.108 U				
RDX	121-82-4	mg/kg	< 0.587 U			< 0.587 U				
Tetrazene	14097-21-3	mg/kg	< 1.19 U			< 1.19 U				
Tetryl	479-45-8	mg/kg	< 0.731 U			< 0.731 U				
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U			< 0.424 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U			< 0.524 U				
Metals										
Aluminum	7429-90-5	mg/kg	8620		13100	7400	10800	9970	16600	17800 J
Antimony	7440-36-0	mg/kg	2.03		2.1 J	0.73	< 4.7 U	< 1.6 U	< 5.8 U	< 8.3 U
Arsenic	7440-38-2	mg/kg	11		21	5.84	11.1	2.2	34.9	21.3 J
Barium	7440-39-3	mg/kg	67.4		92	42.7	108	32.8	194	168 J
Beryllium	7440-41-7	mg/kg	1.27		1.6	< 0.5 U	1 J	0.21 J	1.7 J	2.1 J
Boron	7440-42-8	mg/kg	< 5.91 U			10.6				
Cadmium	7440-43-9	mg/kg	2.57		5.1	< 0.7 U	7.7	0.06 J	2.8	13.7 J
Calcium	7440-70-2	mg/kg	1790		2960	1050	5380	757 J	4750	3810 J
Chromium	7440-47-3	mg/kg	12.8		13.5	10.6	18.1	7.1	19	24.7 J
Cobalt	7440-48-4	mg/kg	10.8		20.7	5.96	15 J	3.2 J	21.7 J	31.1 J
Copper	7440-50-8	mg/kg	66		68.2	44.9	193	6.2	63.6	324 J
Iron	7439-89-6	mg/kg	13900		19500	11500	15400	10700	23700	28600 J
Lead	7439-92-1	mg/kg	361		1100	242	148	11.5	176	218 J
Magnesium	7439-95-4	mg/kg	2350		2060	2150	2870	695 J	2600 J	3840 J
Manganese	7439-96-5	mg/kg	336		222	120	358	137	567	637 J
Mercury	7439-97-6	mg/kg	13		28.2 D	15	1.1	0.05 J	0.75	1.6 J
Nickel	7440-02-0	mg/kg	19.2		28.2	12.3	24.3	4.5 J	31.2	42.5 J
Potassium	7440-09-7	mg/kg	648		595 J	589	1100 J	172 J	714 J	1570 J
Selenium	7782-49-2	mg/kg	1.65		2.5	0.82	2.3 J	< 0.78 U	5.7	5.1 J
Silver	7440-22-4	mg/kg	1.89		< 1.6 U	< 0.589 U	1.7 J	< 0.78 U	< 2.9 U	22.1 J
Sodium	7440-23-5	mg/kg	858		< 1630 U	614	< 2350 U	< 779 U	< 2880 U	< 4140 U
Strontium	7440-24-6	mg/kg	17.7			23.1				
Thallium	7440-28-0	mg/kg	< 0.1 U		2.1 J	< 0.1 U	< 4.7 U	< 1.6 U	< 5.8 U	< 8.3 U
Titanium	7440-32-6	mg/kg	406			292				
Vanadium	7440-62-2	mg/kg	23.6		40.6	17.7	34.6	18.8	45.2	57.9 J
Zinc	7440-66-6	mg/kg	225		485 L	206	390	49.6	467	915 J
Zirconium	7440-67-7	mg/kg	< 2.5 U			< 2.5 U				

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	158 I-158-SD-001 8/6/1996 0 - 1 158SD-1(0-1) SE	158 I-158-SD-001 10/14/1998 0 - .5 158SD-1(0-0.5) SE	158 I-158-SD-001 5/17/2001 1 - 2 158SD-1B(1-2) SE	158 I-158-SD-002 8/6/1996 0 - 1 158SD-2(0-1) SE	158 I-158-SD-003 5/17/2001 0 - 1 158SD-3A(0-1) SE	158 I-158-SD-004 5/17/2001 0 - 1 158SD-4A(0-1) SE	158 I-158-SD-005 5/17/2001 0 - 1 158SD-5A(0-1) SE	158 I-158-SD-006 5/22/2002 0 - 1 158SD-6A(0-1) SE
WetChem										
% Solids	%Solid	%			30.6		21.3	64.2	17.4	12.1
Ammonia	7664-41-7	mg/kg	249			162				
Chloride	16887-00-6	mg/kg	19.5			< 6.05 U				
Cyanide	57-12-5	mg/kg	< 0.92 U			< 0.92 U				
Fluoride	16984-48-8	mg/kg	11.7			6.62				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U			< 0.6 U				
Phosphate	14265-44-2	mg/kg	620			580				
Sulfate	14808-79-8	mg/kg	337			215				
Sulfide	18496-25-8	mg/kg	25.1			28				
Total organic carbon	TOC	mg/kg	55500	74700		17500				

		Site Name	158	158	158	158
		Location ID	I-158-SD-006	I-158-SD-006	I-158-SD-007	I-158-SD-007
		Sample Date	5/22/2002	5/22/2002	5/22/2002	5/22/2002
		Depth Interval	0 - 1	2 - 3	0 - 1	2 - 3
		Sample ID	158SD-6ADUP(0-1)	158SD-6B(2-3)	158SD-7A(0-1)	158SD-7B(2-3)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg				
1,3-Dinitrobenzene	99-65-0	mg/kg				
2,4,6-Trinitrotoluene	118-96-7	mg/kg				
HMX	2691-41-0	mg/kg				
Nitrobenzene	98-95-3	mg/kg				
Nitrocellulose	9004-70-0	mg/kg				
Nitroglycerin	55-63-0	mg/kg				
Nitroguanidine	556-88-7	mg/kg				
PETN	78-11-5	mg/kg				
Picric Acid	88-89-1	mg/kg				
RDX	121-82-4	mg/kg				
Tetrazene	14097-21-3	mg/kg				
Tetryl	479-45-8	mg/kg				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg				
2,6-Dinitrotoluene	606-20-2	mg/kg				
Metals						
Aluminum	7429-90-5	mg/kg	15200 J	10900 J	13100 J	12100 J
Antimony	7440-36-0	mg/kg	3.2 J	< 7.1 U	< 8 U	< 7.9 U
Arsenic	7440-38-2	mg/kg	11.8 J	31.2 J	17.6 J	25.4 J
Barium	7440-39-3	mg/kg	149 J	109 J	131 J	144 J
Beryllium	7440-41-7	mg/kg	1.3 J	1.4 J	1.2 J	1.5 J
Boron	7440-42-8	mg/kg				
Cadmium	7440-43-9	mg/kg	12.1 J	4.2 J	7.1 J	4.8 J
Calcium	7440-70-2	mg/kg	3600 J	2500 J	2930 J	2770 J
Chromium	7440-47-3	mg/kg	23 J	12.7 J	17.9 J	14.9 J
Cobalt	7440-48-4	mg/kg	29.2 J	19.2 J	25.2 J	24.7 J
Copper	7440-50-8	mg/kg	364 J	84.1 J	203 J	110 J
Iron	7439-89-6	mg/kg	22800 J	21700 J	20400 J	20300 J
Lead	7439-92-1	mg/kg	187 J	141 J	143 J	139 J
Magnesium	7439-95-4	mg/kg	3920 J	1650 J	2730 J	1860 J
Manganese	7439-96-5	mg/kg	443 J	567 J	448 J	436 J
Mercury	7439-97-6	mg/kg	1.5 J	3.2 J	2.7 J	4.1 J
Nickel	7440-02-0	mg/kg	32.7 J	22 J	28.4 J	29.4 J
Potassium	7440-09-7	mg/kg	1510 J	705 J	1230 J	817 J
Selenium	7782-49-2	mg/kg	3.4 J	3.2 J	< 4 U	4.1 J
Silver	7440-22-4	mg/kg	7.4 J	1.9 J	8.2 J	8.6 J
Sodium	7440-23-5	mg/kg	< 2630 U	< 3550 U	< 3980 U	< 3970 U
Strontium	7440-24-6	mg/kg				
Thallium	7440-28-0	mg/kg	< 5.3 U	< 7.1 U	< 8 U	< 7.9 U
Titanium	7440-32-6	mg/kg				
Vanadium	7440-62-2	mg/kg	46.2 J	33 J	38.1 J	36.9 J
Zinc	7440-66-6	mg/kg	615 J	495 J	514 J	580 J
Zirconium	7440-67-7	mg/kg				

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	158 / I-158-SD-006 / 5/22/2002 / 0 - 1 / 158SD-6ADUP(0-1) / SE	158 / I-158-SD-006 / 5/22/2002 / 2 - 3 / 158SD-6B(2-3) / SE	158 / I-158-SD-007 / 5/22/2002 / 0 - 1 / 158SD-7A(0-1) / SE	158 / I-158-SD-007 / 5/22/2002 / 2 - 3 / 158SD-7B(2-3) / SE
WetChem						
% Solids	%Solid	%	19	14.1	12.6	12.6
Ammonia	7664-41-7	mg/kg				
Chloride	16887-00-6	mg/kg				
Cyanide	57-12-5	mg/kg				
Fluoride	16984-48-8	mg/kg				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg				
Phosphate	14265-44-2	mg/kg				
Sulfate	14808-79-8	mg/kg				
Sulfide	18496-25-8	mg/kg				
Total organic carbon	TOC	mg/kg				

		Site Name	158
		Location ID	I-158-SS-001A
		Sample Date	4/12/1996
		Depth Interval	0 - 1
		Sample ID	158SS-1A(0-1)
		Sample Matrix	SO
Chemical Name	**CAS No**	**Unit**	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U
Tetryl	479-45-8	mg/kg	< 0.731 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U
Metals			
Aluminum	7429-90-5	mg/kg	9560
Antimony	7440-36-0	mg/kg	< 0.1 U
Arsenic	7440-38-2	mg/kg	4.89
Barium	7440-39-3	mg/kg	30.1
Beryllium	7440-41-7	mg/kg	< 0.5 U
Boron	7440-42-8	mg/kg	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U
Calcium	7440-70-2	mg/kg	502
Chromium	7440-47-3	mg/kg	11.9
Cobalt	7440-48-4	mg/kg	5.79
Copper	7440-50-8	mg/kg	13.6
Iron	7439-89-6	mg/kg	17300
Lead	7439-92-1	mg/kg	39.1
Magnesium	7439-95-4	mg/kg	2180
Manganese	7439-96-5	mg/kg	143
Mercury	7439-97-6	mg/kg	5.9
Nickel	7440-02-0	mg/kg	12
Potassium	7440-09-7	mg/kg	445
Selenium	7782-49-2	mg/kg	0.67
Silver	7440-22-4	mg/kg	< 0.589 U
Sodium	7440-23-5	mg/kg	346
Strontium	7440-24-6	mg/kg	7.1
Thallium	7440-28-0	mg/kg	0.15
Titanium	7440-32-6	mg/kg	242
Vanadium	7440-62-2	mg/kg	21.3
Zinc	7440-66-6	mg/kg	41.6
Zirconium	7440-67-7	mg/kg	< 2.5 U
WetChem			
Ammonia	7664-41-7	mg/kg	37.5
Chloride	16887-00-6	mg/kg	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U
Fluoride	16984-48-8	mg/kg	8.75
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U
Phosphate	14265-44-2	mg/kg	360
Sulfate	14808-79-8	mg/kg	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U

Historic Analytical Results for Surface Water Samples at PICA 135/Site 158

Chemical Name	CAS No	Site Name	158	158	158	158	158	158
		Location ID	I-158-SW-001	I-158-SW-002	I-158-SW-003	I-158-SW-003	I-158-SW-004	I-158-SW-005
		Sample Date	8/6/1996	8/6/1996	5/17/2001	5/17/2001	5/17/2001	5/17/2001
		Depth Interval						
		Sample ID	158SW-1(19960806)	158SW-2(19960806)	158SW-3(20010517)	158SW-3DUP(20010517)	158SW-4(20010517)	158SW-5(20010517)
		Sample Matrix	WS	WS	WS	WS	WS	WS
		Unit						
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U				
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U				
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U				
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U				
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 U				
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U				
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U				
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U				
PETN	78-11-5	ug/L	< 20 U	< 20 U				
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U				
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U				
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U				
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U				
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U				
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U				
Metals								
Aluminum	7429-90-5	ug/L	69.9	95.8	< 92 R	< 92 R	< 92 R	< 92 R
Antimony	7440-36-0	ug/L	< 1 U	< 1 U	< 10 U	< 10 U	< 10 U	< 10 U
Arsenic	7440-38-2	ug/L	< 1 U	< 1 U	< 3 U	< 3 U	< 3 U	< 3 U
Barium	7440-39-3	ug/L	15.3	16.4	15 J	15 J	16 J	22 J
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U	< 2 U	< 2 U	< 2 U	< 2 U
Boron	7440-42-8	ug/L	< 50 U	536				
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U	0.3 J	< 2 U	< 2 U	< 2 U
Calcium	7440-70-2	ug/L	5390	5490	6400	6300	6700	6800
Chromium	7440-47-3	ug/L	< 6.96 U	< 6.96 U	< 10 U	< 10 U	< 10 U	< 10 U
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Copper	7440-50-8	ug/L	< 5 U	< 5 U	< 9 U	4.8 J	< 9 U	5.3 J
Iron	7439-89-6	ug/L	230	221	590	560	140	990
Lead	7439-92-1	ug/L	< 1 U	< 1 U	< 3 U	< 3 U	< 3 U	< 3 U
Magnesium	7439-95-4	ug/L	2270	2270	2500 J	2400 J	2800 J	2600 J
Manganese	7439-96-5	ug/L	45.1	43.5	110	95	110	260
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U	< 0.092 U	< 0.092 U	< 0.092 U	< 0.092 U
Nickel	7440-02-0	ug/L	< 7.11 U	< 7.11 U	< 40 U	< 40 U	< 40 U	< 40 U
Potassium	7440-09-7	ug/L	< 1000 U	< 1000 U	700 J	690 J	730 J	830 J
Selenium	7782-49-2	ug/L	< 2 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U	< 4 U	< 4 U	< 4 U	< 4 U
Sodium	7440-23-5	ug/L	9440	10400	11900	11900	11900	12200
Strontium	7440-24-6	ug/L	23.9	24.2				
Thallium	7440-28-0	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	< 2 U	< 2 U				
Vanadium	7440-62-2	ug/L	< 4.69 U	< 4.69 U	< 50 U	< 50 U	< 50 U	1.1 J
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U	< 20 U	< 20 U	< 20 U	14 J
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U				
WetChem								
Ammonia	7664-41-7	ug/L	< 60 UJ	76.9 J				
Chloride	16887-00-6	ug/L	20900	20900				
Cyanide	57-12-5	ug/L	< 2.5 U	3.91				
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U				
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	79.3	65.7				
Phosphate	14265-44-2	ug/L	17.8	15				
Sulfate	14808-79-8	ug/L	< 10000 U	< 10000 U				
Sulfide	18496-25-8	ug/L	< 50 U	< 50 U				

		Site Name	159
		Location ID	I-159-MW-001
		Sample Date	10/16/1996
		Depth Interval	10.82 - 20.82
		Sample ID	159MW-1(19961016)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 UJ
Nitroglycerin	55-63-0	ug/L	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U
PETN	78-11-5	ug/L	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U
Metals			
Aluminum	7429-90-5	ug/L	< 23.5 U
Antimony	7440-36-0	ug/L	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U
Barium	7440-39-3	ug/L	6.86
Beryllium	7440-41-7	ug/L	< 5 U
Boron	7440-42-8	ug/L	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U
Calcium	7440-70-2	ug/L	9170
Chromium	7440-47-3	ug/L	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U
Copper	7440-50-8	ug/L	< 5 U
Iron	7439-89-6	ug/L	44.2
Lead	7439-92-1	ug/L	2.75
Magnesium	7439-95-4	ug/L	2970
Manganese	7439-96-5	ug/L	3.56
Mercury	7439-97-6	ug/L	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U
Potassium	7440-09-7	ug/L	< 1000 U
Selenium	7782-49-2	ug/L	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U
Sodium	7440-23-5	ug/L	8110
Strontium	7440-24-6	ug/L	38.8
Thallium	7440-28-0	ug/L	< 1 U
Titanium	7440-32-6	ug/L	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U
PCBs			
Aroclor 1016	12674-11-2	ug/L	< 0.16 U
Aroclor 1221	11104-28-2	ug/L	< 0.16 UT
Aroclor 1232	11141-16-5	ug/L	< 0.16 UT
Aroclor 1242	53469-21-9	ug/L	< 0.19 UT
Aroclor 1248	12672-29-6	ug/L	< 0.19 UT
Aroclor 1254	11097-69-1	ug/L	< 0.19 UT
Aroclor 1260	11096-82-5	ug/L	< 0.19 U
Pesticides			
4,4'-DDD	72-54-8	ug/L	< 0.0233 U
4,4'-DDE	72-55-9	ug/L	< 0.027 U
4,4'-DDT	50-29-3	ug/L	< 0.034 U
Aldrin	309-00-2	ug/L	< 0.0918 U
alpha-BHC	319-84-6	ug/L	< 0.0385 U
alpha-Chlordane	5103-71-9	ug/L	< 0.075 UT
beta-BHC	319-85-7	ug/L	< 0.024 U
delta-BHC	319-86-8	ug/L	< 0.0293 U
Diazinon	333-41-5	ug/L	< 0.188 UT
Dieldrin	60-57-1	ug/L	< 0.024 U
Endosulfan I	959-98-8	ug/L	< 0.023 U
Endosulfan II	33213-65-9	ug/L	< 0.023 U
Endosulfan sulfate	1031-07-8	ug/L	< 0.0786 U
Endrin	72-20-8	ug/L	< 0.0238 U
Endrin aldehyde	7421-93-4	ug/L	< 0.0285 U
Endrin ketone	53494-70-5	ug/L	< 0.0285 UT
gamma-BHC (Lindane)	58-89-9	ug/L	< 0.0507 U
gamma-Chlordane	5103-74-2	ug/L	< 0.075 UT
Heptachlor	76-44-8	ug/L	< 0.0423 U

		Site Name	159
		Location ID	I-159-MW-001
		Sample Date	10/16/1996
		Depth Interval	10.82 - 20.82
		Sample ID	159MW-1(19961016)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
Heptachlor epoxide	1024-57-3	ug/L	< 0.0245 U
Isodrin	465-73-6	ug/L	< 0.0562 U
Malathion	121-75-5	ug/L	< 0.188 UT
Methoxychlor	72-43-5	ug/L	< 0.057 U
Mirex	2385-85-5	ug/L	< 0.025 U
Toxaphene	8001-35-2	ug/L	< 1.35 U
SVOC			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U

		Site Name	159
		Location ID	I-159-MW-001
		Sample Date	10/16/1996
		Depth Interval	10.82 - 20.82
		Sample ID	159MW-1(19961016)
		Sample Matrix	WG
Chemical Name	CAS No	Unit	
TPH			
Diesel Range Organics	DRO	ug/L	< 340 U
Gasoline range organics	GRO	ug/L	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U
TRPH	TRPH	ug/L	< 178 U
VOC			
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U
Acetone	67-64-1	ug/L	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U
WetChem			
Ammonia	7664-41-7	ug/L	< 60 U
Chloride	16887-00-6	ug/L	16500
Cyanide	57-12-5	ug/L	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	74.7
Phosphate	14265-44-2	ug/L	65.7
Sulfate	14808-79-8	ug/L	12000
Sulfide	18496-25-8	ug/L	< 50 U

			Site Name	159	159	159	159	159	159
			Location ID	I-159-SD-001	I-159-SD-001	I-159-SD-002	I-159-SD-002	I-159-SP-001	I-SDBG-29
			Sample Date	8/9/1996	10/14/1998	8/9/1996	5/17/2001	8/13/1996	11/2/1993
			Depth Interval	0 - 1	0 - .5	0 - 1	1 - 2	0 - 1	0 - .5
			Sample ID	159SD-1(0-1)	159SD-1(0-0.5)	159SD-2(0-1)	159SD-2B(1-2)	159SP-1(0-1)	SDBG-29(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.488 U		< 0.488 U		< 0.488 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.496 U		< 0.496 U		< 0.496 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.456 U		< 0.456 U		< 0.456 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)						< 0.34 U
HMX	2691-41-0	mg/kg	(1)	< 0.666 U		< 0.666 U		< 0.666 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 2.41 U		< 2.41 U		< 2.41 U	< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)						< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)	< 10.4 U		< 10.4 U		< 10.4 U	105 B
Nitroglycerin	55-63-0	mg/kg	(1)	< 4 U		< 4 U		< 4 U	< 0.51 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.475 UJ		< 0.475 UJ		< 0.475 UJ	
PETN	78-11-5	mg/kg	(1)	< 4 U		< 4 U		75.6	< 1 U
Picric Acid	88-89-1	mg/kg	(1)	< 0.108 U		< 0.108 U		< 0.108 U	
RDX	121-82-4	mg/kg	(1)	< 0.587 U		< 0.587 U		< 0.587 U	< 1.28 U
Tetrazene	14097-21-3	mg/kg	(1)	< 1.19 U		< 1.19 U		< 1.19 U	
Tetryl	479-45-8	mg/kg	(1)	< 0.731 U		< 0.731 U		< 0.731 U	< 2.11 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.424 U		< 0.424 U		0.88	< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.524 U		< 0.524 U		< 0.524 U	< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						< 2 U
Metals									
Aluminum	7429-90-5	mg/kg	(1)	9130		6080	9610	3790	7320
Antimony	7440-36-0	mg/kg	(1)	0.84		0.58	< 1.3 U	14	< 1 U
Arsenic	7440-38-2	mg/kg	(1)	5.27		8.85	5.1	16.5	5.59
Barium	7440-39-3	mg/kg	(1)	51.5		39.2	54.3	303	44.3
Beryllium	7440-41-7	mg/kg	(1)	2.94		1.55	< 0.65 U	< 0.5 U	< 0.427 U
Boron	7440-42-8	mg/kg	(1)	< 5.91 U		< 5.91 U		< 5.91 U	
Cadmium	7440-43-9	mg/kg	(1)	2.44		< 0.7 U	< 0.26 U	6.59	< 1.2 U
Calcium	7440-70-2	mg/kg	(1)	3720		941	683	8910	10900
Chromium	7440-47-3	mg/kg	(1)	19.3		16.2	20.4	25.1	9.77
Cobalt	7440-48-4	mg/kg	(1)	12.1		7.88	10	11.5	6.41
Copper	7440-50-8	mg/kg	(1)	151		21	20	518	16.4
Iron	7439-89-6	mg/kg	(1)	68100		31800	28600	46100	19900
Lead	7439-92-1	mg/kg	(1)	72.9		56.4	23	748	15.7
Magnesium	7439-95-4	mg/kg	(1)	2270		2660	2630	1530	6900
Manganese	7439-96-5	mg/kg	(1)	438		688	490	248	285
Mercury	7439-97-6	mg/kg	(1)	0.21 J		< 0.05 UJ	0.01 J	3.14	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	17.5		13.7	18.2	41.6	7.96
Potassium	7440-09-7	mg/kg	(1)	694		895	1110	< 100 U	777
Selenium	7782-49-2	mg/kg	(1)	1.61 J		< 0.25 UJ	< 0.65 U	3.14 J	< 0.449 U
Silver	7440-22-4	mg/kg	(1)	< 0.589 U		< 0.589 U	< 0.65 U	6.1	< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	816		432	< 654 U	1540	262
Strontium	7440-24-6	mg/kg	(1)	18.8		8.55		41.2	
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U		< 0.1 U	< 1.3 U	< 0.1 U	< 34.3 U
Titanium	7440-32-6	mg/kg	(1)	320		191		< 50 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	159 I-159-SD-001 8/9/1996 0 - 1 159SD-1(0-1) SE	159 I-159-SD-001 10/14/1998 0 - .5 159SD-1(0-0.5) SE	159 I-159-SD-002 8/9/1996 0 - 1 159SD-2(0-1) SE	159 I-159-SD-002 5/17/2001 1 - 2 159SD-2B(1-2) SE	159 I-159-SP-001 8/13/1996 0 - 1 159SP-1(0-1) SE	159 I-SDBG-29 11/2/1993 0 - .5 SDBG-29(0-0.5) SE
Metals (continued)									
Vanadium	7440-62-2	mg/kg	(1)	39		20.7	25.2	< 3.39 U	18.1
Zinc	7440-66-6	mg/kg	(1)	155		69	55.9	2950	118
Zirconium	7440-67-7	mg/kg	(1)	< 2.5 U		4.52		< 2.5 U	
Other									
1,4-Oxathiane	15980-15-1	mg/kg	(1)						< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)						< 0.065 U
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.0666 U		< 0.0666 U			< 0.1 U
Aroclor 1016	12674-11-2	mg/kg	(2)						< 0.32 U
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.082 UT		< 0.082 UT			< 0.1 UT
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.082 UT		< 0.082 UT			< 0.1 UT
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.082 UT		< 0.082 UT			< 0.1 UT
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.082 UT		< 0.082 UT			< 0.1 UT
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.082 UT		< 0.082 UT			< 0.0479 UT
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.0804 U		< 0.0804 U			< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)						< 0.0479 U
Aroclor 1262	37324-23-5	mg/kg	(1)						< 6.3 U
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.826 U		< 0.826 U			< 0.27 U
4,4'-DDD	72-54-8	mg/kg	(2)						< 0.064 U
4,4'-DDE	72-55-9	mg/kg	(1)	0.03		< 0.765 U			< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)						< 0.27 U
4,4'-DDT	50-29-3	mg/kg	(1)	0.01		< 0.707 U			< 0.35 U
4,4'-DDT	50-29-3	mg/kg	(2)						< 0.1 U
Aldrin	309-00-2	mg/kg	(1)	< 0.729 U		< 0.729 U			< 1.3 U
Aldrin	309-00-2	mg/kg	(2)						< 0.14 UJ
alpha-BHC	319-84-6	mg/kg	(1)	< 0.907 U		< 0.907 U			< 0.28 U
alpha-BHC	319-84-6	mg/kg	(2)						< 1.3 U
alpha-Chlordane	5103-71-9	mg/kg	(1)	< 0.5 UT		< 0.5 UT			
Atrazine	1912-24-9	mg/kg	(1)						< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 0.257 U		< 0.257 U			< 0.77 U
beta-BHC	319-85-7	mg/kg	(2)						< 1.3 U
Chlordane	57-74-9	mg/kg	(1)						< 0.68 U
Chlordane	57-74-9	mg/kg	(2)						< 0.0684 U
delta-BHC	319-86-8	mg/kg	(1)	< 0.555 U		< 0.555 U			< 0.85 U
delta-BHC	319-86-8	mg/kg	(2)						< 0.21 U
Diazinon	333-41-5	mg/kg	(1)	< 0.0133 UT		< 0.0133 UT			
Dieldrin	60-57-1	mg/kg	(1)	< 0.629 U		< 0.629 U			< 0.16 U
Dieldrin	60-57-1	mg/kg	(2)						< 0.079 U
Endosulfan I	959-98-8	mg/kg	(1)	< 0.602 U		< 0.602 U			< 0.1 U
Endosulfan I	959-98-8	mg/kg	(2)						< 0.4 U
Endosulfan II	33213-65-9	mg/kg	(1)	< 0.663 U		< 0.663 U			< 2.4 U
Endosulfan II	33213-65-9	mg/kg	(2)						< 0.07 U
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 0.763 U		< 0.763 U			< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)						< 0.05 UT

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	159 / I-159-SD-001 / 8/9/1996 / 0 - 1 / 159SD-1(0-1) / SE	159 / I-159-SD-001 / 10/14/1998 / 0 - .5 / 159SD-1(0-0.5) / SE	159 / I-159-SD-002 / 8/9/1996 / 0 - 1 / 159SD-2(0-1) / SE	159 / I-159-SD-002 / 5/17/2001 / 1 - 2 / 159SD-2B(1-2) / SE	159 / I-159-SP-001 / 8/13/1996 / 0 - 1 / 159SP-1(0-1) / SE	159 / I-SDBG-29 / 11/2/1993 / 0 - .5 / SDBG-29(0-0.5) / SE
Pesticides (continued)									
Endrin	72-20-8	mg/kg	(1)	< 0.657 U		< 0.657 U			< 1.3 U
Endrin	72-20-8	mg/kg	(2)						< 0.65 U
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 0.024 U		< 0.024 U			< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.024 UT		< 0.024 UT			< 0.05 UT
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.638 U		< 0.638 U			< 0.1 UJ
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)						< 0.1 U
gamma-Chlordane	5103-74-2	mg/kg	(1)	< 0.5 UT		< 0.5 UT			
Heptachlor	76-44-8	mg/kg	(1)	< 0.618 U		< 0.618 U			< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)						< 0.22 U
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.62 U		< 0.62 U			< 0.13 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)						< 0.48 U
Isodrin	465-73-6	mg/kg	(1)	< 0.461 U		< 0.461 U			< 0.3 U
Isodrin	465-73-6	mg/kg	(2)						< 0.48 U
Malathion	121-75-5	mg/kg	(1)	< 0.0133 UT		< 0.0133 UT			< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.0711 U		< 0.0711 U			< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)						< 0.0359 U
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U		< 0.25 U			< 0.14 U
Parathion	56-38-2	mg/kg	(1)						< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)						< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)						< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)						< 0.32 U
Supona	470-90-6	mg/kg	(1)						< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 0.444 U		< 0.444 U			< 0.226 U
Toxaphene	8001-35-2	mg/kg	(2)						< 12 U
Vapona	62-73-7	mg/kg	(1)						< 0.068 U
Radiological									
Americium-241	86954-36-1	pCi/g	(1)	< 0.182 U		< 0.592 U			
Cesium-137	10045-97-3	pCi/g	(1)	0.94		0.13			
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.0409 U		< 0.0329 U			
Gross alpha	12587-46-1	pCi/g	(1)	2.59		2.59			
Gross beta	12587-47-2	pCi/g	(1)	4.53		2.54			
Radium-226	13982-63-3	pCi/g	(1)	0.59		0.74			
Total Uranium	7440-61-1 U	mg/kg	(1)	2.32		0.97		0.54	
Uranium-235	15117-96-1	pCi/g	(1)	0.03		0.01			
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.63		0.33			
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U		< 0.24 U			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U		< 0.04 U			< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U		< 0.11 U			< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)						< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U		< 0.13 U			< 0.042 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U		< 0.098 U			< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U		< 0.1 U			< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U		< 0.17 U			< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U		< 0.18 U			< 0.065 U

Chemical Name	CAS No	Unit	Site Name	159	159	159	159	159	159
			Location ID	I-159-SD-001	I-159-SD-001	I-159-SD-002	I-159-SD-002	I-159-SP-001	I-SDBG-29
			Sample Date	8/9/1996	10/14/1998	8/9/1996	5/17/2001	8/13/1996	11/2/1993
			Depth Interval	0 - 1	0 - .5	0 - 1	1 - 2	0 - 1	0 - .5
			Sample ID	159SD-1(0-1)	159SD-1(0-0.5)	159SD-2(0-1)	159SD-2B(1-2)	159SP-1(0-1)	SDBG-29(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE
			ValueNo						
SVOC (continued)									
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U		< 0.69 U			< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U		< 1.2 U			< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)						< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U		< 0.036 U			< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U		< 0.06 U			< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U		< 0.049 U			< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U		< 0.029 U			< 0.098 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U		< 0.062 U			
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U		< 0.14 U			< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U		< 6.3 U			< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)						< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U		< 0.45 U			< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U		< 0.55 U			< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U		< 0.033 U			< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U		< 0.095 U			< 0.93 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U		< 0.81 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U		< 0.033 U			< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#		< 0.24 U#			< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U		< 0.41 U			
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U		< 1.4 U			< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U		0.11	< 0.43 U		< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U		0.15	< 0.43 U		< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U		< 0.65 U			
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U		1.5	< 0.43 U		< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U		3	< 0.43 U		
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U		2.9	< 0.43 U		< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U		4.5	< 0.43 U		< 0.31 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U		1.3	< 0.43 U		< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U		2	< 0.43 U		< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U		< 0.19 U			< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U		< 0.059 U			< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U		< 0.033 U			< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U		< 0.2 U			< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U		< 0.62 U			< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U		< 0.17 U			< 1.8 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U		0.17 J			
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U		3.6	< 0.43 U		< 0.032 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U		0.35	< 0.43 U		< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U		0.27			< 0.38 U
Dicyclopentadiene	77-73-6	mg/kg	(1)						< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U		< 0.24 U			< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U		< 0.17 U			< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U		< 0.061 U			< 1.3 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U		< 0.19 U			< 0.23 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U		< 0.13 U			

Chemical Name	CAS No	Unit	Site Name	159	159	159	159	159	159
			Location ID	I-159-SD-001	I-159-SD-001	I-159-SD-002	I-159-SD-002	I-159-SP-001	I-SDBG-29
			Sample Date	8/9/1996	10/14/1998	8/9/1996	5/17/2001	8/13/1996	11/2/1993
			Depth Interval	0 - 1	0 - .5	0 - 1	1 - 2	0 - 1	0 - .5
			Sample ID	159SD-1(0-1)	159SD-1(0-0.5)	159SD-2(0-1)	159SD-2B(1-2)	159SP-1(0-1)	SDBG-29(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE
			ValueNo						
SVOC (continued)									
Fluoranthene	206-44-0	mg/kg	(1)	0.31		7.9	< 0.43 U		< 0.032 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U		0.94	< 0.43 U		< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U		< 0.033 U			< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U		< 0.23 U			< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U		< 6.2 U			< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U		< 0.15 U			< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U		1.7	< 0.43 U		< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U		< 0.033 U			< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U		< 0.037 U	< 0.43 U		< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)						< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U		< 0.2 U			< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U		< 0.19 U			< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U		< 1.3 U			< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	0.14		5.3	< 0.43 U		< 0.032 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U		< 0.11 U			< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	0.23		7	< 0.43 U		< 0.083 U
TPH									
Diesel Fuel	68334-30-5	mg/kg	(1)	< 7.98 U		< 7.98 U			
Gasoline range organics	GRO	mg/kg	(1)	< 8 U		< 8 U			
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)						25.1
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U		< 8 U			
TRPH	TRPH	mg/kg	(1)	66.3		195			
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U		< 0.44 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	0.04		0.03			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U		< 0.54 U			
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U		< 0.23 U			
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U		< 0.39 U			
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)						< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U		< 0.17 U			
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U		< 0.3 U			
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U		< 0.29 U			
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)						< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U		< 0.07 U			
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U		< 0.032 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U		< 0.027 U			
Acetone	67-64-1	mg/kg	(1)	< 0.017 U		< 0.017 U			
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U		< 0.23 U			
Benzene	71-43-2	mg/kg	(1)	< 0.15 U		< 0.15 U			
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U		< 0.29 U			
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U		< 0.69 U			
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U		< 0.57 U			
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U		< 0.44 U			
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U		< 0.7 U			
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U		< 0.086 U			

Chemical Name	CAS No	Unit	Site Name	159	159	159	159	159	159
			Location ID	I-159-SD-001	I-159-SD-001	I-159-SD-002	I-159-SD-002	I-159-SP-001	I-SDBG-29
			Sample Date	8/9/1996	10/14/1998	8/9/1996	5/17/2001	8/13/1996	11/2/1993
			Depth Interval	0 - 1	0 - .5	0 - 1	1 - 2	0 - 1	0 - .5
			Sample ID	159SD-1(0-1)	159SD-1(0-0.5)	159SD-2(0-1)	159SD-2B(1-2)	159SP-1(0-1)	SDBG-29(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE
			ValueNo						
VOC (continued)									
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U		< 0.012 U			
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U		< 0.087 U			
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U		< 0.88 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U		< 0.32 U			
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U		< 0.31 U			
Dibromochloropropane	96-12-8	mg/kg	(1)						< 0.071 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U		< 0.014 U			
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U		< 3.7 U			
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U		< 0.17 U			
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U		< 0.79 U			
Methylene chloride	75-09-2	mg/kg	(1)	0.02		< 0.012 U			
Styrene	100-42-5	mg/kg	(1)	< 0.26 U		< 0.26 U			
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U		< 0.5 U			
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U		< 0.081 U			
Toluene	108-88-3	mg/kg	(1)	< 0.078 U		< 0.078 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U		< 0.28 U			
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U		< 0.28 U			
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U		< 0.59 U			
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U		< 0.032 U			
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U		< 0.62 U			
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U		< 0.15 U			
WetChem									
% Solids	%Solid	%	(1)				76.5		
Ammonia	7664-41-7	mg/kg	(1)	128		19.8		952	
Cation Exchange Capacity	CEC	mg/kg	(1)						4000 D
Chloride	16887-00-6	mg/kg	(1)	12.7		< 6.05 U		47.6	
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U		< 0.92 U		< 0.92 U	0.39 J
Fluoride	16984-48-8	mg/kg	(1)	17.9		< 3.62 U		< 3.62 U	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U		< 0.6 U		< 0.6 U	
Phosphate	14265-44-2	mg/kg	(1)	1000		360		2400	
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U		< 90.4 U		< 90.4 U	
Sulfide	18496-25-8	mg/kg	(1)	99		< 6 U		8600	
Total organic carbon	TOC	mg/kg	(1)	47300	78700	4830		311000	13000

Historic Analytical Results for Soil Samples at PICA 135/Site 159

Chemical Name	CAS No	Site Name	159	159	159	159	159	159	159	159	159
		Location ID	I-159-EX1-B1	I-159-EX1-B1	I-159-EX1-SWS-1	I-159-MW-001	I-159-MW-001	I-159-SB-001	I-159-SB-001	I-159-SB-001	I-159-SB-002
		Sample Date	10/30/2003	10/30/2003	10/30/2003	6/5/1996	6/5/1996	5/23/1996	5/23/1996	5/23/1996	6/12/2001
		Depth Interval	10 - 10	10 - 10	7 - 8	0 - 2	10 - 12	1 - 3	4 - 6	159SB-1B(4-6)	0 - 1
		Sample ID	159EX1-B1(10-10)	159EX1-B1DUP(10-10)	159EX1-SWS-1(7-8)	159MW-1A(0-2)	159MW-1C(10-12)	159SB-1A(1-3)	SO	SO	159SB-2A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO			SO
		Unit									
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg				< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U		
1,3-Dinitrobenzene	99-65-0	mg/kg				< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg				< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U		
HMX	2691-41-0	mg/kg				< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U		
Nitrobenzene	98-95-3	mg/kg				< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U		
Nitrocellulose	9004-70-0	mg/kg				< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U		
Nitroglycerin	55-63-0	mg/kg				< 4 U	< 4 U	< 4 U	< 4 U		
Nitroguanidine	556-88-7	mg/kg				< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U		
PETN	78-11-5	mg/kg				< 4 U	< 4 U	< 4 U	< 4 U		
Picric Acid	88-89-1	mg/kg				< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U		
RDX	121-82-4	mg/kg				< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U		
Tetrazene	14097-21-3	mg/kg				< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R		
Tetryl	479-45-8	mg/kg				< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U		
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg				< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U		
2,6-Dinitrotoluene	606-20-2	mg/kg				< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U		
Metals											
Aluminum	7429-90-5	mg/kg	5380	6170	6110	4970	5310	15700	9630	7890	
Antimony	7440-36-0	mg/kg	0.46 J	0.38 J	< 1.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 1 UJ	
Arsenic	7440-38-2	mg/kg	6.3	5.6	5.3	4.5	3.19	5.85	15.5	9.2	
Barium	7440-39-3	mg/kg	36.5	34	25.1	22	23.7	95.6	65.4	43.5	
Beryllium	7440-41-7	mg/kg	0.33 J	0.33 J	0.29 J	< 0.5 U	< 0.5 U	< 0.5 U	0.57	0.16 J	
Boron	7440-42-8	mg/kg				12.8	< 5.91 U	9.19	11.3		
Cadmium	7440-43-9	mg/kg	0.11 J	0.11 J	0.06 J	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	0.15 J	
Calcium	7440-70-2	mg/kg	1530	1380	571	1700	1050	3680	9150	995	
Chromium	7440-47-3	mg/kg	8.1	8.2	8.4	11.7	11.1	20.8	14.1	9.9	
Cobalt	7440-48-4	mg/kg	5.8	7.5	6.1	5.41	6.49	9.63	7.09	8.2	
Copper	7440-50-8	mg/kg	27.7	32.9	17.2	17.7	23.1	35.9	16.1	30.1	
Iron	7439-89-6	mg/kg	12300	13800	11400	12400	14200	21300	14000	18600	
Lead	7439-92-1	mg/kg	35	39.9	54.4	33.3	5.72	8.63	9.09	50 J	
Magnesium	7439-95-4	mg/kg	2070	2110	1760	2860	2500	5800	5340	2990	
Manganese	7439-96-5	mg/kg	249	195	157	125	274	257	390	256	
Mercury	7439-97-6	mg/kg	0.13	0.16	0.03 J	0.09	< 0.05 U	< 0.05 U	< 0.05 U	0.02 J	
Nickel	7440-02-0	mg/kg	9.7	10.8	11.3	9.73	11.8	18	10.6	14.7	
Potassium	7440-09-7	mg/kg	563 J	450 J	427 J	658	617	1700	1670	841	
Selenium	7782-49-2	mg/kg	0.82	0.91	0.59	1.03	0.66	1.14	1.44	0.35 J	
Silver	7440-22-4	mg/kg	< 0.57 U	< 0.62 U	< 0.55 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.52 U	
Sodium	7440-23-5	mg/kg	< 571 U	< 620 U	< 549 U	429	396	467	483	< 517 U	
Strontium	7440-24-6	mg/kg				6.35	4.17	12.9	100		
Thallium	7440-28-0	mg/kg	< 1.1 U	< 1.2 U	< 1.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 1 U	
Titanium	7440-32-6	mg/kg				218	189	366	667		
Vanadium	7440-62-2	mg/kg	11	11.7	11.5	13.3	12.7	28.4	16.3	15.8	
Zinc	7440-66-6	mg/kg	59.5	73.8	68.4	67	38.1	82.9	74.6	70.7 J	
Zirconium	7440-67-7	mg/kg				< 2.5 U	< 2.5 U	11.5	12.9		
Radiological											
Americium-241	86954-36-1	pCi/g				0.08	< 0.0809 U				
Cesium-137	10045-97-3	pCi/g				0.03	< 0.0383 U				
Cobalt-60	10198-40-0	pCi/g				< 0.0313 U	< 0.0445 U				
Gross alpha	12587-46-1	pCi/g				1.42	0.98				
Gross beta	12587-47-2	pCi/g				2.15	1.37				

		Site Name	159	159	159	159	159	159	159	159
		Location ID	I-159-EX1-B1	I-159-EX1-B1	I-159-EX1-SWS-1	I-159-MW-001	I-159-MW-001	I-159-SB-001	I-159-SB-001	I-159-SB-002
		Sample Date	10/30/2003	10/30/2003	10/30/2003	6/5/1996	6/5/1996	5/23/1996	5/23/1996	6/12/2001
		Depth Interval	10 - 10	10 - 10	7 - 8	0 - 2	10 - 12	1 - 3	4 - 6	0 - 1
		Sample ID	159EX1-B1(10-10)	159EX1-B1DUP(10-10)	159EX1-SWS-1(7-8)	159MW-1A(0-2)	159MW-1C(10-12)	159SB-1A(1-3)	159SB-1B(4-6)	159SB-2A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Radiological (continued)										
Radium-226	13982-63-3	pCi/g				0.38	1.45			
Total Uranium	7440-61-1 U	mg/kg				0.48	0.54	2.28	2.99	
Uranium-235	15117-96-1	pCi/g				0.01	< 0.42 U			
Uranium-238	7440-61-1 U-238	pCi/g				0.17	0.18			
WetChem										
% Solids	%Solid	%	87.5	80.7	91.1					96.7
Ammonia	7664-41-7	mg/kg				18.8	< 12.5 U	41.6	28.6	
Chloride	16887-00-6	mg/kg				< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg				< 0.92 U	< 0.92 U	< 0.92 U	1.83	
Fluoride	16984-48-8	mg/kg				< 3.62 U	< 3.62 U	46.9	32.2	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg				1.29	< 0.6 U	< 0.6 U	< 0.6 U	
Phosphate	14265-44-2	mg/kg				600	390	< 7.49 U	220	
Sulfate	14808-79-8	mg/kg				< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg				< 6 U	< 6 U	400	590	

Chemical Name	CAS No	Unit	Site Name: 159	159	159	159	159	159	159	159	159
			Location ID: I-159-SB-002	I-159-SB-002	I-159-SS-001C	I-159-SS-002C	I-159-SS-003A	I-159-TP-001	I-159-TP-001	I-159-TP-001	
			Sample Date: 6/12/2001	6/12/2001	5/8/1996	5/30/1996	5/30/1996	11/15/1996	11/15/1996	11/15/1996	
			Depth Interval: 0 - 1	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	1.5 - 2.5	4.3 - 4.8	
			Sample ID: 159SB-2ADUP(0-1)	159SB-2B(5-7)	159SS-1C(0-1)	159SS-2C(0-1)	159SS-3A(0-1)	159TP-1A(0-1)	159TP-1B(1.5-2.5)	159TP-1C(4.3-4.8)	
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO	
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.488 U	< 0.488 U	< 0.488 U				
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.496 U	< 0.496 U	< 0.496 U				
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 0.456 U	< 0.456 U	< 0.456 U				
HMX	2691-41-0	mg/kg			< 0.666 U	< 0.666 U	< 0.666 U				
Nitrobenzene	98-95-3	mg/kg			< 2.41 U	< 2.41 U	< 2.41 U				
Nitrocellulose	9004-70-0	mg/kg			< 10.4 U	< 10.4 U	< 10.4 U				
Nitroglycerin	55-63-0	mg/kg			< 4 U	< 4 U	< 4 U				
Nitroguanidine	556-88-7	mg/kg			< 0.475 U	< 0.475 U	< 0.475 U				
PETN	78-11-5	mg/kg			< 4 U	< 4 U	< 4 U				
Picric Acid	88-89-1	mg/kg			< 0.108 U	< 0.108 U	< 0.108 U				
RDX	121-82-4	mg/kg			< 0.587 U	< 0.587 U	< 0.587 U				
Tetrazene	14097-21-3	mg/kg			< 1.19 R	< 1.19 R	< 1.19 R				
Tetryl	479-45-8	mg/kg			< 0.731 U	< 0.731 U	< 0.731 U				
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg			< 0.424 U	< 0.424 U	< 0.424 U				
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.524 U	< 0.524 U	< 0.524 U				
Metals											
Aluminum	7429-90-5	mg/kg	7870	6940	6280	24300	7940	19700	17700	11200	
Antimony	7440-36-0	mg/kg	< 1 UJ	< 1 UJ	0.37	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Arsenic	7440-38-2	mg/kg	8	7.3	8.32	11.7	7.31	8.36	6.09	5.85	
Barium	7440-39-3	mg/kg	35	32.4	42.3	63.1	23.1	61.3	55.5	41.4	
Beryllium	7440-41-7	mg/kg	0.06 J	0.05 J	< 0.5 U	0.8	< 0.5 U	1.63	1.16	1.07	
Boron	7440-42-8	mg/kg			7.69	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	
Cadmium	7440-43-9	mg/kg	0.12 J	0.12 J	1.61	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Calcium	7440-70-2	mg/kg	935	1190	2850	204	718	338	178	149	
Chromium	7440-47-3	mg/kg	10.6	13.1	12.3	23.4	13.5	18.6	17.6	12.6	
Cobalt	7440-48-4	mg/kg	9.2	7.9	6.27	6.12	11.4	6.29	7.29	8.63	
Copper	7440-50-8	mg/kg	31	27.5	51.6	12.5	26	14.4	15.2	14.8	
Iron	7439-89-6	mg/kg	17700	16300	22000	27100	18800	25900	21500	17300	
Lead	7439-92-1	mg/kg	16.4 J	31.7 J	207	47.4	31.4	31.5	26.1	10.9	
Magnesium	7439-95-4	mg/kg	3030	2620	3250	1990	3020	1700	1680	1980	
Manganese	7439-96-5	mg/kg	262	253	274	231	560	298	232	288	
Mercury	7439-97-6	mg/kg	0.02 J	0.03 J	0.55	0.07	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	
Nickel	7440-02-0	mg/kg	14.5	13.4	12.5	13.9	17.9	11.6	12.3	14	
Potassium	7440-09-7	mg/kg	989	839	796	445	484	343	305	291	
Selenium	7782-49-2	mg/kg	< 0.52 U	< 0.52 U	1.37	2.67	0.86	1.72	0.91	0.8	
Silver	7440-22-4	mg/kg	< 0.52 U	< 0.52 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	< 521 U	< 520 U	370	396	328	386	265	292	
Strontium	7440-24-6	mg/kg			12.8	15.7	9.61	13.5	4.8	5.5	
Thallium	7440-28-0	mg/kg	< 1 U	< 1 U	< 0.1 U	0.44	0.12	0.36	0.2	0.13	
Titanium	7440-32-6	mg/kg			276	902	313	776	410	281	
Vanadium	7440-62-2	mg/kg	16.5	14.6	18.1	44.3	20.6	35.1	30.5	19.9	
Zinc	7440-66-6	mg/kg	52.7 J	53.3 J	268	65.3	68.1	60.3	38.2	36.2	
Zirconium	7440-67-7	mg/kg			4.7	15.6	6.82	8.43	4.16	5.4	
Radiological											
Americium-241	86954-36-1	pCi/g									
Cesium-137	10045-97-3	pCi/g									
Cobalt-60	10198-40-0	pCi/g									
Gross alpha	12587-46-1	pCi/g									
Gross beta	12587-47-2	pCi/g									

		Site Name	159	159	159	159	159	159	159	159
		Location ID	I-159-SB-002	I-159-SB-002	I-159-SS-001C	I-159-SS-002C	I-159-SS-003A	I-159-TP-001	I-159-TP-001	I-159-TP-001
		Sample Date	6/12/2001	6/12/2001	5/8/1996	5/30/1996	5/30/1996	11/15/1996	11/15/1996	11/15/1996
		Depth Interval	0 - 1	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	1.5 - 2.5	4.3 - 4.8
		Sample ID	159SB-2ADUP(0-1)	159SB-2B(5-7)	159SS-1C(0-1)	159SS-2C(0-1)	159SS-3A(0-1)	159TP-1A(0-1)	159TP-1B(1.5-2.5)	159TP-1C(4.3-4.8)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Radiological (continued)										
Radium-226	13982-63-3	pCi/g								
Total Uranium	7440-61-1 U	mg/kg			2.79		2.24			
Uranium-235	15117-96-1	pCi/g								
Uranium-238	7440-61-1 U-238	pCi/g								
WetChem										
% Solids	%Solid	%	96.1	96.1						
Ammonia	7664-41-7	mg/kg			30.3	171	146			
Chloride	16887-00-6	mg/kg			< 6.05 U	< 6.05 U	< 6.05 U			
Cyanide	57-12-5	mg/kg			< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg			< 3.62 U	< 3.62 U	< 3.62 U			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg			1.47	< 0.6 U	< 0.6 U			
Phosphate	14265-44-2	mg/kg			1400	920	550			
Sulfate	14808-79-8	mg/kg			< 90.4 U	240	< 90.4 U			
Sulfide	18496-25-8	mg/kg			< 6 U	< 6 U	< 6 U			

Chemical Name	CAS No	Unit	ValueNo	Site Name: 159 Location ID: I-159-SP-001 Sample Date: 8/13/1996 Depth Interval: 0 - 1 Sample ID: 159SP-1(19960813) Sample Matrix: WS	Site Name: 159 Location ID: I-159-SW-001 Sample Date: 8/9/1996 Depth Interval: Sample ID: 159SW-1(19960809) Sample Matrix: WS	Site Name: 159 Location ID: I-159-SW-002 Sample Date: 8/9/1996 Depth Interval: Sample ID: 159SW-2(19960809) Sample Matrix: WS	Site Name: 159 Location ID: I-SWBG-29 Sample Date: 11/2/1993 Depth Interval: Sample ID: SWBG-29(19931102) Sample Matrix: WS
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.449 U	< 0.449 U	< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.611 U	< 0.611 U	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.635 U	< 0.635 U	< 0.426 U
3-Nitrotoluene	99-08-1	ug/L	(1)				< 2.9 U
HMX	2691-41-0	ug/L	(1)	< 1.21 U	< 1.21 U	< 1.21 U	< 5.3 UJD
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 0.645 U	< 0.645 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)				< 0.682 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 553 U	< 553 U	< 553 U	553
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 1.49 U
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U	< 30.9 U	< 30.9 U	
PETN	78-11-5	ug/L	(1)	< 20 U	< 20 U	< 20 U	< 2 U
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U	< 0.27 U	< 0.27 U	
RDX	121-82-4	ug/L	(1)	< 1.17 U	< 1.17 U	< 1.17 U	< 0.416 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 UJ	< 40 UJ	< 40 UJ	
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 1.56 U	< 1.56 U	< 0.631 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U	< 0.0637 U	0.2	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.0738 U	< 0.0738 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				< 6.7 U
Metals							
Aluminum	7429-90-5	ug/L	(1)	< 23.5 U	177	295	< 112 U
Antimony	7440-36-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 60 U
Arsenic	7440-38-2	ug/L	(1)	22.5	< 1 U	< 1 U	< 2.35 UJ
Barium	7440-39-3	ug/L	(1)	9.8	17.1	17	20.1
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 1.12 U
Boron	7440-42-8	ug/L	(1)	< 50 U	< 50 U	< 50 U	
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U	< 3.01 U	< 3.01 U	< 6.78 U
Calcium	7440-70-2	ug/L	(1)	9050	6000	6290	7390
Chromium	7440-47-3	ug/L	(1)	< 6.96 U	< 6.96 U	< 6.96 U	< 16.8 U
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 25 U
Copper	7440-50-8	ug/L	(1)	< 5 U	8.73	6.88	< 18.8 U
Iron	7439-89-6	ug/L	(1)	50.5	776	546	< 77.5 U
Lead	7439-92-1	ug/L	(1)	2.45	21.5	4.79	< 4.47 U
Magnesium	7439-95-4	ug/L	(1)	2790	2580	2650	2980
Manganese	7439-96-5	ug/L	(1)	< 2.5 U	92.1	93.9	15.2
Mercury	7439-97-6	ug/L	(1)	< 0.243 U	< 0.243 UJ	< 0.243 UJ	< 0.1 U
Nickel	7440-02-0	ug/L	(1)	< 7.11 U	< 7.11 U	< 7.11 U	< 32.1 U
Potassium	7440-09-7	ug/L	(1)	< 1000 U	< 1000 U	< 1000 U	< 1240 U
Selenium	7782-49-2	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2.53 UJ
Silver	7440-22-4	ug/L	(1)	< 4.42 U	< 4.42 U	< 4.42 U	< 0.333 U
Sodium	7440-23-5	ug/L	(1)	8670	9840	10500	8110
Strontium	7440-24-6	ug/L	(1)	37.4	27.1	27.5	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	159 / I-159-SP-001 / 8/13/1996 / 0 - 1 / 159SP-1(19960813) / WS	159 / I-159-SW-001 / 8/9/1996 / 159SW-1(19960809) / WS	159 / I-159-SW-002 / 8/9/1996 / 159SW-2(19960809) / WS	159 / I-SWBG-29 / 11/2/1993 / SWBG-29(19931102) / WS
Metals (continued)							
Thallium	7440-28-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 125 U
Titanium	7440-32-6	ug/L	(1)	< 2 U	4.03	7.32	
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U	< 4.69 U	< 4.69 U	< 27.6 U
Zinc	7440-66-6	ug/L	(1)	< 35.8 U	< 35.8 U	< 35.8 U	< 18 U
Zirconium	7440-67-7	ug/L	(1)	< 1 UJ	< 1 UJ	< 1 UJ	
Other							
1,4-Oxathiane	15980-15-1	ug/L	(1)				< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)				< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)				< 130 U
Dithiane	51330-42-8	ug/L	(1)				< 3.3 U
PCBs							
Aroclor 1016	12674-11-2	ug/L	(1)		< 0.16 U	< 0.16 U	< 0.385 U
Aroclor 1221	11104-28-2	ug/L	(1)		< 0.16 UT	< 0.16 UT	< 0.385 UT
Aroclor 1232	11141-16-5	ug/L	(1)		< 0.16 UT	< 0.16 UT	< 0.385 UT
Aroclor 1242	53469-21-9	ug/L	(1)		< 0.19 UT	< 0.19 UT	< 0.385 UT
Aroclor 1248	12672-29-6	ug/L	(1)		< 0.19 UT	< 0.19 UT	< 0.385 UT
Aroclor 1254	11097-69-1	ug/L	(1)		< 0.19 UT	< 0.19 UT	< 0.176 UT
Aroclor 1260	11096-82-5	ug/L	(1)		< 0.19 U	< 0.19 U	< 0.176 U
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)		< 0.0233 U	< 0.0233 U	< 18 U
4,4'-DDD	72-54-8	ug/L	(2)				< 0.81 U
4,4'-DDE	72-55-9	ug/L	(1)		< 0.027 U	< 0.027 U	< 0.39 U
4,4'-DDE	72-55-9	ug/L	(2)				< 14 U
4,4'-DDT	50-29-3	ug/L	(1)		< 0.034 U	< 0.034 U	< 18 U
4,4'-DDT	50-29-3	ug/L	(2)				< 0.25 U
Aldrin	309-00-2	ug/L	(1)		< 0.0918 U	< 0.0918 U	< 0.74 U
Aldrin	309-00-2	ug/L	(2)				< 13 U
alpha-BHC	319-84-6	ug/L	(1)		< 0.0385 U	< 0.0385 U	< 5.3 U
alpha-BHC	319-84-6	ug/L	(2)				0.45 N
alpha-Chlordane	5103-71-9	ug/L	(1)		< 0.075 UT	< 0.075 UT	
Atrazine	1912-24-9	ug/L	(1)				< 5.9 U
beta-BHC	319-85-7	ug/L	(1)		< 0.024 U	< 0.024 U	< 0.99 U
beta-BHC	319-85-7	ug/L	(2)				< 17 U
Bromacil	314-40-9	ug/L	(1)				< 2.9 U
Chlordane	57-74-9	ug/L	(1)				< 37 U
Chlordane	57-74-9	ug/L	(2)				< 0.0312 U
delta-BHC	319-86-8	ug/L	(1)		< 0.0293 U	< 0.0293 U	< 0.34 U
Diazinon	333-41-5	ug/L	(1)		< 0.188 UT	< 0.188 UT	
Dieldrin	60-57-1	ug/L	(1)		< 0.024 U	< 0.024 U	< 26 U
Dieldrin	60-57-1	ug/L	(2)				< 0.74 U
Endosulfan I	959-98-8	ug/L	(1)		< 0.023 U	< 0.023 U	< 23 U
Endosulfan I	959-98-8	ug/L	(2)				< 0.25 U
Endosulfan II	33213-65-9	ug/L	(1)		< 0.023 U	< 0.023 U	< 0.77 U
Endosulfan II	33213-65-9	ug/L	(2)				< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)		< 0.0786 U	< 0.0786 U	0.03 N

Chemical Name	CAS No	Unit	Site Name	159	159	159	159
			Location ID	I-159-SP-001	I-159-SW-001	I-159-SW-002	I-SWBG-29
			Sample Date	8/13/1996	8/9/1996	8/9/1996	11/2/1993
			Depth Interval	0 - 1			
			Sample ID	159SP-1(19960813)	159SW-1(19960809)	159SW-2(19960809)	SWBG-29(19931102)
			Sample Matrix	WS	WS	WS	WS
			ValueNo				
Pesticides (continued)							
Endosulfan sulfate	1031-07-8	ug/L	(2)				< 50 U
Endrin	72-20-8	ug/L	(1)		< 0.0238 U	< 0.0238 U	< 0.0176 U
Endrin	72-20-8	ug/L	(2)				< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)		< 0.0285 U	< 0.0285 U	< 0.0504 U
Endrin aldehyde	7421-93-4	ug/L	(2)				< 5 U
Endrin ketone	53494-70-5	ug/L	(1)		< 0.0285 UT	< 0.0285 UT	< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)		< 0.0507 U	< 0.0507 U	< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)				< 0.25 U
gamma-Chlordane	5103-74-2	ug/L	(1)		< 0.075 UT	< 0.075 UT	
Heptachlor	76-44-8	ug/L	(1)		< 0.0423 U	< 0.0423 U	< 0.25 U
Heptachlor	76-44-8	ug/L	(2)				< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)		< 0.0245 U	< 0.0245 U	< 28 U
Heptachlor epoxide	1024-57-3	ug/L	(2)				< 0.63 U
Isodrin	465-73-6	ug/L	(1)		< 0.0562 U	< 0.0562 U	< 7.8 U
Isodrin	465-73-6	ug/L	(2)				< 0.25 U
Malathion	121-75-5	ug/L	(1)		< 0.188 UT	< 0.188 UT	< 21 U
Methoxychlor	72-43-5	ug/L	(1)		< 0.057 U	< 0.057 U	< 11 U
Methoxychlor	72-43-5	ug/L	(2)				< 0.075 U
Mirex	2385-85-5	ug/L	(1)		< 0.025 U	< 0.025 U	< 24 U
Parathion	56-38-2	ug/L	(1)				< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)				< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)				< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)				< 15 U
Supona	470-90-6	ug/L	(1)				< 19 U
Toxaphene	8001-35-2	ug/L	(1)		< 1.35 U	< 1.35 U	< 1.64 U
Vapona	62-73-7	ug/L	(1)				< 8.5 U
Radiological							
Americium-241	86954-36-1	pCi/L	(1)		< 3.56 U	< 3.78 U	
Cesium-137	10045-97-3	pCi/L	(1)		< 0.955 U	< 0.986 U	
Cobalt-60	10198-40-0	pCi/L	(1)		1.36	< 1.16 U	
Gross alpha	12587-46-1	pCi/L	(1)		0.29	3.2	
Gross beta	12587-47-2	pCi/L	(1)		2	1.29	
Radium-226	13982-63-3	pCi/L	(1)		< 3.52 U	< 3.71 U	
Total Uranium	7440-61-1 U	ug/L	(1)	< 0.111 U	< 0.111 U	< 0.111 U	
Uranium-235	15117-96-1	pCi/L	(1)		0.08	< 0.022 U	
Uranium-238	7440-61-1 U-238	pCi/L	(1)		0.44	0.08	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 0.51 U	< 0.51 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)		< 1.8 UJ	< 1.8 UJ	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)		< 1.7 UJ	< 1.7 UJ	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)				< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)		< 1.7 UJ	< 1.7 UJ	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)				< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)		< 1.7 UJ	< 1.7 UJ	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)		< 5.2 UJ	< 5.2 UJ	< 2.8 U

			Site Name	159	159	159	159
			Location ID	I-159-SP-001	I-159-SW-001	I-159-SW-002	I-SWBG-29
			Sample Date	8/13/1996	8/9/1996	8/9/1996	11/2/1993
			Depth Interval	0 - 1			
			Sample ID	159SP-1(19960813)	159SW-1(19960809)	159SW-2(19960809)	SWBG-29(19931102)
			Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (continued)							
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)		< 4.2 UJ	< 4.2 UJ	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)		< 2.9 UJ	< 2.9 UJ	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)		< 5.8 UJ	< 5.8 UJ	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)		< 21 UJ	< 21 UJ	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)				< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)		< 0.5 UJ	< 0.5 UJ	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)		< 0.99 UJ	< 0.99 UJ	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)		< 1.7 UJ	< 1.7 UJ	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)		< 3.9 UJ	< 3.9 UJ	< 3.6 U
2-Nitroaniline	88-74-4	ug/L	(1)		< 4.3 UJ	< 4.3 UJ	
2-Nitrophenol	88-75-5	ug/L	(1)		< 3.7 UJ	< 3.7 UJ	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)		< 12 UJ	< 12 UJ	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)				< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)		< 4.9 UJ	< 4.9 UJ	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)		< 17 UJ	< 17 UJ	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)		< 4.2 UJ	< 4.2 UJ	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)		< 4 UJ	< 4 UJ	< 8.5 U
4-Chloroaniline	106-47-8	ug/L	(1)		< 7.3 UJ	< 7.3 UJ	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)		< 5.1 UJ	< 5.1 UJ	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)		< 0.52 UJ#	< 0.52 UJ#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L	(1)		< 5.2 UJ	< 5.2 UJ	
4-Nitrophenol	100-02-7	ug/L	(1)		< 12 UJ	< 12 UJ	< 96 U
Acenaphthene	83-32-9	ug/L	(1)		< 1.7 UJ	< 1.7 UJ	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)		< 0.5 UJ	< 0.5 UJ	< 5.1 U
Aniline	62-53-3	ug/L	(1)		< 4.4 UJ	< 4.4 UJ	
Anthracene	120-12-7	ug/L	(1)		< 0.5 UJ	< 0.5 UJ	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)		< 1.6 UJ	< 1.6 UJ	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)		< 4.7 UJ	< 4.7 UJ	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)		< 5.4 UJ	< 5.4 UJ	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)		< 6.1 UJ	< 6.1 UJ	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)		< 0.87 UJ	< 0.87 UJ	< 10 U
Benzoic Acid	65-85-0	ug/L	(1)		< 13 UJ	< 13 UJ	
Benzyl alcohol	100-51-6	ug/L	(1)		< 0.72 UJ	< 0.72 UJ	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)		< 1.5 UJ	< 1.5 UJ	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)		< 1.9 UJ	< 1.9 UJ	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)		< 5.3 UJ	< 5.3 UJ	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)		< 4.8 UJ	< 4.8 UJ	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)		< 3.4 UJ	< 3.4 UJ	< 28 U
Carbazole	86-74-8	ug/L	(1)		< 2 UJ	< 2 UJ	
Chrysene	218-01-9	ug/L	(1)		< 2.4 UJ	< 2.4 UJ	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)		< 6.5 UJ	< 6.5 UJ	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)		< 1.7 UJ	< 1.7 UJ	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)				< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)				< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)		< 2 UJ	< 2 UJ	< 5.9 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	159 / I-159-SP-001 / 8/13/1996 / 0 - 1 / 159SP-1(19960813) / WS	159 / I-159-SW-001 / 8/9/1996 / 159SW-1(19960809) / WS	159 / I-159-SW-002 / 8/9/1996 / 159SW-2(19960809) / WS	159 / I-SWBG-29 / 11/2/1993 / SWBG-29(19931102) / WS
SVOC (continued)							
Dimethylphthalate	131-11-3	ug/L	(1)		< 1.5 UJ	< 1.5 UJ	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)		< 3.7 UJ	< 3.7 UJ	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)		< 15 UJ	< 15 UJ	< 1.5 U
Diphenylamine	122-39-4	ug/L	(1)		< 2.5 UJ	< 2.5 UJ	
Fluoranthene	206-44-0	ug/L	(1)		< 3.3 UJ	< 3.3 UJ	< 24 U
Fluorene	86-73-7	ug/L	(1)		< 3.7 UJ	< 3.7 UJ	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)		< 1.6 UJ	< 1.6 UJ	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)		< 3.4 UJ	< 3.4 UJ	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)		< 8.6 UJ	< 8.6 UJ	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)		< 1.5 UJ	< 1.5 UJ	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)		< 8.6 UJ	< 8.6 UJ	< 21 U
Isophorone	78-59-1	ug/L	(1)		< 4.8 UJ	< 4.8 UJ	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)		< 0.5 UJ	< 0.5 UJ	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)				< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)		< 4.4 UJ	< 4.4 UJ	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)		< 3 UJ	< 3 UJ	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)		< 0.042 U	< 0.042 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)		< 0.5 UJ	< 0.5 UJ	< 9.9 U
Phenol	108-95-2	ug/L	(1)		< 9.2 UJ	< 9.2 UJ	< 2.2 U
Pyrene	129-00-0	ug/L	(1)		< 2.8 UJ	< 2.8 UJ	< 17 U
TPH							
Total Petroleum Hydrocarbons	TPH	ug/L	(1)				< 100 U
TRPH	TRPH	ug/L	(1)		< 174 U	< 174 U	
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 5 U	< 5 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1.2 U	< 1.2 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 0.68 U	< 0.68 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)				< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)		< 0.5 U	< 0.5 U	< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)				< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)				< 1.7 U
2-Butanone	78-93-3	ug/L	(1)		< 6.4 U	< 6.4 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)				< 3.5 U
2-Hexanone	591-78-6	ug/L	(1)		< 3.6 U	< 3.6 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 3 U	< 3 U	< 1.4 U
Acetone	67-64-1	ug/L	(1)		< 13 U	< 13 U	< 8 U
Acetonitrile	75-05-8	ug/L	(1)		< 200 U	< 200 U	
Acrylonitrile	107-13-1	ug/L	(1)				< 8.4 U
Benzene	71-43-2	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)		< 0.59 U	< 0.59 U	< 1 U
Bromoform	75-25-2	ug/L	(1)		< 2.6 U	< 2.6 U	< 11 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	159 / I-159-SP-001 / 8/13/1996 / 0 - 1 / 159SP-1(19960813) / WS	159 / I-159-SW-001 / 8/9/1996 / 159SW-1(19960809) / WS	159 / I-159-SW-002 / 8/9/1996 / 159SW-2(19960809) / WS	159 / I-SWBG-29 / 11/2/1993 / SWBG-29(19931102) / WS
VOC (continued)							
Bromomethane	74-83-9	ug/L	(1)		< 5.8 U	< 5.8 U	< 14 U
Carbon disulfide	75-15-0	ug/L	(1)		< 0.5 U	< 0.5 U	
Carbon tetrachloride	56-23-5	ug/L	(1)		< 0.58 U	< 0.58 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)		< 1.9 U	< 1.9 U	< 8 U
Chloroform	67-66-3	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)		< 3.2 U	< 3.2 U	< 1.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 0.58 U	< 0.58 U	
Dibromochloromethane	124-48-1	ug/L	(1)		< 0.67 U	< 0.67 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)				< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 6.9 U	< 6.9 U	
Ethanol	64-17-5	ug/L	(1)		< 2000 U	< 2000 U	
Ethyl benzene	100-41-4	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
Isopropanol	67-63-0	ug/L	(1)		< 400 U	< 400 U	
Methylene chloride	75-09-2	ug/L	(1)		< 2.3 U	11	< 1 U
m-Xylenes	108-38-3	ug/L	(1)				< 1 U
Styrene	100-42-5	ug/L	(1)		< 0.5 U	< 0.5 U	
tert-Butylalcohol	75-65-0	ug/L	(1)		< 500 U	< 500 U	
Tetrachloroethene	127-18-4	ug/L	(1)		< 1.6 U	< 1.6 U	< 1 U
Toluene	108-88-3	ug/L	(1)		0.77	< 0.5 U	< 1 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 0.7 U	< 0.7 U	
Trichloroethene	79-01-6	ug/L	(1)		< 0.5 U	< 0.5 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)		< 1.4 U	< 1.4 U	< 1 U
Vinyl acetate	108-05-4	ug/L	(1)		< 8.3 U	< 8.3 U	
Vinyl chloride	75-01-4	ug/L	(1)		< 2.6 U	< 2.6 U	< 12 U
Xylenes	1330-20-7	ug/L	(1)		< 0.84 U	< 0.84 U	< 2 U
WetChem							
Ammonia	7664-41-7	ug/L	(1)	< 60 UJ	< 60 UJ	61.6 J	
Chloride	16887-00-6	ug/L	(1)	14300	20900	22000	
Cyanide	57-12-5	ug/L	(1)	< 2.5 U	< 2.5 R	< 2.5 R	< 5 UJ
Fluoride	16984-48-8	ug/L	(1)	< 1230 U	< 1230 U	< 1230 U	
Hardness	HARDNESS	ug/L	(1)				29800
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	85.3	69	60.8	
Phosphate	14265-44-2	ug/L	(1)	45.3	18.9	< 13.3 U	
Sulfate	14808-79-8	ug/L	(1)	14000	< 10000 U	< 10000 U	
Sulfide	18496-25-8	ug/L	(1)	< 50 U	< 50 U	< 50 U	

Historic Analytical Results for Groundwater Samples at PICA 075/Site 188

		Site Name	188	188	188
		Location ID	L-188-MW-001	L-188-MW-001	L-188-MW-001R
		Sample Date	1/3/2001	1/3/2001	2/10/2005
		Depth Interval	3 - 13	3 - 13	9 - 19
		Sample ID	188MW-1(20010103)	188MW-1DUP(20010103)	188MW-1R(20050210)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Isotope					
Radium-228	15262-20-1	pCi/L	0.94 J	0.83 J	
Metals					
Aluminum	7429-90-5	ug/L	22000		
Antimony	7440-36-0	ug/L	4.3 J		
Arsenic	7440-38-2	ug/L	5.1		
Barium	7440-39-3	ug/L	150 J		
Beryllium	7440-41-7	ug/L	< 2 U		
Cadmium	7440-43-9	ug/L	< 2 U		
Calcium	7440-70-2	ug/L	41000		
Chromium	7440-47-3	ug/L	69		
Cobalt	7440-48-4	ug/L	24 J		
Copper	7440-50-8	ug/L	47		
Iron	7439-89-6	ug/L	47200		
Lead	7439-92-1	ug/L	< 3 R		
Magnesium	7439-95-4	ug/L	16800		
Manganese	7439-96-5	ug/L	8400		
Mercury	7439-97-6	ug/L	< 0.092 U		
Nickel	7440-02-0	ug/L	47		
Potassium	7440-09-7	ug/L	6500		
Selenium	7782-49-2	ug/L	< 5 U		
Silver	7440-22-4	ug/L	< 4 U		
Sodium	7440-23-5	ug/L	27900		
Thallium	7440-28-0	ug/L	1.7 JWb		< 1 U
Vanadium	7440-62-2	ug/L	67		
Zinc	7440-66-6	ug/L	< 20 R		
Radiological					
Americium-241	86954-36-1	pCi/L	< 19 U	< 24 U	
Cesium-137	10045-97-3	pCi/L	< 15 U	< 16 U	
Cobalt-60	10198-40-0	pCi/L	< 20 U	< 20 U	
Gross alpha	12587-46-1	pCi/L	13.1	16.4	
Gross beta	12587-47-2	pCi/L	19.9	20.5	
Radium-226	13982-63-3	pCi/L	0.5 J	< 0.21 UJ	
Total Uranium	7440-61-1 U	ug/L	< 1 U	< 1 U	
Uranium-234	13966-29-5	pCi/L	0.85 J	0.76 J	
Uranium-235	15117-96-1	pCi/L	0.16 J	< 0.17 U	
Uranium-238	7440-61-1 U-238	pCi/L	< 0.07 (U)	< 0.2 (U)	
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U		
Acenaphthene	83-32-9	ug/L	< 10 U		
Acenaphthylene	208-96-8	ug/L	< 10 U		
Anthracene	120-12-7	ug/L	< 10 U		
Benz(a)anthracene	56-55-3	ug/L	< 10 U		
Benzo(a)pyrene	50-32-8	ug/L	< 10 U		
Benzo(b)fluoranthene	205-99-2	ug/L	< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	< 10 U		
Benzo(k)fluoranthene	207-08-9	ug/L	< 10 U		
Chrysene	218-01-9	ug/L	< 10 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	< 10 U		
Fluoranthene	206-44-0	ug/L	< 10 U		
Fluorene	86-73-7	ug/L	< 10 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 10 U		
Naphthalene	91-20-3	ug/L	< 10 U		
Phenanthrene	85-01-8	ug/L	< 10 U		
Pyrene	129-00-0	ug/L	< 10 U		
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U		
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U		
1,1-Dichloroethane	75-34-3	ug/L	< 1 U		
1,1-Dichloroethene	75-35-4	ug/L	< 1 U		
1,2-Dichloroethane	107-06-2	ug/L	< 1 U		
1,2-Dichloropropane	78-87-5	ug/L	< 1 U		
2-Butanone	78-93-3	ug/L	< 10 U		
2-Hexanone	591-78-6	ug/L	< 10 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U		

		Site Name	188	188	188
		Location ID	L-188-MW-001	L-188-MW-001	L-188-MW-001R
		Sample Date	1/3/2001	1/3/2001	2/10/2005
		Depth Interval	3 - 13	3 - 13	9 - 19
		Sample ID	188MW-1(20010103)	188MW-1DUP(20010103)	188MW-1R(20050210)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Acetone	67-64-1	ug/L	9.3 J		
Acetonitrile	75-05-8	ug/L	< 20 R		
Benzene	71-43-2	ug/L	< 1 U		
Bromodichloromethane	75-27-4	ug/L	< 1 U		
Bromoform	75-25-2	ug/L	< 1 U		
Bromomethane	74-83-9	ug/L	< 2 U		
Carbon disulfide	75-15-0	ug/L	6.2		
Carbon tetrachloride	56-23-5	ug/L	< 1 U		
Chlorobenzene	108-90-7	ug/L	< 1 U		
Chloroethane	75-00-3	ug/L	< 2 U		
Chloroform	67-66-3	ug/L	< 1 U		
Chloromethane	74-87-3	ug/L	< 2 U		
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U		
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U		
Dibromochloromethane	124-48-1	ug/L	< 1 U		
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U		
Ethyl benzene	100-41-4	ug/L	< 1 U		
Methylene chloride	75-09-2	ug/L	< 1 U		
Styrene	100-42-5	ug/L	< 1 U		
Tetrachloroethene	127-18-4	ug/L	< 1 U		
Toluene	108-88-3	ug/L	< 1 U		
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U		
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U		
Trichloroethene	79-01-6	ug/L	< 1 U		
Trichlorofluoromethane	75-69-4	ug/L	< 2 U		
Vinyl chloride	75-01-4	ug/L	< 2 U		
Xylenes	1330-20-7	ug/L	< 1 U		

Historic Analytical Results for Sediment Samples at PICA 075/Site 188

		Site Name	188	188
		Location ID	L-188-SD-001	L-188-SD-002
		Sample Date	10/23/2000	4/27/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	188SD-1(0-1)	188SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Isotope				
Radium-228	15262-20-1	pCi/g	1.12 J	
Metals				
Aluminum	7429-90-5	mg/kg	11200	15100 J
Antimony	7440-36-0	mg/kg	1.1 J	< 2.2 U
Arsenic	7440-38-2	mg/kg	6.9	9.7 J
Barium	7440-39-3	mg/kg	44.7	339 J
Beryllium	7440-41-7	mg/kg	< 0.77 U	0.33 J
Cadmium	7440-43-9	mg/kg	0.28 J	3.9 J
Calcium	7440-70-2	mg/kg	1220	8790 J
Chromium	7440-47-3	mg/kg	14.4	19.5 J
Cobalt	7440-48-4	mg/kg	11.7	19.6 J
Copper	7440-50-8	mg/kg	25.5	60.9 J
Iron	7439-89-6	mg/kg	22600	31900 J
Lead	7439-92-1	mg/kg	19.2	134 J
Magnesium	7439-95-4	mg/kg	2220	2470 J
Manganese	7439-96-5	mg/kg	244	13100 JD
Mercury	7439-97-6	mg/kg	0.02 J	0.31 J
Nickel	7440-02-0	mg/kg	15.1	25.6 J
Potassium	7440-09-7	mg/kg	873	656 J
Selenium	7782-49-2	mg/kg	0.6 J	1.6 JD
Silver	7440-22-4	mg/kg	< 0.77 U	< 2.2 UD
Sodium	7440-23-5	mg/kg	90.6 J	346 J
Thallium	7440-28-0	mg/kg	< 1.5 U	3.6 JD
Vanadium	7440-62-2	mg/kg	22.7	33.5 J
Zinc	7440-66-6	mg/kg	118	2480 JD
Radiological				
Americium-241	86954-36-1	pCi/g	< 0.18 U	
Cesium-137	10045-97-3	pCi/g	< 0.15 U	
Cobalt-60	10198-40-0	pCi/g	< 0.13 U	
Gross alpha	12587-46-1	pCi/g	13.7	
Gross beta	12587-47-2	pCi/g	21.5	
Radium-226	13982-63-3	pCi/g	0.6 J	
Total Uranium	7440-61-1 U	mg/kg	< 0.01 U	
Uranium-234	13966-29-5	pCi/g	< 0.17 U	
Uranium-235	15117-96-1	pCi/g	< 0.17 U	
Uranium-238	7440-61-1 U-238	pCi/g	0.61 J	
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.96 U	
Acenaphthene	83-32-9	mg/kg	< 0.51 U	< 0.72 U
Acenaphthylene	208-96-8	mg/kg	< 0.51 U	< 0.72 U
Anthracene	120-12-7	mg/kg	< 0.51 U	< 0.72 U
Benz(a)anthracene	56-55-3	mg/kg	0.18 J	0.64 J
Benzo(a)pyrene	50-32-8	mg/kg	0.18 J	0.74
Benzo(b)fluoranthene	205-99-2	mg/kg	0.22 J	0.98
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.08 J	0.39 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.08 J	0.38 J
Chrysene	218-01-9	mg/kg	0.2 J	0.82
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.51 U	< 0.72 U
Fluoranthene	206-44-0	mg/kg	0.4 J	1.8
Fluorene	86-73-7	mg/kg	< 0.51 U	< 0.72 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.09 J	0.37 J
Naphthalene	91-20-3	mg/kg	< 0.51 U	< 0.72 U
Phenanthrene	85-01-8	mg/kg	0.22 J	0.96
Pyrene	129-00-0	mg/kg	0.37 J	1.4

		Site Name	188	188
		Location ID	L-188-SD-001	L-188-SD-002
		Sample Date	10/23/2000	4/27/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	188SD-1(0-1)	188SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.96 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.96 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.96 U	
1,1-Dichloroethane	75-34-3	mg/kg	< 0.96 U	
1,1-Dichloroethene	75-35-4	mg/kg	< 0.96 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.96 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.96 U	
2-Butanone	78-93-3	mg/kg	< 19 U	
2-Hexanone	591-78-6	mg/kg	< 9.6 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 9.6 U	
Acetone	67-64-1	mg/kg	< 19 (U)	
Acetonitrile	75-05-8	mg/kg	< 39 R	
Benzene	71-43-2	mg/kg	< 0.96 U	
Bromodichloromethane	75-27-4	mg/kg	< 0.96 U	
Bromoform	75-25-2	mg/kg	< 0.96 U	
Bromomethane	74-83-9	mg/kg	< 1.9 U	
Carbon disulfide	75-15-0	mg/kg	< 0.96 U	
Carbon tetrachloride	56-23-5	mg/kg	< 0.96 U	
Chlorobenzene	108-90-7	mg/kg	< 0.96 U	
Chloroethane	75-00-3	mg/kg	< 1.9 U	
Chloroform	67-66-3	mg/kg	< 0.96 U	
Chloromethane	74-87-3	mg/kg	< 1.9 U	
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.96 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.96 U	
Dichlorodifluoromethane	75-71-8	mg/kg	< 1.9 U	
Ethyl benzene	100-41-4	mg/kg	< 0.96 U	
Methylene chloride	75-09-2	mg/kg	< 0.96 U	
Styrene	100-42-5	mg/kg	< 0.96 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.96 U	
Toluene	108-88-3	mg/kg	< 0.96 U	
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.96 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.96 U	
Trichloroethene	79-01-6	mg/kg	< 0.96 U	
Trichlorofluoromethane	75-69-4	mg/kg	< 0.96 U	
Vinyl chloride	75-01-4	mg/kg	< 1.9 U	
Xylenes	1330-20-7	mg/kg	< 0.96 U	
WetChem				
% Solids	%Solid	%	64.8	45.7

Chemical Name	CAS No	Site Name	188	188	188	188	188	188	188
		Location ID	L-188-MW-001	L-188-MW-001	L-188-SB-001	L-188-SS-001	L-188-SS-002	L-188-SS-003	L-188-SS-004
		Sample Date	11/7/2000	11/7/2000	6/1/2001	10/16/2000	10/16/2000	10/16/2000	10/16/2000
		Depth Interval	0 - 2	4 - 6	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188MW-1A(0-2)	188MW-1B(4-6)	188SB-1B(4-6)	188SS-1A(0-1)	188SS-2A(0-1)	188SS-3A(0-1)	188SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Explosives									
Nitrobenzene	98-95-3	mg/kg							
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg							
Isotope									
Radium-228	15262-20-1	pCi/g							
Metals									
Aluminum	7429-90-5	mg/kg	10600 J	7640 J					
Antimony	7440-36-0	mg/kg	3.2 J	< 1.2 UJ					
Arsenic	7440-38-2	mg/kg	18.6 J	3.2 J	2.2	17.3	25.5	64.4	98.4
Barium	7440-39-3	mg/kg	142 J	39.5 J					
Beryllium	7440-41-7	mg/kg	< 0.55 U	< 0.59 U					
Cadmium	7440-43-9	mg/kg	0.54 J	0.12 J					
Calcium	7440-70-2	mg/kg	8130 J	1940 J					
Chromium	7440-47-3	mg/kg	14.7 J	14.5 J					
Cobalt	7440-48-4	mg/kg	10 J	8.5 J					
Copper	7440-50-8	mg/kg	60.5 J	16 J					
Iron	7439-89-6	mg/kg	21700 J	21200 J					
Lead	7439-92-1	mg/kg	140 J	1.9 J		321	291		
Magnesium	7439-95-4	mg/kg	4320 J	2340 J					
Manganese	7439-96-5	mg/kg	1180 J	329 J					
Mercury	7439-97-6	mg/kg	0.17 J	0.01 J					
Nickel	7440-02-0	mg/kg	14.8 J	10.6 J					
Potassium	7440-09-7	mg/kg	1410 J	1140 J					
Selenium	7782-49-2	mg/kg	0.75 J	< 0.59 U					
Silver	7440-22-4	mg/kg	< 0.55 U	< 0.59 U					
Sodium	7440-23-5	mg/kg	< 547 U	< 591 U					
Thallium	7440-28-0	mg/kg	< 1.1 U	< 1.2 U					
Vanadium	7440-62-2	mg/kg	30.5 J	27.3 J					
Zinc	7440-66-6	mg/kg	339 J	23.1 J		62	761		
Radiological									
Americium-241	86954-36-1	pCi/g							
Cesium-137	10045-97-3	pCi/g							
Cobalt-60	10198-40-0	pCi/g							
Gross alpha	12587-46-1	pCi/g							
Gross beta	12587-47-2	pCi/g							
Radium-226	13982-63-3	pCi/g							
Total Uranium	7440-61-1 U	mg/kg							
Uranium-234	13966-29-5	pCi/g							
Uranium-235	15117-96-1	pCi/g							
Uranium-238	7440-61-1 U-238	pCi/g							

Chemical Name	CAS No	Site Name	188	188	188	188	188	188	188
		Location ID	L-188-MW-001	L-188-MW-001	L-188-SB-001	L-188-SS-001	L-188-SS-002	L-188-SS-003	L-188-SS-004
		Sample Date	11/7/2000	11/7/2000	6/1/2001	10/16/2000	10/16/2000	10/16/2000	10/16/2000
		Depth Interval	0 - 2	4 - 6	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188MW-1A(0-2)	188MW-1B(4-6)	188SB-1B(4-6)	188SS-1A(0-1)	188SS-2A(0-1)	188SS-3A(0-1)	188SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
SVOC		Unit							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.7 UD						
1,2,4-Trichlorobenzene	120-82-1	mg/kg							
1,2-Dichlorobenzene	95-50-1	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg							
2,4,5-Trichlorophenol	95-95-4	mg/kg							
2,4,6-Trichlorophenol	88-06-2	mg/kg							
2,4-Dichlorophenol	120-83-2	mg/kg							
2,4-Dimethylphenol	105-67-9	mg/kg							
2,4-Dinitrophenol	51-28-5	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg							
2-Chlorophenol	95-57-8	mg/kg							
2-Methylnaphthalene	91-57-6	mg/kg							
2-Methylphenol	95-48-7	mg/kg							
2-Nitroaniline	88-74-4	mg/kg							
2-Nitrophenol	88-75-5	mg/kg							
3,3'-Dichlorobenzidine	91-94-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							
4-Bromophenyl phenyl ether	101-55-3	mg/kg							
4-Chloro-3-methylphenol	59-50-7	mg/kg							
4-Chloroaniline	106-47-8	mg/kg							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg	2.5 JD	< 0.39 U	< 0.37 U	< 0.36 U	< 0.37 U	1 JD	0.22 JD
Acenaphthylene	208-96-8	mg/kg	< 7.2 UD	< 0.39 U	< 0.37 U	0.21 J	< 0.37 U	< 2.5 UD	< 1.9 UD
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg	7.2 D	< 0.39 U	< 0.37 U	0.3 J	< 0.37 U	2 JD	0.86 JD
Benz(a)anthracene	56-55-3	mg/kg	17 D	0.04 J	< 0.37 U	1 J	0.07 J	5.3 JD	4.3 JD
Benzo(a)pyrene	50-32-8	mg/kg	15 D	< 0.39 U	< 0.37 U	1.1	0.08 J	6.3 D	5.1 D
Benzo(b)fluoranthene	205-99-2	mg/kg	17 D	< 0.39 U	< 0.37 U	2.9	0.13 J	7.5 D	6.6 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	7.5 D	< 0.39 U	< 0.37 U	0.64	< 0.37 U	3.8 D	2.7 D
Benzo(k)fluoranthene	207-08-9	mg/kg	9.2 D	< 0.39 U	< 0.37 U	0.83 J	< 0.37 U	2.7 D	2.6 JD
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg	17 D	< 0.39 U	< 0.37 U	1.6	0.11 J	7.6 D	5.9 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	2 JD	< 0.39 U	< 0.37 U	0.14 J	< 0.37 U	0.96 JD	0.81 JD
Dibenzofuran	132-64-9	mg/kg							
Diethylphthalate	84-66-2	mg/kg							

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	Unit
SVOC (continued)			
Dimethylphthalate	131-11-3		mg/kg
di-n-Butylphthalate	84-74-2		mg/kg
di-n-Octylphthalate	117-84-0		mg/kg
Diphenylamine	122-39-4		mg/kg
Fluoranthene	206-44-0	37 D	mg/kg
Fluorene	86-73-7	3.8 JD	mg/kg
Hexachlorobenzene	118-74-1		mg/kg
Hexachlorobutadiene	87-68-3		mg/kg
Hexachlorocyclopentadiene	77-47-4		mg/kg
Hexachloroethane	67-72-1		mg/kg
Indeno(1,2,3-c,d)pyrene	193-39-5	7.7 D	mg/kg
Isophorone	78-59-1		mg/kg
Naphthalene	91-20-3	0.8 JD	mg/kg
n-Nitroso-di-n-propylamine	621-64-7		mg/kg
n-Nitrosodiphenylamine	86-30-6		mg/kg
Pentachlorophenol	87-86-5		mg/kg
Phenanthrene	85-01-8	29 D	mg/kg
Phenol	108-95-2		mg/kg
Pyrene	129-00-0	34 D	mg/kg
VOC			
1,1,1-Trichloroethane	71-55-6	< 0.7 UD	mg/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	< 0.7 UD	mg/kg
1,1,2-Trichloroethane	79-00-5	< 0.7 UD	mg/kg
1,1-Dichloroethane	75-34-3	< 0.7 UD	mg/kg
1,1-Dichloroethene	75-35-4	< 0.7 UD	mg/kg
1,2-Dichloroethane	107-06-2	< 0.7 UD	mg/kg
1,2-Dichloropropane	78-87-5	< 0.7 UD	mg/kg
2-Butanone	78-93-3	< 14 UD	mg/kg
2-Hexanone	591-78-6	< 7 UD	mg/kg
4-Methyl-2-pentanone (MIBK)	108-10-1	< 7 UD	mg/kg
Acetone	67-64-1	< 14 (U)D	mg/kg
Acetonitrile	75-05-8	< 28 R	mg/kg
Benzene	71-43-2	< 0.7 UD	mg/kg
Bromodichloromethane	75-27-4	< 0.7 UD	mg/kg
Bromoform	75-25-2	< 0.7 UD	mg/kg
Bromomethane	74-83-9	< 1.4 UD	mg/kg
Carbon disulfide	75-15-0	< 0.7 UD	mg/kg
Carbon tetrachloride	56-23-5	< 0.7 UD	mg/kg
Chlorobenzene	108-90-7	< 0.7 UD	mg/kg
Chloroethane	75-00-3	< 1.4 UD	mg/kg
Chloroform	67-66-3	< 0.7 UD	mg/kg
Chloromethane	74-87-3	< 1.4 UD	mg/kg
cis-1,2-Dichloroethene	156-59-2	< 0.7 UD	mg/kg
cis-1,3-Dichloropropene	10061-01-5	< 0.7 UD	mg/kg
Dibromochloromethane	124-48-1	< 0.7 UD	mg/kg

Site Name	188	188	188	188	188	188	188
Location ID	L-188-MW-001	L-188-MW-001	L-188-SB-001	L-188-SS-001	L-188-SS-002	L-188-SS-003	L-188-SS-004
Sample Date	11/7/2000	11/7/2000	6/1/2001	10/16/2000	10/16/2000	10/16/2000	10/16/2000
Depth Interval	0 - 2	4 - 6	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1
Sample ID	188MW-1A(0-2)	188MW-1B(4-6)	188SB-1B(4-6)	188SS-1A(0-1)	188SS-2A(0-1)	188SS-3A(0-1)	188SS-4A(0-1)
Sample Matrix	SO	SO	SO	SO	SO	SO	SO

Chemical Name	CAS No	Unit							
Fluoranthene	206-44-0	mg/kg	37 D	0.08 J	< 0.37 U	2.6	0.15 J	15 D	9 D
Fluorene	86-73-7	mg/kg	3.8 JD	< 0.39 U	< 0.37 U	< 0.36 U	< 0.37 U	0.99 JD	0.24 JD
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	7.7 D	< 0.39 U	< 0.37 U	0.74	0.06 J	3.8 D	2.6 D
Naphthalene	91-20-3	mg/kg	0.8 JD	< 0.39 U	< 0.37 U	0.05 J	< 0.37 U	0.34 JD	< 1.9 UD
Phenanthrene	85-01-8	mg/kg	29 D	0.06 J	< 0.37 U	0.72	0.07 J	9.6 D	3.4 D
Pyrene	129-00-0	mg/kg	34 D	0.07 J	< 0.37 U	2.9	0.16 J	17 D	13 D

Chemical Name	CAS No	Site Name	188	188	188	188	188	188	188
		Location ID	L-188-MW-001	L-188-MW-001	L-188-SB-001	L-188-SS-001	L-188-SS-002	L-188-SS-003	L-188-SS-004
		Sample Date	11/7/2000	11/7/2000	6/1/2001	10/16/2000	10/16/2000	10/16/2000	10/16/2000
		Depth Interval	0 - 2	4 - 6	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188MW-1A(0-2)	188MW-1B(4-6)	188SB-1B(4-6)	188SS-1A(0-1)	188SS-2A(0-1)	188SS-3A(0-1)	188SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
VOC (continued)									
Dichlorodifluoromethane	75-71-8	mg/kg	< 1.4 UD						
Ethyl benzene	100-41-4	mg/kg	< 0.7 UD						
Methylene chloride	75-09-2	mg/kg	< 0.7 UD						
Styrene	100-42-5	mg/kg	< 0.7 UD						
Tetrachloroethene	127-18-4	mg/kg	< 0.7 UD						
Toluene	108-88-3	mg/kg	< 0.7 UD						
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.7 UD						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.7 UD						
Trichloroethene	79-01-6	mg/kg	< 0.7 UD						
Trichlorofluoromethane	75-69-4	mg/kg	< 0.7 UD						
Vinyl chloride	75-01-4	mg/kg	< 1.4 UD						
Xylenes	1330-20-7	mg/kg	< 0.7 UD						
WetChem									
% Solids	%Solid	%	91.4	84.7	88.4	90.6	89.4	88.3	89

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	188 L-188-SS-005 10/16/2000 0 - 1 188SS-5A(0-1) SO	188 L-188-SS-006 10/16/2000 0 - 1 188SS-6A(0-1) SO	188 L-188-SS-007 10/16/2000 1 - 2 188SS-7B(1-2) SO	188 L-188-SS-008 10/16/2000 0 - 1 188SS-8A(0-1) SO	188 L-188-SS-008 10/16/2000 0 - 1 188SS-8ADUP(0-1) SO	188 L-188-SS-009 10/16/2000 0 - 1 188SS-9A(0-1) SO	188 L-188-SS-010A 4/26/2001 0 - 1 188SS-10A(0-1) SO
Explosives									
Nitrobenzene	98-95-3	mg/kg							
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg							
Isotope									
Radium-228	15262-20-1	pCi/g				0.69	0.8	1.03	
Metals									
Aluminum	7429-90-5	mg/kg							
Antimony	7440-36-0	mg/kg							
Arsenic	7440-38-2	mg/kg	46.2	42.5	62.5				28.7
Barium	7440-39-3	mg/kg							
Beryllium	7440-41-7	mg/kg							
Cadmium	7440-43-9	mg/kg							
Calcium	7440-70-2	mg/kg							
Chromium	7440-47-3	mg/kg							
Cobalt	7440-48-4	mg/kg							
Copper	7440-50-8	mg/kg							
Iron	7439-89-6	mg/kg							
Lead	7439-92-1	mg/kg							
Magnesium	7439-95-4	mg/kg							
Manganese	7439-96-5	mg/kg							
Mercury	7439-97-6	mg/kg							
Nickel	7440-02-0	mg/kg							
Potassium	7440-09-7	mg/kg							
Selenium	7782-49-2	mg/kg							
Silver	7440-22-4	mg/kg							
Sodium	7440-23-5	mg/kg							
Thallium	7440-28-0	mg/kg							
Vanadium	7440-62-2	mg/kg							
Zinc	7440-66-6	mg/kg							
Radiological									
Americium-241	86954-36-1	pCi/g				< 0.19 U	< 0.29 U	< 0.14 U	
Cesium-137	10045-97-3	pCi/g				0.11	< 0.11 U	< 0.12 U	
Cobalt-60	10198-40-0	pCi/g				< 0.11 U	< 0.11 U	< 0.12 U	
Gross alpha	12587-46-1	pCi/g				10.2	7.8 J	7.9 J	
Gross beta	12587-47-2	pCi/g				22	19	19.4	
Radium-226	13982-63-3	pCi/g				0.59 J	0.53 J	0.67 J	
Total Uranium	7440-61-1 U	mg/kg				0.68 J	0.72 J	56.3 D	
Uranium-234	13966-29-5	pCi/g				< 0.1 U	< 0.09 U	< 0.1 U	
Uranium-235	15117-96-1	pCi/g				< 0.11 U	< 0.12 U	< 0.097 U	
Uranium-238	7440-61-1 U-238	pCi/g				0.5 J	0.63 J	0.91 J	

Chemical Name	CAS No	Site Name	188	188	188	188	188	188	188
		Location ID	L-188-SS-005	L-188-SS-006	L-188-SS-007	L-188-SS-008	L-188-SS-008	L-188-SS-009	L-188-SS-010A
		Sample Date	10/16/2000	10/16/2000	10/16/2000	10/16/2000	10/16/2000	10/16/2000	4/26/2001
		Depth Interval	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188SS-5A(0-1)	188SS-6A(0-1)	188SS-7B(1-2)	188SS-8A(0-1)	188SS-8ADUP(0-1)	188SS-9A(0-1)	188SS-10A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
SVOC		Unit							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							
1,2,4-Trichlorobenzene	120-82-1	mg/kg							
1,2-Dichlorobenzene	95-50-1	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg							
2,4,5-Trichlorophenol	95-95-4	mg/kg							
2,4,6-Trichlorophenol	88-06-2	mg/kg							
2,4-Dichlorophenol	120-83-2	mg/kg							
2,4-Dimethylphenol	105-67-9	mg/kg							
2,4-Dinitrophenol	51-28-5	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg							
2-Chlorophenol	95-57-8	mg/kg							
2-Methylnaphthalene	91-57-6	mg/kg							
2-Methylphenol	95-48-7	mg/kg							
2-Nitroaniline	88-74-4	mg/kg							
2-Nitrophenol	88-75-5	mg/kg							
3,3'-Dichlorobenzidine	91-94-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							
4-Bromophenyl phenyl ether	101-55-3	mg/kg							
4-Chloro-3-methylphenol	59-50-7	mg/kg							
4-Chloroaniline	106-47-8	mg/kg							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg	0.38 JD	0.3 JD	0.81 JD				< 0.36 U
Acenaphthylene	208-96-8	mg/kg	< 1.5 UD	< 1.9 UD	< 3.7 UD				< 0.36 U
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg	1.4 JD	1.5 JD	2.9 JD				0.25 J
Benz(a)anthracene	56-55-3	mg/kg	4.4 JD	4.9 JD	8.4 JD				0.88
Benzo(a)pyrene	50-32-8	mg/kg	5.4 D	5.6 D	8.9 D				1.1
Benzo(b)fluoranthene	205-99-2	mg/kg	7.3 D	7.1 D	11 D				1
Benzo(g,h,i)perylene	191-24-2	mg/kg	2.5 D	2.9 D	3.9 D				0.67
Benzo(k)fluoranthene	207-08-9	mg/kg	2.5 JD	2.4 JD	4.6 JD				0.64
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg	5.4 D	5.9 D	11 D				1.1
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.76 JD	0.83 JD	1.2 JD				0.18 J
Dibenzofuran	132-64-9	mg/kg							
Diethylphthalate	84-66-2	mg/kg							

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	188 / L-188-SS-005 / 10/16/2000 / 0 - 1 / 188SS-5A(0-1) / SO	188 / L-188-SS-006 / 10/16/2000 / 0 - 1 / 188SS-6A(0-1) / SO	188 / L-188-SS-007 / 10/16/2000 / 1 - 2 / 188SS-7B(1-2) / SO	188 / L-188-SS-008 / 10/16/2000 / 0 - 1 / 188SS-8A(0-1) / SO	188 / L-188-SS-008 / 10/16/2000 / 0 - 1 / 188SS-8ADUP(0-1) / SO	188 / L-188-SS-009 / 10/16/2000 / 0 - 1 / 188SS-9A(0-1) / SO	188 / L-188-SS-010A / 4/26/2001 / 0 - 1 / 188SS-10A(0-1) / SO
SVOC (continued)									
Dimethylphthalate	131-11-3	mg/kg							
di-n-Butylphthalate	84-74-2	mg/kg							
di-n-Octylphthalate	117-84-0	mg/kg							
Diphenylamine	122-39-4	mg/kg							
Fluoranthene	206-44-0	mg/kg	13 D	14 D	22 D				2.1
Fluorene	86-73-7	mg/kg	0.49 JD	0.61 JD	1.7 JD				< 0.36 U
Hexachlorobenzene	118-74-1	mg/kg							
Hexachlorobutadiene	87-68-3	mg/kg							
Hexachlorocyclopentadiene	77-47-4	mg/kg							
Hexachloroethane	67-72-1	mg/kg							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	2.7 D	2.9 D	4.1 D				0.56
Isophorone	78-59-1	mg/kg							
Naphthalene	91-20-3	mg/kg	< 1.5 UD	< 1.9 UD	< 3.7 UD				< 0.36 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							
n-Nitrosodiphenylamine	86-30-6	mg/kg							
Pentachlorophenol	87-86-5	mg/kg							
Phenanthrene	85-01-8	mg/kg	4.8 D	6.2 D	12 D				0.83
Phenol	108-95-2	mg/kg							
Pyrene	129-00-0	mg/kg	13 D	16 D	25 D				2.1
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg							
1,1,2-Trichloroethane	79-00-5	mg/kg							
1,1-Dichloroethane	75-34-3	mg/kg							
1,1-Dichloroethene	75-35-4	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg							
2-Butanone	78-93-3	mg/kg							
2-Hexanone	591-78-6	mg/kg							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							
Acetone	67-64-1	mg/kg							
Acetonitrile	75-05-8	mg/kg							
Benzene	71-43-2	mg/kg							
Bromodichloromethane	75-27-4	mg/kg							
Bromoform	75-25-2	mg/kg							
Bromomethane	74-83-9	mg/kg							
Carbon disulfide	75-15-0	mg/kg							
Carbon tetrachloride	56-23-5	mg/kg							
Chlorobenzene	108-90-7	mg/kg							
Chloroethane	75-00-3	mg/kg							
Chloroform	67-66-3	mg/kg							
Chloromethane	74-87-3	mg/kg							
cis-1,2-Dichloroethene	156-59-2	mg/kg							
cis-1,3-Dichloropropene	10061-01-5	mg/kg							
Dibromochloromethane	124-48-1	mg/kg							

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	188 L-188-SS-005 10/16/2000 0 - 1 188SS-5A(0-1) SO	188 L-188-SS-006 10/16/2000 0 - 1 188SS-6A(0-1) SO	188 L-188-SS-007 10/16/2000 1 - 2 188SS-7B(1-2) SO	188 L-188-SS-008 10/16/2000 0 - 1 188SS-8A(0-1) SO	188 L-188-SS-008 10/16/2000 0 - 1 188SS-8ADUP(0-1) SO	188 L-188-SS-009 10/16/2000 0 - 1 188SS-9A(0-1) SO	188 L-188-SS-010A 4/26/2001 0 - 1 188SS-10A(0-1) SO
VOC (continued)									
Dichlorodifluoromethane	75-71-8	mg/kg							
Ethyl benzene	100-41-4	mg/kg							
Methylene chloride	75-09-2	mg/kg							
Styrene	100-42-5	mg/kg							
Tetrachloroethene	127-18-4	mg/kg							
Toluene	108-88-3	mg/kg							
trans-1,2-Dichloroethene	156-60-5	mg/kg							
trans-1,3-Dichloropropene	10061-02-6	mg/kg							
Trichloroethene	79-01-6	mg/kg							
Trichlorofluoromethane	75-69-4	mg/kg							
Vinyl chloride	75-01-4	mg/kg							
Xylenes	1330-20-7	mg/kg							
WetChem									
% Solids	%Solid	%	90.8	86.4	89.9				92.1

Chemical Name	CAS No	Site Name	188	188	188	188	188	188
		Location ID	L-188-SS-010A	L-188-SS-011	L-188-SS-012	L-188-SS-013	L-188-SS-013	L-188-SS-014
		Sample Date	4/26/2001	4/26/2001	4/26/2001	10/15/2001	2/18/2002	10/15/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188SS-10ADUP(0-1)	188SS-11A(0-1)	188SS-12A(0-1)	188SS-13(0-1)-120590	188SS-13(0-1)-120637	188SS-14(0-1)-120591
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
Explosives								
Nitrobenzene	98-95-3	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Isotope								
Radium-228	15262-20-1	pCi/g						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg	66.7	4.3	40.3		42.8	
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg				1020 J		25.1 J
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Thallium	7440-28-0	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						
Radiological								
Americium-241	86954-36-1	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Radium-226	13982-63-3	pCi/g						
Total Uranium	7440-61-1 U	mg/kg						
Uranium-234	13966-29-5	pCi/g						
Uranium-235	15117-96-1	pCi/g						
Uranium-238	7440-61-1 U-238	pCi/g						

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	188 L-188-SS-010A 4/26/2001 0 - 1 188SS-10ADUP(0-1) SO	188 L-188-SS-011 4/26/2001 0 - 1 188SS-11A(0-1) SO	188 L-188-SS-012 4/26/2001 0 - 1 188SS-12A(0-1) SO	188 L-188-SS-013 10/15/2001 0 - 1 188SS-13(0-1)-120590 SO	188 L-188-SS-013 2/18/2002 0 - 1 188SS-13(0-1)-120637 SO	188 L-188-SS-014 10/15/2001 0 - 1 188SS-14(0-1)-120591 SO
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg	< 0.36 U	< 0.58 U	< 1.8 UD	< 0.96 UD		< 0.38 U
Acenaphthylene	208-96-8	mg/kg	0.12 J	< 0.58 U	< 1.8 UD	< 0.96 UD		< 0.38 U
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg	0.42 J	< 0.58 U	< 1.8 UD	0.48 JD		< 0.38 U
Benz(a)anthracene	56-55-3	mg/kg	1	< 0.58 U	3.5 D	2.6 D		0.06 J
Benzo(a)pyrene	50-32-8	mg/kg	1.3	< 0.58 U	4 D	3 D		0.07 J
Benzo(b)fluoranthene	205-99-2	mg/kg	1.5 J	0.24 J	3.8 D	3.5 D		0.11 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.61 J	< 0.58 U	2.6 D	1.7 D		< 0.38 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.69 J	< 0.58 U	2.6 JD	1.8 D		< 0.38 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						
bis(2-Chloroethyl)ether	111-44-4	mg/kg						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						
Butylbenzyl phthalate	85-68-7	mg/kg						
Carbazole	86-74-8	mg/kg						
Chrysene	218-01-9	mg/kg	1.1	0.22 J	4.1 D	3.2 D		0.09 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.36 UJ	< 0.58 U	0.71 JD	0.48 JD		< 0.38 U
Dibenzofuran	132-64-9	mg/kg						
Diethylphthalate	84-66-2	mg/kg						

Chemical Name	CAS No	Site Name	188	188	188	188	188	188
		Location ID	L-188-SS-010A	L-188-SS-011	L-188-SS-012	L-188-SS-013	L-188-SS-013	L-188-SS-014
		Sample Date	4/26/2001	4/26/2001	4/26/2001	10/15/2001	2/18/2002	10/15/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188SS-10ADUP(0-1)	188SS-11A(0-1)	188SS-12A(0-1)	188SS-13(0-1)-120590	188SS-13(0-1)-120637	188SS-14(0-1)-120591
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
SVOC (continued)								
Dimethylphthalate	131-11-3	mg/kg						
di-n-Butylphthalate	84-74-2	mg/kg						
di-n-Octylphthalate	117-84-0	mg/kg						
Diphenylamine	122-39-4	mg/kg						
Fluoranthene	206-44-0	mg/kg	2.5	0.33 J	7 D	5.4 D		0.11 J
Fluorene	86-73-7	mg/kg	0.17 J	< 0.58 U	< 1.8 UD	0.16 JD		< 0.38 U
Hexachlorobenzene	118-74-1	mg/kg						
Hexachlorobutadiene	87-68-3	mg/kg						
Hexachlorocyclopentadiene	77-47-4	mg/kg						
Hexachloroethane	67-72-1	mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.67 J	< 0.58 U	2.1 D	1.5 D		< 0.38 U
Isophorone	78-59-1	mg/kg						
Naphthalene	91-20-3	mg/kg	< 0.36 U	< 0.58 U	< 1.8 UD	< 0.96 UD		< 0.38 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						
n-Nitrosodiphenylamine	86-30-6	mg/kg						
Pentachlorophenol	87-86-5	mg/kg						
Phenanthrene	85-01-8	mg/kg	1.3 J	< 0.58 U	2.3 D	2.1 D		< 0.38 U
Phenol	108-95-2	mg/kg						
Pyrene	129-00-0	mg/kg	1.9	0.3 J	8.9 D	4.9 D		0.11 J
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						

		Site Name	188	188	188	188	188	188
		Location ID	L-188-SS-010A	L-188-SS-011	L-188-SS-012	L-188-SS-013	L-188-SS-013	L-188-SS-014
		Sample Date	4/26/2001	4/26/2001	4/26/2001	10/15/2001	2/18/2002	10/15/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188SS-10ADUP(0-1)	188SS-11A(0-1)	188SS-12A(0-1)	188SS-13(0-1)-120590	188SS-13(0-1)-120637	188SS-14(0-1)-120591
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
VOC (continued)								
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Methylene chloride	75-09-2	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Solids	%Solid	%	91.1	57.2	89.4	86	76.5	87.8

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	188 / L-188-SS-014 / 2/19/2002 / 0 - 1 / 188SS-14(0-1)-120647 / SO	188 / L-188-SS-015 / 2/18/2002 / 0 - 1 / 188SS-15(0-1) / SO	188 / L-3173-SS-B / 10/16/2000 / 0 - 1 / 3173SS-B(0-1) / SO	188 / L-3173-SS-C / 10/16/2000 / 0 - 1 / 3173SS-C(0-1) / SO
Explosives						
Nitrobenzene	98-95-3	mg/kg		< 0.52 U		
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg		< 0.52 U		
2,6-Dinitrotoluene	606-20-2	mg/kg		< 0.52 U		
Isotope						
Radium-228	15262-20-1	pCi/g				
Metals						
Aluminum	7429-90-5	mg/kg				
Antimony	7440-36-0	mg/kg				
Arsenic	7440-38-2	mg/kg	2.1	7.5 JD	22.6	33.9
Barium	7440-39-3	mg/kg				
Beryllium	7440-41-7	mg/kg				
Cadmium	7440-43-9	mg/kg				
Calcium	7440-70-2	mg/kg				
Chromium	7440-47-3	mg/kg				
Cobalt	7440-48-4	mg/kg				
Copper	7440-50-8	mg/kg				
Iron	7439-89-6	mg/kg				
Lead	7439-92-1	mg/kg		351 D	295	
Magnesium	7439-95-4	mg/kg				
Manganese	7439-96-5	mg/kg				
Mercury	7439-97-6	mg/kg				
Nickel	7440-02-0	mg/kg				
Potassium	7440-09-7	mg/kg				
Selenium	7782-49-2	mg/kg				
Silver	7440-22-4	mg/kg				
Sodium	7440-23-5	mg/kg				
Thallium	7440-28-0	mg/kg				
Vanadium	7440-62-2	mg/kg				
Zinc	7440-66-6	mg/kg			344	
Radiological						
Americium-241	86954-36-1	pCi/g				
Cesium-137	10045-97-3	pCi/g				
Cobalt-60	10198-40-0	pCi/g				
Gross alpha	12587-46-1	pCi/g				
Gross beta	12587-47-2	pCi/g				
Radium-226	13982-63-3	pCi/g				
Total Uranium	7440-61-1 U	mg/kg				
Uranium-234	13966-29-5	pCi/g				
Uranium-235	15117-96-1	pCi/g				
Uranium-238	7440-61-1 U-238	pCi/g				

		Site Name	188	188	188	188
		Location ID	L-188-SS-014	L-188-SS-015	L-3173-SS-B	L-3173-SS-C
		Sample Date	2/19/2002	2/18/2002	10/16/2000	10/16/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188SS-14(0-1)-120647	188SS-15(0-1)	3173SS-B(0-1)	3173SS-C(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg				
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.52 U		
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.52 U		
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.52 U		
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.52 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.52 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.52 U		
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.52 U		
2,4-Dimethylphenol	105-67-9	mg/kg		< 0.52 U		
2,4-Dinitrophenol	51-28-5	mg/kg		< 2.5 U		
2-Chloronaphthalene	91-58-7	mg/kg		< 0.52 U		
2-Chlorophenol	95-57-8	mg/kg		< 0.52 U		
2-Methylnaphthalene	91-57-6	mg/kg		< 0.52 U		
2-Methylphenol	95-48-7	mg/kg		< 0.52 U		
2-Nitroaniline	88-74-4	mg/kg		< 2.5 U		
2-Nitrophenol	88-75-5	mg/kg		< 0.52 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 2.5 U		
3-Nitroaniline	99-09-2	mg/kg		< 2.5 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 2.5 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.52 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.52 U		
4-Chloroaniline	106-47-8	mg/kg		< 0.52 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.52 U		
4-Methylphenol	106-44-5	mg/kg		< 0.52 U#		
4-Nitroaniline	100-01-6	mg/kg		< 2.5 U		
4-Nitrophenol	100-02-7	mg/kg		< 2.5 U		
Acenaphthene	83-32-9	mg/kg		< 0.52 U	0.04 J	1 JD
Acenaphthylene	208-96-8	mg/kg		< 0.52 U	0.06 J	< 3.6 UD
Aniline	62-53-3	mg/kg		< 0.52 U		
Anthracene	120-12-7	mg/kg		0.08 J	0.19 J	2.8 JD
Benz(a)anthracene	56-55-3	mg/kg		0.41 J	0.62 J	7.6 JD
Benzo(a)pyrene	50-32-8	mg/kg		0.46 J	0.7	8.7 D
Benzo(b)fluoranthene	205-99-2	mg/kg		0.54	1.4	12 D
Benzo(g,h,i)perylene	191-24-2	mg/kg		0.28 J	0.51	4.3 D
Benzo(k)fluoranthene	207-08-9	mg/kg		0.29 J	0.47	4.5 JD
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.52 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.52 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.52 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.52 U		
Butylbenzyl phthalate	85-68-7	mg/kg		< 0.52 U		
Carbazole	86-74-8	mg/kg		< 0.52 U		
Chrysene	218-01-9	mg/kg		0.49 J	0.95	9.5 D
Dibenz(a,h)anthracene	53-70-3	mg/kg		0.08 J	0.16 J	1.3 JD
Dibenzofuran	132-64-9	mg/kg		< 0.52 U		
Diethylphthalate	84-66-2	mg/kg		< 0.52 U		

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	188 / L-188-SS-014 / 2/19/2002 / 0 - 1 / 188SS-14(0-1)-120647 / SO	188 / L-188-SS-015 / 2/18/2002 / 0 - 1 / 188SS-15(0-1) / SO	188 / L-3173-SS-B / 10/16/2000 / 0 - 1 / 3173SS-B(0-1) / SO	188 / L-3173-SS-C / 10/16/2000 / 0 - 1 / 3173SS-C(0-1) / SO
SVOC (continued)						
Dimethylphthalate	131-11-3	mg/kg		< 0.52 U		
di-n-Butylphthalate	84-74-2	mg/kg		< 0.52 U		
di-n-Octylphthalate	117-84-0	mg/kg		< 0.52 U		
Diphenylamine	122-39-4	mg/kg		< 0.52 U		
Fluoranthene	206-44-0	mg/kg		0.95	1.5	20 D
Fluorene	86-73-7	mg/kg		< 0.52 U	0.04 J	1.4 JD
Hexachlorobenzene	118-74-1	mg/kg		< 0.52 U		
Hexachlorobutadiene	87-68-3	mg/kg		< 0.52 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 2.5 U		
Hexachloroethane	67-72-1	mg/kg		< 0.52 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		0.25 J	0.48	4.5 D
Isophorone	78-59-1	mg/kg		< 0.52 U		
Naphthalene	91-20-3	mg/kg		< 0.52 U	< 0.37 U	0.44 JD
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 0.52 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.52 U		
Pentachlorophenol	87-86-5	mg/kg		< 0.52 U		
Phenanthrene	85-01-8	mg/kg		0.68	0.59	12 D
Phenol	108-95-2	mg/kg		< 0.52 U		
Pyrene	129-00-0	mg/kg		0.91	1.5	20 D
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg				
1,1,2-Trichloroethane	79-00-5	mg/kg				
1,1-Dichloroethane	75-34-3	mg/kg				
1,1-Dichloroethene	75-35-4	mg/kg				
1,2-Dichloroethane	107-06-2	mg/kg				
1,2-Dichloropropane	78-87-5	mg/kg				
2-Butanone	78-93-3	mg/kg				
2-Hexanone	591-78-6	mg/kg				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg				
Acetone	67-64-1	mg/kg				
Acetonitrile	75-05-8	mg/kg				
Benzene	71-43-2	mg/kg				
Bromodichloromethane	75-27-4	mg/kg				
Bromoform	75-25-2	mg/kg				
Bromomethane	74-83-9	mg/kg				
Carbon disulfide	75-15-0	mg/kg				
Carbon tetrachloride	56-23-5	mg/kg				
Chlorobenzene	108-90-7	mg/kg				
Chloroethane	75-00-3	mg/kg				
Chloroform	67-66-3	mg/kg				
Chloromethane	74-87-3	mg/kg				
cis-1,2-Dichloroethene	156-59-2	mg/kg				
cis-1,3-Dichloropropene	10061-01-5	mg/kg				
Dibromochloromethane	124-48-1	mg/kg				

		Site Name	188	188	188	188
		Location ID	L-188-SS-014	L-188-SS-015	L-3173-SS-B	L-3173-SS-C
		Sample Date	2/19/2002	2/18/2002	10/16/2000	10/16/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	188SS-14(0-1)-120647	188SS-15(0-1)	3173SS-B(0-1)	3173SS-C(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
VOC (continued)						
Dichlorodifluoromethane	75-71-8	mg/kg				
Ethyl benzene	100-41-4	mg/kg				
Methylene chloride	75-09-2	mg/kg				
Styrene	100-42-5	mg/kg				
Tetrachloroethene	127-18-4	mg/kg				
Toluene	108-88-3	mg/kg				
trans-1,2-Dichloroethene	156-60-5	mg/kg				
trans-1,3-Dichloropropene	10061-02-6	mg/kg				
Trichloroethene	79-01-6	mg/kg				
Trichlorofluoromethane	75-69-4	mg/kg				
Vinyl chloride	75-01-4	mg/kg				
Xylenes	1330-20-7	mg/kg				
WetChem						
% Solids	%Solid	%	80.8	63.2	90.1	90.6

		Site Name	188	188
		Location ID	L-188-SW-001	L-188-SW-001
		Sample Date	10/23/2000	10/27/2000
		Depth Interval		
		Sample ID	188SW-1(20001023)	188SW-1(20001027)
		Sample Matrix	WS	WS
Chemical Name	**CAS No**	**Unit**		
Isotope				
Radium-228	15262-20-1	pCi/L	< 0.87 U	
Metals				
Aluminum	7429-90-5	ug/L	1900	
Antimony	7440-36-0	ug/L	< 10 U	
Arsenic	7440-38-2	ug/L	< 3 U	
Barium	7440-39-3	ug/L	59 J	
Beryllium	7440-41-7	ug/L	< 2 U	
Cadmium	7440-43-9	ug/L	1 J	
Calcium	7440-70-2	ug/L	39000	
Chromium	7440-47-3	ug/L	5.7 J	
Cobalt	7440-48-4	ug/L	6.2 J	
Copper	7440-50-8	ug/L	11	
Iron	7439-89-6	ug/L	7200	
Lead	7439-92-1	ug/L	24	
Magnesium	7439-95-4	ug/L	12200	
Manganese	7439-96-5	ug/L	2400	
Mercury	7439-97-6	ug/L	< 0.092 U	
Nickel	7440-02-0	ug/L	5.5 J	
Potassium	7440-09-7	ug/L	1400 J	
Selenium	7782-49-2	ug/L	< 5 U	
Silver	7440-22-4	ug/L	< 4 U	
Sodium	7440-23-5	ug/L	30900	
Thallium	7440-28-0	ug/L	< 1.7 UJ	
Vanadium	7440-62-2	ug/L	7.8 J	
Zinc	7440-66-6	ug/L	< 20 R	
Radiological				
Americium-241	86954-36-1	pCi/L	< 35 U	
Cesium-137	10045-97-3	pCi/L	< 14 U	
Cobalt-60	10198-40-0	pCi/L	< 22 U	
Gross alpha	12587-46-1	pCi/L	< 3.1 U	
Gross beta	12587-47-2	pCi/L	4.1 J	
Radium-226	13982-63-3	pCi/L	0.35 J	
Total Uranium	7440-61-1 U	ug/L	< 1 U	
Uranium-234	13966-29-5	pCi/L	< 0.37 U	
Uranium-235	15117-96-1	pCi/L	< 0.37 U	
Uranium-238	7440-61-1 U-238	pCi/L	< 0.35 U	
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L		< 1 U
Acenaphthene	83-32-9	ug/L	< 10 U	
Acenaphthylene	208-96-8	ug/L	< 10 U	
Anthracene	120-12-7	ug/L	< 10 U	
Benz(a)anthracene	56-55-3	ug/L	< 10 U	
Benzo(a)pyrene	50-32-8	ug/L	< 10 U	
Benzo(b)fluoranthene	205-99-2	ug/L	< 10 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	< 10 UJ	
Benzo(k)fluoranthene	207-08-9	ug/L	< 10 U	
Chrysene	218-01-9	ug/L	< 10 UJ	
Dibenz(a,h)anthracene	53-70-3	ug/L	< 10 U	
Fluoranthene	206-44-0	ug/L	< 10 UJ	
Fluorene	86-73-7	ug/L	< 10 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 10 UJ	
Naphthalene	91-20-3	ug/L	< 10 U	
Phenanthrene	85-01-8	ug/L	< 10 U	
Pyrene	129-00-0	ug/L	< 10 U	
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L		< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L		< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L		< 1 U
1,1-Dichloroethane	75-34-3	ug/L		< 1 U
1,1-Dichloroethene	75-35-4	ug/L		< 1 U

		Site Name	188	188
		Location ID	L-188-SW-001	L-188-SW-001
		Sample Date	10/23/2000	10/27/2000
		Depth Interval		
		Sample ID	188SW-1(20001023)	188SW-1(20001027)
		Sample Matrix	WS	WS
Chemical Name	**CAS No**	**Unit**		
1,2-Dichloroethane	107-06-2	ug/L		< 1 U
1,2-Dichloropropane	78-87-5	ug/L		< 1 U
2-Butanone	78-93-3	ug/L		< 10 U
2-Hexanone	591-78-6	ug/L		< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L		< 5 U
VOC (continued)				
Acetone	67-64-1	ug/L		< 10 (U)
Acetonitrile	75-05-8	ug/L		< 20 R
Benzene	71-43-2	ug/L		< 1 U
Bromodichloromethane	75-27-4	ug/L		< 1 U
Bromoform	75-25-2	ug/L		< 1 UJ
Bromomethane	74-83-9	ug/L		< 2 U
Carbon disulfide	75-15-0	ug/L		< 1 U
Carbon tetrachloride	56-23-5	ug/L		< 1 UJ
Chlorobenzene	108-90-7	ug/L		< 1 U
Chloroethane	75-00-3	ug/L		< 2 U
Chloroform	67-66-3	ug/L		< 1 U
Chloromethane	74-87-3	ug/L		< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L		< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L		< 1 U
Dibromochloromethane	124-48-1	ug/L		< 1 U
Dichlorodifluoromethane	75-71-8	ug/L		< 2 U
Ethyl benzene	100-41-4	ug/L		< 1 U
Methylene chloride	75-09-2	ug/L		< 1 U
Styrene	100-42-5	ug/L		< 1 U
Tetrachloroethene	127-18-4	ug/L		< 1 U
Toluene	108-88-3	ug/L		< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L		< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L		< 1 U
Trichloroethene	79-01-6	ug/L		< 1 U
Trichlorofluoromethane	75-69-4	ug/L		< 2 U
Vinyl chloride	75-01-4	ug/L		< 2 U
Xylenes	1330-20-7	ug/L		< 1 U

		Site Name	188
		Location ID	L-188-SW-002
		Sample Date	4/27/2001
		Depth Interval	
		Sample ID	188SW-2(20010427)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
Isotope			
Radium-228	15262-20-1	pCi/L	
Metals			
Aluminum	7429-90-5	ug/L	850 J
Antimony	7440-36-0	ug/L	< 10 U
Arsenic	7440-38-2	ug/L	< 3 U
Barium	7440-39-3	ug/L	43 J
Beryllium	7440-41-7	ug/L	< 2 U
Cadmium	7440-43-9	ug/L	< 2 U
Calcium	7440-70-2	ug/L	42400 J
Chromium	7440-47-3	ug/L	< 10 U
Cobalt	7440-48-4	ug/L	2.1 J
Copper	7440-50-8	ug/L	< 9 U
Iron	7439-89-6	ug/L	3300 J
Lead	7439-92-1	ug/L	6.5 J
Magnesium	7439-95-4	ug/L	12600 J
Manganese	7439-96-5	ug/L	1500 J
Mercury	7439-97-6	ug/L	< 0.092 U
Nickel	7440-02-0	ug/L	< 40 U
Potassium	7440-09-7	ug/L	1300 J
Selenium	7782-49-2	ug/L	< 5 U
Silver	7440-22-4	ug/L	< 4 U
Sodium	7440-23-5	ug/L	42600 J
Thallium	7440-28-0	ug/L	< 1 U
Vanadium	7440-62-2	ug/L	2.3 J
Zinc	7440-66-6	ug/L	210 J
Radiological			
Americium-241	86954-36-1	pCi/L	
Cesium-137	10045-97-3	pCi/L	
Cobalt-60	10198-40-0	pCi/L	
Gross alpha	12587-46-1	pCi/L	
Gross beta	12587-47-2	pCi/L	
Radium-226	13982-63-3	pCi/L	
Total Uranium	7440-61-1 U	ug/L	
Uranium-234	13966-29-5	pCi/L	
Uranium-235	15117-96-1	pCi/L	
Uranium-238	7440-61-1 U-238	pCi/L	
SVOC			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	
Acenaphthene	83-32-9	ug/L	< 10 U
Acenaphthylene	208-96-8	ug/L	< 10 U
Anthracene	120-12-7	ug/L	< 10 U
Benz(a)anthracene	56-55-3	ug/L	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 10 UJ
Benzo(g,h,i)perylene	191-24-2	ug/L	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 10 U
Chrysene	218-01-9	ug/L	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 10 UJ
Fluoranthene	206-44-0	ug/L	< 10 U
Fluorene	86-73-7	ug/L	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 10 UJ
Naphthalene	91-20-3	ug/L	< 10 U
Phenanthrene	85-01-8	ug/L	< 10 U
Pyrene	129-00-0	ug/L	< 10 U
VOC			
1,1,1-Trichloroethane	71-55-6	ug/L	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	
1,1,2-Trichloroethane	79-00-5	ug/L	
1,1-Dichloroethane	75-34-3	ug/L	
1,1-Dichloroethene	75-35-4	ug/L	

		Site Name	188
		Location ID	L-188-SW-002
		Sample Date	4/27/2001
		Depth Interval	
		Sample ID	188SW-2(20010427)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
1,2-Dichloroethane	107-06-2	ug/L	
1,2-Dichloropropane	78-87-5	ug/L	
2-Butanone	78-93-3	ug/L	
2-Hexanone	591-78-6	ug/L	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	
VOC (continued)			
Acetone	67-64-1	ug/L	
Acetonitrile	75-05-8	ug/L	
Benzene	71-43-2	ug/L	
Bromodichloromethane	75-27-4	ug/L	
Bromoform	75-25-2	ug/L	
Bromomethane	74-83-9	ug/L	
Carbon disulfide	75-15-0	ug/L	
Carbon tetrachloride	56-23-5	ug/L	
Chlorobenzene	108-90-7	ug/L	
Chloroethane	75-00-3	ug/L	
Chloroform	67-66-3	ug/L	
Chloromethane	74-87-3	ug/L	
cis-1,2-Dichloroethene	156-59-2	ug/L	
cis-1,3-Dichloropropene	10061-01-5	ug/L	
Dibromochloromethane	124-48-1	ug/L	
Dichlorodifluoromethane	75-71-8	ug/L	
Ethyl benzene	100-41-4	ug/L	
Methylene chloride	75-09-2	ug/L	
Styrene	100-42-5	ug/L	
Tetrachloroethene	127-18-4	ug/L	
Toluene	108-88-3	ug/L	
trans-1,2-Dichloroethene	156-60-5	ug/L	
trans-1,3-Dichloropropene	10061-02-6	ug/L	
Trichloroethene	79-01-6	ug/L	
Trichlorofluoromethane	75-69-4	ug/L	
Vinyl chloride	75-01-4	ug/L	
Xylenes	1330-20-7	ug/L	

Chemical Name	CAS No	Unit	Sample Matrix / ValueNo	Site Name	1	1	1	1	1	1	1	1	1
				Location ID	BKG-SB-18B	J-1-EX1-B-1	J-1-EX1-SWN-1	J-1-EX1-SWS-1	J-1-MW-001	J-1-MW-001	J-1-MW-002	J-1-MW-002	J-1-MW-003
				Sample Date	12/14/1999	9/4/2003	9/4/2003	9/4/2003	4/3/1996	4/3/1996	4/15/1996	4/15/1996	4/4/1996
				Depth Interval	2 - 3	6 - 6	5 - 5	5 - 5	0 - 2	4 - 6	0 - 2	5 - 7	0 - 2
				Sample ID	BKGSB-18B(2-3)	1EX1-B-1(6-6)	1EX1-SWN-1(5-5)	1EX1-SWS-1(5-5)	1MW-1A(0-2)	1MW-1B(4-6)	1MW-2A(0-2)	1MW-2B(5-7)	1MW-3A(0-2)
				Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives													
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	(1)						< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Hydrazine	302-01-2	mg/kg	(1)						< 0.055 U	< 0.055 U	< 0.05 U	< 0.05 U	< 0.055 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)						< 0.05 U	< 0.05 U	< 0.055 U	< 0.055 U	< 0.05 U
Nitrobenzene	98-95-3	mg/kg	(1)			< 0.39 U	< 0.37 U	< 0.37 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	(1)						< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	(1)						< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)						< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	(1)						< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	(1)						< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	(1)						< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)						< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U
Tetryl	479-45-8	mg/kg	(1)						< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)						< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Explosives / SVOC													
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)			< 0.39 U	< 0.37 U	< 0.37 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)			< 0.39 U	< 0.37 U	< 0.37 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Herbicide													
2,4,5-T	93-76-5	mg/kg	(1)			< 0.024 U	< 0.022 U	< 0.023 U					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)			< 0.024 U	< 0.022 U	< 0.023 U					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)			< 0.095 U	< 0.09 U	< 0.091 U					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)			< 0.095 U	< 0.09 U	< 0.091 U					
Metals													
Aluminum	7429-90-5	mg/kg	(1)		6620	8880	10400	8290	9080	8070	10400	9610	8230
Antimony	7440-36-0	mg/kg	(1)		< 1.28 UJ	0.61 J	0.42 J	0.42 J	0.96	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)		2.19	2.8	4.3	3.9	2.79	3.14	2.39	2.07	1.88
Barium	7440-39-3	mg/kg	(1)		18.7 J	36	33.1	32.6	44.1	27.7	41.8	50.2	35.7
Beryllium	7440-41-7	mg/kg	(1)		< 0.639 U	0.52 J	0.58	0.63	< 0.5 U	< 0.5 U	< 0.5 U	0.85	< 0.5 U
Boron	7440-42-8	mg/kg	(1)		< 25.6 U				< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	48.5
Cadmium	7440-43-9	mg/kg	(1)		< 0.256 U	0.72	0.11 J	0.18 J	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)		785	1260	673	685	2000	397	913	1520	273
Chromium	7440-47-3	mg/kg	(1)		22	17.7	11.2	10.8	15.9	13.3	21.1	17	12.8
Cobalt	7440-48-4	mg/kg	(1)		2.65 J	6.9	8.4	6.8	8.6	6.92	8.8	9.36	7.49
Copper	7440-50-8	mg/kg	(1)		5.44	22.3	16.5	16.4	47	15.7	16	20.2	10.8
Iron	7439-89-6	mg/kg	(1)		20900	17100	16700	15500	16700	14900	19900	22500	14900
Lead	7439-92-1	mg/kg	(1)		4.16	7.5	5.5	4.4	14.1	5.86	23.6	5.24	27.5
Magnesium	7439-95-4	mg/kg	(1)		1360	2470	2100	1810	2880	1970	2430	2890	1520
Manganese	7439-96-5	mg/kg	(1)		22.5	173	367	150	260	226	243	268	171
Mercury	7439-97-6	mg/kg	(1)		0.95 J	0.02 J	0.04 J	0.02 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)		4.45 J	15.5	11.1	9.7	12.4	11.6	12.6	12.4	8.98
Potassium	7440-09-7	mg/kg	(1)		646	873	491 J	690	1120	398	938	1510	332
Selenium	7782-49-2	mg/kg	(1)		< 0.639 U	< 0.59 U	< 0.56 U	< 0.57 U	0.85	0.68	1.2	1.8	0.69
Silver	7440-22-4	mg/kg	(1)		< 0.639 U	< 0.59 U	< 0.56 U	< 0.57 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)		< 639 U	< 592 U	< 562 U	< 568 U	300	300	356	395	297
Strontium	7440-24-6	mg/kg	(1)		4.61 J				7.34	< 2.5 U	7.16	7.75	< 2.5 U
Thallium	7440-28-0	mg/kg	(1)		< 1.28 U	< 1.2 U	< 1.1 U	< 1.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)		626				364	394	694	1030	481

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	BKG-SB-18B	J-1-EX1-B-1	J-1-EX1-SWN-1	J-1-EX1-SWS-1	J-1-MW-001	J-1-MW-001	J-1-MW-002	J-1-MW-002	J-1-MW-003
			Sample Date	12/14/1999	9/4/2003	9/4/2003	9/4/2003	4/3/1996	4/3/1996	4/15/1996	4/15/1996	4/4/1996
			Depth Interval	2 - 3	6 - 6	5 - 5	5 - 5	0 - 2	4 - 6	0 - 2	5 - 7	0 - 2
			Sample ID	BKGSB-18B(2-3)	1EX1-B-1(6-6)	1EX1-SWN-1(5-5)	1EX1-SWS-1(5-5)	1MW-1A(0-2)	1MW-1B(4-6)	1MW-2A(0-2)	1MW-2B(5-7)	1MW-3A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Vanadium	7440-62-2	mg/kg	(1)	41.5 J	20.2	20.4	21.1	26.8	21.9	40.5	41.9	28.6
Zinc	7440-66-6	mg/kg	(1)	< 2.55 R	51.4	24.9	28.8	35.9	20.6	30.3	24.1	25
Zirconium	7440-67-7	mg/kg	(1)	8.61 J				< 2.5 U	5.7	4.46	14.4	3.64
PCBs												
Aroclor 1016	12674-11-2	mg/kg	(1)									
Aroclor 1221	11104-28-2	mg/kg	(1)									
Aroclor 1232	11141-16-5	mg/kg	(1)									
Aroclor 1242	53469-21-9	mg/kg	(1)									
Aroclor 1248	12672-29-6	mg/kg	(1)									
Aroclor 1254	11097-69-1	mg/kg	(1)									
Aroclor 1260	11096-82-5	mg/kg	(1)									
Pesticides												
4,4'-DDD	72-54-8	mg/kg	(1)		0.32 JD	< 0.19 U	< 0.19 U					
4,4'-DDE	72-55-9	mg/kg	(1)		0.46 D	0.21	0.68					
4,4'-DDT	50-29-3	mg/kg	(1)		0.01 D	0.3	0.03					
Aldrin	309-00-2	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
alpha-BHC	319-84-6	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
alpha-Chlordane	5103-71-9	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
beta-BHC	319-85-7	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Dalapon	75-99-0	mg/kg	(1)		< 0.047 U	< 0.045 U	< 0.045 U					
delta-BHC	319-86-8	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Dicamba	1918-00-9	mg/kg	(1)		< 0.047 U	< 0.045 U	< 0.045 U					
Dichloroprop	120-36-5	mg/kg	(1)		< 0.095 U	< 0.09 U	< 0.091 U					
Dieldrin	60-57-1	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Endosulfan I	959-98-8	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Endosulfan II	33213-65-9	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Endosulfan sulfate	1031-07-8	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Endrin	72-20-8	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Endrin ketone	53494-70-5	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
gamma-Chlordane	5103-74-2	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Heptachlor	76-44-8	mg/kg	(1)		< 0.4 UJD	< 0.19 UJ	< 0.19 UJ					
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.4 UD	< 0.19 U	< 0.19 U					
Methoxychlor	72-43-5	mg/kg	(1)		< 0.78 UD	< 0.37 U	< 0.37 U					
Mirex	2385-85-5	mg/kg	(1)					< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)		< 0.16 UD	< 0.075 U	< 0.076 U					
Radiological												
Americium-241	86954-36-1	pCi/g	(1)	< 0.062 U								
Cesium-137	10045-97-3	pCi/g	(1)	< 0.038 U								
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.046 U								
Gross Alpha	12587-46-1	pCi/g	(1)	9.5 J								
Gross Beta	12587-47-2	pCi/g	(1)	20.2								
Radium-226	13982-63-3	pCi/g	(1)	0.67 J								
Radium-228	15262-20-1	pCi/g	(1)	1.06								
Total Uranium	7440-61-1 U	mg/kg	(1)	2.48								
Uranium-234	13966-29-5	pCi/g	(1)	0.75 J								
Uranium-235	15117-96-1	pCi/g	(1)	< 0.1 U								
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.74 J								
SVOC												

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	BKG-SB-18B	J-1-EX1-B-1	J-1-EX1-SWN-1	J-1-EX1-SWS-1	J-1-MW-001	J-1-MW-001	J-1-MW-002	J-1-MW-002	J-1-MW-003
			Sample Date	12/14/1999	9/4/2003	9/4/2003	9/4/2003	4/3/1996	4/3/1996	4/15/1996	4/15/1996	4/4/1996
			Depth Interval	2 - 3	6 - 6	5 - 5	5 - 5	0 - 2	4 - 6	0 - 2	5 - 7	0 - 2
			Sample ID	BKGSB-18B(2-3)	1EX1-B-1(6-6)	1EX1-SWN-1(5-5)	1EX1-SWS-1(5-5)	1MW-1A(0-2)	1MW-1B(4-6)	1MW-2A(0-2)	1MW-2B(5-7)	1MW-3A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.9 UJ	< 1.8 UJ	< 1.8 UJ	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)					< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Dinoseb	88-85-7	mg/kg	(1)		< 0.014 U	< 0.013 U	< 0.014 U					

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	BKG-SB-18B	J-1-EX1-B-1	J-1-EX1-SWN-1	J-1-EX1-SWS-1	J-1-MW-001	J-1-MW-001	J-1-MW-002	J-1-MW-002	J-1-MW-003
			Sample Date	12/14/1999	9/4/2003	9/4/2003	9/4/2003	4/3/1996	4/3/1996	4/15/1996	4/15/1996	4/4/1996
			Depth Interval	2 - 3	6 - 6	5 - 5	5 - 5	0 - 2	4 - 6	0 - 2	5 - 7	0 - 2
			Sample ID	BKGSB-18B(2-3)	1EX1-B-1(6-6)	1EX1-SWN-1(5-5)	1EX1-SWS-1(5-5)	1MW-1A(0-2)	1MW-1B(4-6)	1MW-2A(0-2)	1MW-2B(5-7)	1MW-3A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Diphenylamine	122-39-4	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 1.9 U	< 1.8 U	< 1.8 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)		< 0.39 U	< 0.37 U	< 0.37 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
TPH												
Diesel Fuel	68334-30-5	mg/kg	(1)									
Gasoline range organics	GRO	mg/kg	(1)									
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)									
TRPH	TRPH	mg/kg	(1)									
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)					< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)					< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)					< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)					< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)					< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)					< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)					< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)					< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)					< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)					< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)					< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)					< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)					< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)					< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)					< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)					< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)					< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)					< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)					< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)					< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)					< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)					< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	BKG-SB-18B	J-1-EX1-B-1	J-1-EX1-SWN-1	J-1-EX1-SWS-1	J-1-MW-001	J-1-MW-001	J-1-MW-002	J-1-MW-002	J-1-MW-003
			Sample Date	12/14/1999	9/4/2003	9/4/2003	9/4/2003	4/3/1996	4/3/1996	4/15/1996	4/15/1996	4/4/1996
			Depth Interval	2 - 3	6 - 6	5 - 5	5 - 5	0 - 2	4 - 6	0 - 2	5 - 7	0 - 2
			Sample ID	BKGSB-18B(2-3)	1EX1-B-1(6-6)	1EX1-SWN-1(5-5)	1EX1-SWS-1(5-5)	1MW-1A(0-2)	1MW-1B(4-6)	1MW-2A(0-2)	1MW-2B(5-7)	1MW-3A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Ethylene Oxide	75-21-8	mg/kg	(1)					< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)					< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)					< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	(1)					< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)					< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)					< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)					< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)					< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)					< 0.59 U	< 0.59 U	0.88	0.01	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)					< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)					< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)					< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem												
% Solids	%Solid	%	(1)	< 0.1 DNR	84.5	89	88.1					
% Solids	%Solid	%	(2)	78.3								
Ammonia	7664-41-7	mg/kg	(1)	0.28 J				37.7	18.4	122	< 12.5 U	32.8
Chloride	16887-00-6	mg/kg	(1)	2.3 J				< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)					< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	0.76 J				15.9	7.98	6.13	7.92	9.53
Nitrate	14797-55-8	mg/kg	(1)	0.25 J								
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)					< 0.6 U	< 0.6 U	3.22	< 0.6 U	1.1
Nitrite	14797-65-0	mg/kg	(1)	< 6.39 U								
Phosphate	14265-44-2	mg/kg	(1)					670	360	230	< 7.49 U	450
Phosphorus	7723-14-0	mg/kg	(1)	20 J								
Sulfate	14808-79-8	mg/kg	(1)	17.6 J				< 90.4 U	137	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)	26 J				< 6 U	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Unit	Sample Matrix ValueNo	Site Name	1	1	1	1	1	1	1	1	1	1
				Location ID	J-1-MW-003	J-1-MW-004	J-1-MW-004	J-1-SS-001A	J-1-SS-002A	J-1-SS-003A	J-1-SS-004A	J-1-SS-005A	J-1-SS-006A	J-1-SS-007A
				Sample Date	4/4/1996	7/26/1996	7/26/1996	4/17/1996	4/17/1996	4/18/1996	4/18/1996	4/2/1996	4/3/1996	5/7/1996
				Depth Interval	5 - 7	0 - 2	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
				Sample ID	1MW-3B(5-7)	1MW-4A(0-2)	1MW-4B(4-6)	1SS-1A(0-1)	1SS-2A(0-1)	1SS-3A(0-1)	1SS-4A(0-1)	1SS-5A(0-1)	1SS-6A(0-1)	1SS-7A(0-1)
				Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives														
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U			< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U			< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U			< 0.456 U
HMX	2691-41-0	mg/kg	(1)		< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U			< 0.666 U
Hydrazine	302-01-2	mg/kg	(1)		< 0.055 U	< 0.0504 U	< 0.0504 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U			< 0.0516 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)		< 0.05 U	< 0.0504 U	< 0.0504 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U			< 0.0492 U
Nitrobenzene	98-95-3	mg/kg	(1)		< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U			< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	(1)		< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U			< 10.4 U
Nitroglycerin	55-63-0	mg/kg	(1)		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U			< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)		< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U			< 0.475 U
PETN	78-11-5	mg/kg	(1)		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U			< 4 U
Picric Acid	88-89-1	mg/kg	(1)		< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U			< 0.108 U
RDX	121-82-4	mg/kg	(1)		< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U			< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)		< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R			< 1.19 R
Tetryl	479-45-8	mg/kg	(1)		< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U			< 0.731 U
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)		< 0.05 U	< 0.0514 U	< 0.0514 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U			< 0.055 U
Explosives / SVOC														
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U			< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U			< 0.524 U
Herbicide														
2,4,5-T	93-76-5	mg/kg	(1)											
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)											
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)											
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)											
Metals														
Aluminum	7429-90-5	mg/kg	(1)		7230	12400	10100	7210	12700	7450	10900			10300
Antimony	7440-36-0	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U			< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)		1.43	3.58	5.53	1.51	4.16	1.64	2.66			3.2
Barium	7440-39-3	mg/kg	(1)		29.4	62.7	36.6	45	52.4	26	34.6			42.8
Beryllium	7440-41-7	mg/kg	(1)		< 0.5 U	1.13	1.07	< 0.5 U	0.73	< 0.5 U	0.7			0.89
Boron	7440-42-8	mg/kg	(1)		< 5.91 U	< 5.91 U	8.73	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U			< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)		< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U			< 0.7 U
Calcium	7440-70-2	mg/kg	(1)		606	730	778	1330	1030	1060	1040			663
Chromium	7440-47-3	mg/kg	(1)		14.6	17.4	16.5	15.5	22	19.3	17.7			16.8
Cobalt	7440-48-4	mg/kg	(1)		7.6	7.71	10.4	9.89	8.95	8.1	9.91			9.01
Copper	7440-50-8	mg/kg	(1)		14	14.3	21.6	16	13.1	15.8	16.3			19.9
Iron	7439-89-6	mg/kg	(1)		14100	18300	19800	17700	23200	20800	19700			20000
Lead	7439-92-1	mg/kg	(1)		2.07	13.4	9.47	3.8	10.7	3.11	5.42			13.7
Magnesium	7439-95-4	mg/kg	(1)		2260	1980	2930	2330	2400	3000	2840			2280
Manganese	7439-96-5	mg/kg	(1)		196	268	436	199	247	200	213			318
Mercury	7439-97-6	mg/kg	(1)		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U			< 0.05 U
Nickel	7440-02-0	mg/kg	(1)		8.87	12.2	14.4	11.7	13.5	11.1	13.4			12.6
Potassium	7440-09-7	mg/kg	(1)		1020	339	568	704	616	1160	882			742
Selenium	7782-49-2	mg/kg	(1)		0.68	1.48	0.86	0.95	1.47	0.83	1.14			1.51
Silver	7440-22-4	mg/kg	(1)		< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U			< 0.589 U
Sodium	7440-23-5	mg/kg	(1)		339	469	426	400	368	337	419			264
Strontium	7440-24-6	mg/kg	(1)		< 2.5 U	8.85	7.67	7.27	13.1	4.37	8.95			9.68
Thallium	7440-28-0	mg/kg	(1)		< 0.1 U	0.15	< 0.1 U	< 0.1 U	0.14	< 0.1 U	< 0.1 U			0.14
Titanium	7440-32-6	mg/kg	(1)		571	593	473	588	870	544	706			954

			Site Name	1	1	1	1	1	1	1	1	1	1
			Location ID	J-1-MW-003	J-1-MW-004	J-1-MW-004	J-1-SS-001A	J-1-SS-002A	J-1-SS-003A	J-1-SS-004A	J-1-SS-005A	J-1-SS-006A	J-1-SS-007A
			Sample Date	4/4/1996	7/26/1996	7/26/1996	4/17/1996	4/17/1996	4/18/1996	4/18/1996	4/2/1996	4/3/1996	5/7/1996
			Depth Interval	5 - 7	0 - 2	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	1MW-3B(5-7)	1MW-4A(0-2)	1MW-4B(4-6)	1SS-1A(0-1)	1SS-2A(0-1)	1SS-3A(0-1)	1SS-4A(0-1)	1SS-5A(0-1)	1SS-6A(0-1)	1SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**										
Vanadium	7440-62-2	mg/kg	(1)	26.2	37.5	32.2	41	54.6	43.5	33			36.5
Zinc	7440-66-6	mg/kg	(1)	16.2	31.4	35	32.4	33.5	18.7	25.1			30.1
Zirconium	7440-67-7	mg/kg	(1)	3.75	5.48	6.83	8.46	10.9	4.54	6.3			7.27
PCBs													
Aroclor 1016	12674-11-2	mg/kg	(1)								< 0.0666 U	< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	(1)								< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	(1)								< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	(1)								< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	(1)								< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	(1)								< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg	(1)								< 0.0804 U	< 0.0804 UJ	< 0.0804 UJ
Pesticides													
4,4'-DDD	72-54-8	mg/kg	(1)										
4,4'-DDE	72-55-9	mg/kg	(1)										
4,4'-DDT	50-29-3	mg/kg	(1)										
Aldrin	309-00-2	mg/kg	(1)										
alpha-BHC	319-84-6	mg/kg	(1)										
alpha-Chlordane	5103-71-9	mg/kg	(1)										
beta-BHC	319-85-7	mg/kg	(1)										
Dalapon	75-99-0	mg/kg	(1)										
delta-BHC	319-86-8	mg/kg	(1)										
Dicamba	1918-00-9	mg/kg	(1)										
Dichloroprop	120-36-5	mg/kg	(1)										
Dieldrin	60-57-1	mg/kg	(1)										
Endosulfan I	959-98-8	mg/kg	(1)										
Endosulfan II	33213-65-9	mg/kg	(1)										
Endosulfan sulfate	1031-07-8	mg/kg	(1)										
Endrin	72-20-8	mg/kg	(1)										
Endrin aldehyde	7421-93-4	mg/kg	(1)										
Endrin ketone	53494-70-5	mg/kg	(1)										
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)										
gamma-Chlordane	5103-74-2	mg/kg	(1)										
Heptachlor	76-44-8	mg/kg	(1)										
Heptachlor epoxide	1024-57-3	mg/kg	(1)										
Methoxychlor	72-43-5	mg/kg	(1)										
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)										
Radiological													
Americium-241	86954-36-1	pCi/g	(1)										
Cesium-137	10045-97-3	pCi/g	(1)										
Cobalt-60	10198-40-0	pCi/g	(1)										
Gross Alpha	12587-46-1	pCi/g	(1)										
Gross Beta	12587-47-2	pCi/g	(1)										
Radium-226	13982-63-3	pCi/g	(1)										
Radium-228	15262-20-1	pCi/g	(1)										
Total Uranium	7440-61-1 U	mg/kg	(1)										
Uranium-234	13966-29-5	pCi/g	(1)										
Uranium-235	15117-96-1	pCi/g	(1)										
Uranium-238	7440-61-1 U-238	pCi/g	(1)										
SVOC													

			Site Name	1	1	1	1	1	1	1	1	1	1
			Location ID	J-1-MW-003	J-1-MW-004	J-1-MW-004	J-1-SS-001A	J-1-SS-002A	J-1-SS-003A	J-1-SS-004A	J-1-SS-005A	J-1-SS-006A	J-1-SS-007A
			Sample Date	4/4/1996	7/26/1996	7/26/1996	4/17/1996	4/17/1996	4/18/1996	4/18/1996	4/2/1996	4/3/1996	5/7/1996
			Depth Interval	5 - 7	0 - 2	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	1MW-3B(5-7)	1MW-4A(0-2)	1MW-4B(4-6)	1SS-1A(0-1)	1SS-2A(0-1)	1SS-3A(0-1)	1SS-4A(0-1)	1SS-5A(0-1)	1SS-6A(0-1)	1SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U			< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U			< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U			< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U			< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U			< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U			< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U			< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U			< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U			< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U			< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U			< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U			< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U			< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U			< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U			< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U			< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U			< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U			< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U			< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U			< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#			< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U			< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U			< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U			< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U			< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U			< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U			< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U			< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U			< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U			< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U			< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U			< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U			< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U			< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U			< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U			< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U			< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U			< 0.19 U
Dinoseb	88-85-7	mg/kg	(1)										

			Site Name	1	1	1	1	1	1	1	1	1	1
			Location ID	J-1-MW-003	J-1-MW-004	J-1-MW-004	J-1-SS-001A	J-1-SS-002A	J-1-SS-003A	J-1-SS-004A	J-1-SS-005A	J-1-SS-006A	J-1-SS-007A
			Sample Date	4/4/1996	7/26/1996	7/26/1996	4/17/1996	4/17/1996	4/18/1996	4/18/1996	4/2/1996	4/3/1996	5/7/1996
			Depth Interval	5 - 7	0 - 2	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	1MW-3B(5-7)	1MW-4A(0-2)	1MW-4B(4-6)	1SS-1A(0-1)	1SS-2A(0-1)	1SS-3A(0-1)	1SS-4A(0-1)	1SS-5A(0-1)	1SS-6A(0-1)	1SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**										
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U			< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U			< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U			< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U			< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U			< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U			< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U			< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U			< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U			< 0.033 U
TPH													
Diesel Fuel	68334-30-5	mg/kg	(1)		< 8.24 U	< 8.24 U							
Gasoline range organics	GRO	mg/kg	(1)		< 8.3 U	< 8.3 U							
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)		< 8 U	< 8 U							
TRPH	TRPH	mg/kg	(1)		< 27.6 U	< 27.8 U							
VOC													
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U			< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U			< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U			< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U			< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U			< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U			< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U			< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U			< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U			< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U			< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U			< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U			< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U			< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U			< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U			< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U			< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U			< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U			< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U			< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U			< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U			< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U

			Site Name	1	1	1	1	1	1	1	1	1	1
			Location ID	J-1-MW-003	J-1-MW-004	J-1-MW-004	J-1-SS-001A	J-1-SS-002A	J-1-SS-003A	J-1-SS-004A	J-1-SS-005A	J-1-SS-006A	J-1-SS-007A
			Sample Date	4/4/1996	7/26/1996	7/26/1996	4/17/1996	4/17/1996	4/18/1996	4/18/1996	4/2/1996	4/3/1996	5/7/1996
			Depth Interval	5 - 7	0 - 2	4 - 6	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	1MW-3B(5-7)	1MW-4A(0-2)	1MW-4B(4-6)	1SS-1A(0-1)	1SS-2A(0-1)	1SS-3A(0-1)	1SS-4A(0-1)	1SS-5A(0-1)	1SS-6A(0-1)	1SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**										
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U			< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U			< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U			< 0.012 U
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U			< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U			< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U			< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	0.23	0.32	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U			< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U			< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U			< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U	< 0.59 U	0.01	0.62	< 0.59 U	< 0.59 U			< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U			< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U			< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
WetChem													
% Solids	%Solid	%	(1)										
% Solids	%Solid	%	(2)										
Ammonia	7664-41-7	mg/kg	(1)	< 12.5 U	49.7	33.2	26.9	98.6	25.5	32.4			61
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U			< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U			< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	5.69	< 3.62 U	5.22	< 3.62 U	6.75	6.41	9.85			14.3
Nitrate	14797-55-8	mg/kg	(1)										
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	0.84	< 0.6 U	< 0.6 U	1.45	0.76	< 0.6 U	< 0.6 U			1.07
Nitrite	14797-65-0	mg/kg	(1)										
Phosphate	14265-44-2	mg/kg	(1)	390	400	220	19.9	11.2	20.5	16.5			260
Phosphorus	7723-14-0	mg/kg	(1)										
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U			< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U			< 6 U

Chemical Name	CAS No	Unit	Sample Matrix ValueNo	Site Name	Location ID	Sample Date	Depth Interval	Sample ID							
				1	J-1-SS-010A	4/4/2005	0 - 1	1SS-10(0-1)	1	J-1-SS-8A/B	2/17/1998	0 - 1	1SS-8A(0-1)	1	J-1-SS-8A/B	2/17/1998	2 - 4	1SS-8B(2-4)	1	J-1-SS-9A/B	2/17/1998	0 - 1	1SS-9A(0-1)	1	J-1-SS-9A/B	2/17/1998	2 - 4	1SS-9B(2-4)	1	J-1-TP-001	11/19/1996	0 - .5	1TP-1ADUP(0-0.5)	1	J-1-TP-001	11/19/1996	0 - .5	1TP-1A(0-0.5)	1	J-1-TP-001	11/19/1996	2 - 2.5	1TP-1BDUP(2-2.5)	1	J-1-TP-001	11/19/1996	2 - 2.5	1TP-1B(2-2.5)
								SO					SO					SO					SO					SO				SO				SO				SO				SO
Explosives																																														
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)																																									
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)																																									
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)																																									
HMX	2691-41-0	mg/kg	(1)																																									
Hydrazine	302-01-2	mg/kg	(1)																																									
Monomethyl hydrazine	60-34-4	mg/kg	(1)																																									
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.39 U																																							
Nitrocellulose	9004-70-0	mg/kg	(1)																																									
Nitroglycerin	55-63-0	mg/kg	(1)																																									
Nitroguanidine	556-88-7	mg/kg	(1)																																									
PETN	78-11-5	mg/kg	(1)																																									
Picric Acid	88-89-1	mg/kg	(1)																																									
RDX	121-82-4	mg/kg	(1)																																									
Tetrazene	14097-21-3	mg/kg	(1)																																									
Tetryl	479-45-8	mg/kg	(1)																																									
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)																																									
Explosives / SVOC																																														
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.39 U																																								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.39 U																																								
Herbicide																																														
2,4,5-T	93-76-5	mg/kg	(1)		< 0.023 U																																								
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)		< 0.023 U																																								
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)		< 0.094 U																																								
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)		< 0.094 U																																								
Metals																																														
Aluminum	7429-90-5	mg/kg	(1)		7430																																								
Antimony	7440-36-0	mg/kg	(1)		0.69 J																																								
Arsenic	7440-38-2	mg/kg	(1)		3.3																																								
Barium	7440-39-3	mg/kg	(1)		32.7																																								
Beryllium	7440-41-7	mg/kg	(1)		< 0.59 U																																								
Boron	7440-42-8	mg/kg	(1)																																									
Cadmium	7440-43-9	mg/kg	(1)		0.83																																								
Calcium	7440-70-2	mg/kg	(1)		1720																																								
Chromium	7440-47-3	mg/kg	(1)		28.9																																								
Cobalt	7440-48-4	mg/kg	(1)		6.4																																								
Copper	7440-50-8	mg/kg	(1)		22.5																																								
Iron	7439-89-6	mg/kg	(1)		14800																																								
Lead	7439-92-1	mg/kg	(1)		16.9				159				50.1				73.4				13.5				15.1				15				9.31				9.09						
Magnesium	7439-95-4	mg/kg	(1)		2320																																								
Manganese	7439-96-5	mg/kg	(1)		139																																								
Mercury	7439-97-6	mg/kg	(1)		0.03 J																																								
Nickel	7440-02-0	mg/kg	(1)		12.1																																								
Potassium	7440-09-7	mg/kg	(1)		1330																																								
Selenium	7782-49-2	mg/kg	(1)		0.82																																								
Silver	7440-22-4	mg/kg	(1)		< 0.59 U																																								
Sodium	7440-23-5	mg/kg	(1)		< 587 U																																								
Strontium	7440-24-6	mg/kg	(1)																																									
Thallium	7440-28-0	mg/kg	(1)		0.9 J																																								
Titanium	7440-32-6	mg/kg	(1)																																									

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	J-1-SS-010A	J-1-SS-8A/B	J-1-SS-8A/B	J-1-SS-9A/B	J-1-SS-9A/B	J-1-TP-001	J-1-TP-001	J-1-TP-001	J-1-TP-001
			Sample Date	4/4/2005	2/17/1998	2/17/1998	2/17/1998	2/17/1998	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	0 - 1	2 - 4	0 - 1	2 - 4	0 - .5	0 - .5	2 - 2.5	2 - 2.5
			Sample ID	1SS-10(0-1)	1SS-8A(0-1)	1SS-8B(2-4)	1SS-9A(0-1)	1SS-9B(2-4)	1TP-1ADUP(0-0.5)	1TP-1A(0-0.5)	1TP-1BDUP(2-2.5)	1TP-1B(2-2.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Vanadium	7440-62-2	mg/kg	(1)	23.2					22.8	29.8	50.7	47.2
Zinc	7440-66-6	mg/kg	(1)	119					34.3	36.4	23.2	27.8
Zirconium	7440-67-7	mg/kg	(1)						8.39	6.81	14.3	16.3
PCBs												
Aroclor 1016	12674-11-2	mg/kg	(1)									
Aroclor 1221	11104-28-2	mg/kg	(1)									
Aroclor 1232	11141-16-5	mg/kg	(1)									
Aroclor 1242	53469-21-9	mg/kg	(1)									
Aroclor 1248	12672-29-6	mg/kg	(1)									
Aroclor 1254	11097-69-1	mg/kg	(1)									
Aroclor 1260	11096-82-5	mg/kg	(1)									
Pesticides												
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.2 U								
4,4'-DDE	72-55-9	mg/kg	(1)	0.21								
4,4'-DDT	50-29-3	mg/kg	(1)	0.26								
Aldrin	309-00-2	mg/kg	(1)	< 0.2 U								
alpha-BHC	319-84-6	mg/kg	(1)	< 0.2 U								
alpha-Chlordane	5103-71-9	mg/kg	(1)	< 0.2 U								
beta-BHC	319-85-7	mg/kg	(1)	< 0.2 U								
Dalapon	75-99-0	mg/kg	(1)	< 0.047 U								
delta-BHC	319-86-8	mg/kg	(1)	< 0.2 U								
Dicamba	1918-00-9	mg/kg	(1)	< 0.047 U								
Dichloroprop	120-36-5	mg/kg	(1)	< 0.094 U								
Dieldrin	60-57-1	mg/kg	(1)	< 0.2 U								
Endosulfan I	959-98-8	mg/kg	(1)	< 0.2 U								
Endosulfan II	33213-65-9	mg/kg	(1)	< 0.2 U								
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 0.2 U								
Endrin	72-20-8	mg/kg	(1)	< 0.2 U								
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 0.2 U								
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.2 U								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.2 U								
gamma-Chlordane	5103-74-2	mg/kg	(1)	< 0.2 U								
Heptachlor	76-44-8	mg/kg	(1)	< 0.2 U								
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.2 U								
Methoxychlor	72-43-5	mg/kg	(1)	< 0.39 U								
Mirex	2385-85-5	mg/kg	(1)									
Toxaphene	8001-35-2	mg/kg	(1)	< 0.079 U								
Radiological												
Americium-241	86954-36-1	pCi/g	(1)									
Cesium-137	10045-97-3	pCi/g	(1)									
Cobalt-60	10198-40-0	pCi/g	(1)									
Gross Alpha	12587-46-1	pCi/g	(1)									
Gross Beta	12587-47-2	pCi/g	(1)									
Radium-226	13982-63-3	pCi/g	(1)									
Radium-228	15262-20-1	pCi/g	(1)									
Total Uranium	7440-61-1 U	mg/kg	(1)									
Uranium-234	13966-29-5	pCi/g	(1)									
Uranium-235	15117-96-1	pCi/g	(1)									
Uranium-238	7440-61-1 U-238	pCi/g	(1)									
SVOC												

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	J-1-SS-010A	J-1-SS-8A/B	J-1-SS-8A/B	J-1-SS-9A/B	J-1-SS-9A/B	J-1-TP-001	J-1-TP-001	J-1-TP-001	J-1-TP-001
			Sample Date	4/4/2005	2/17/1998	2/17/1998	2/17/1998	2/17/1998	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	0 - 1	2 - 4	0 - 1	2 - 4	0 - .5	0 - .5	2 - 2.5	2 - 2.5
			Sample ID	1SS-10(0-1)	1SS-8A(0-1)	1SS-8B(2-4)	1SS-9A(0-1)	1SS-9B(2-4)	1TP-1ADUP(0-0.5)	1TP-1A(0-0.5)	1TP-1BDUP(2-2.5)	1TP-1B(2-2.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)									
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.39 U								
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.39 U								
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.39 U								
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.39 U								
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.39 U								
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.39 U								
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.39 U								
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.39 U								
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.9 U								
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.39 U								
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.39 U								
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.39 U								
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.39 U								
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.9 U								
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.39 U								
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.9 U								
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.9 U								
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.9 U								
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.39 U								
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.39 U								
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.39 U								
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.39 U								
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.39 U								
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.9 U								
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.9 U								
Acenaphthene	83-32-9	mg/kg	(1)	< 0.39 U								
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.39 U								
Aniline	62-53-3	mg/kg	(1)	< 0.39 U								
Anthracene	120-12-7	mg/kg	(1)	< 0.39 U								
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.39 U								
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.39 U								
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.03 J								
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.39 U								
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.39 U								
Benzyl alcohol	100-51-6	mg/kg	(1)									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.39 U								
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.39 U								
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.39 U								
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.39 (U)								
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.39 U								
Carbazole	86-74-8	mg/kg	(1)	< 0.39 U								
Chrysene	218-01-9	mg/kg	(1)	0.01 J								
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.39 U								
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.39 U								
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.39 U								
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.39 U								
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.39 U								
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.39 U								
Dinoseb	88-85-7	mg/kg	(1)	< 0.014 U								

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	J-1-SS-010A	J-1-SS-8A/B	J-1-SS-8A/B	J-1-SS-9A/B	J-1-SS-9A/B	J-1-TP-001	J-1-TP-001	J-1-TP-001	J-1-TP-001
			Sample Date	4/4/2005	2/17/1998	2/17/1998	2/17/1998	2/17/1998	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	0 - 1	2 - 4	0 - 1	2 - 4	0 - .5	0 - .5	2 - 2.5	2 - 2.5
			Sample ID	1SS-10(0-1)	1SS-8A(0-1)	1SS-8B(2-4)	1SS-9A(0-1)	1SS-9B(2-4)	1TP-1ADUP(0-0.5)	1TP-1A(0-0.5)	1TP-1BDUP(2-2.5)	1TP-1B(2-2.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Diphenylamine	122-39-4	mg/kg	(1)	< 0.39 U								
Fluoranthene	206-44-0	mg/kg	(1)	< 0.39 U								
Fluorene	86-73-7	mg/kg	(1)	< 0.39 U								
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.39 U								
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.39 U								
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.9 U								
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.39 U								
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.39 U								
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U								
Naphthalene	91-20-3	mg/kg	(1)	< 0.39 U								
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.39 U								
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.39 U								
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.39 U								
Phenanthrene	85-01-8	mg/kg	(1)	< 0.39 U								
Phenol	108-95-2	mg/kg	(1)	< 0.39 U								
Pyrene	129-00-0	mg/kg	(1)	< 0.39 U								
TPH												
Diesel Fuel	68334-30-5	mg/kg	(1)									
Gasoline range organics	GRO	mg/kg	(1)									
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)									
TRPH	TRPH	mg/kg	(1)									
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)									
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)									
1,1-Dichloroethane	75-34-3	mg/kg	(1)									
1,1-Dichloroethene	75-35-4	mg/kg	(1)									
1,2-Dichloroethane	107-06-2	mg/kg	(1)									
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)									
1,2-Dichloropropane	78-87-5	mg/kg	(1)									
2-Butanone	78-93-3	mg/kg	(1)									
2-Hexanone	591-78-6	mg/kg	(1)									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)									
Acetone	67-64-1	mg/kg	(1)									
Acetonitrile	75-05-8	mg/kg	(1)									
Benzene	71-43-2	mg/kg	(1)									
Bromodichloromethane	75-27-4	mg/kg	(1)									
Bromoform	75-25-2	mg/kg	(1)									
Bromomethane	74-83-9	mg/kg	(1)									
Carbon disulfide	75-15-0	mg/kg	(1)									
Carbon tetrachloride	56-23-5	mg/kg	(1)									
Chlorobenzene	108-90-7	mg/kg	(1)									
Chloroethane	75-00-3	mg/kg	(1)									
Chloroform	67-66-3	mg/kg	(1)									
Chloromethane	74-87-3	mg/kg	(1)									
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)									
Dibromochloromethane	124-48-1	mg/kg	(1)									
Dichlorodifluoromethane	75-71-8	mg/kg	(1)									
Ethanol	64-17-5	mg/kg	(1)									
Ethyl benzene	100-41-4	mg/kg	(1)									

			Site Name	1	1	1	1	1	1	1	1	1
			Location ID	J-1-SS-010A	J-1-SS-8A/B	J-1-SS-8A/B	J-1-SS-9A/B	J-1-SS-9A/B	J-1-TP-001	J-1-TP-001	J-1-TP-001	J-1-TP-001
			Sample Date	4/4/2005	2/17/1998	2/17/1998	2/17/1998	2/17/1998	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	0 - 1	2 - 4	0 - 1	2 - 4	0 - .5	0 - .5	2 - 2.5	2 - 2.5
			Sample ID	1SS-10(0-1)	1SS-8A(0-1)	1SS-8B(2-4)	1SS-9A(0-1)	1SS-9B(2-4)	1TP-1ADUP(0-0.5)	1TP-1A(0-0.5)	1TP-1BDUP(2-2.5)	1TP-1B(2-2.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Ethylene Oxide	75-21-8	mg/kg	(1)									
Isopropanol	67-63-0	mg/kg	(1)									
Methylene chloride	75-09-2	mg/kg	(1)									
Styrene	100-42-5	mg/kg	(1)									
tert-Butylalcohol	75-65-0	mg/kg	(1)									
Tetrachloroethene	127-18-4	mg/kg	(1)									
Toluene	108-88-3	mg/kg	(1)									
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)									
Trichloroethene	79-01-6	mg/kg	(1)									
Trichlorofluoromethane	75-69-4	mg/kg	(1)									
Vinyl acetate	108-05-4	mg/kg	(1)									
Vinyl chloride	75-01-4	mg/kg	(1)									
Xylenes	1330-20-7	mg/kg	(1)									
WetChem												
% Solids	%Solid	%	(1)	85.2								
% Solids	%Solid	%	(2)									
Ammonia	7664-41-7	mg/kg	(1)									
Chloride	16887-00-6	mg/kg	(1)									
Cyanide	57-12-5	mg/kg	(1)						< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)									
Nitrate	14797-55-8	mg/kg	(1)									
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)									
Nitrite	14797-65-0	mg/kg	(1)									
Phosphate	14265-44-2	mg/kg	(1)									
Phosphorus	7723-14-0	mg/kg	(1)									
Sulfate	14808-79-8	mg/kg	(1)									
Sulfide	18496-25-8	mg/kg	(1)									

			Site Name	1	1	1	1	1	1
			Location ID	J-1-TP-002	J-1-TP-002	J-1-TP-002	J-1-TP-003	J-1-TP-003	J-1-TP-003
			Sample Date	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	2 - 2.5	3 - 4	0 - .5	2 - 2.5	4 - 5
			Sample ID	1TP-2A(0-1)	1TP-2B(2-2.5)	1TP-2C(3-4)	1TP-3A(0-0.5)	1TP-3B(2-2.5)	1TP-3C(4-5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Hydrazine	302-01-2	mg/kg	(1)						
Monomethyl hydrazine	60-34-4	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
Picric Acid	88-89-1	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetrazene	14097-21-3	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)	10600	13800	9170	13100	14100	5590
Antimony	7440-36-0	mg/kg	(1)	0.43	0.73	0.23	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	6.94	5.11	2.73	3.95	2.61	2.28
Barium	7440-39-3	mg/kg	(1)	228	1480	266	53	65.1	19.2
Beryllium	7440-41-7	mg/kg	(1)	1.04	1.08	0.74	1.09	0.98	0.55
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	7.96	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	2.98	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	1280	2320	1550	751	951	1900
Chromium	7440-47-3	mg/kg	(1)	15.8	19.3	15.7	17.4	18.3	8.47
Cobalt	7440-48-4	mg/kg	(1)	9.74	9.99	9.94	10.2	10.9	7.49
Copper	7440-50-8	mg/kg	(1)	47.9	49	38.1	13.7	17.1	16.6
Iron	7439-89-6	mg/kg	(1)	15900	25400	16100	19200	21400	11000
Lead	7439-92-1	mg/kg	(1)	627	4410	241	12.9	6.63	2.38
Magnesium	7439-95-4	mg/kg	(1)	1690	1970	2230	2300	2480	1710
Manganese	7439-96-5	mg/kg	(1)	939	446	263	311	267	145
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U	0.12	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	12	14.4	63.5	14.2	14.4	8.53
Potassium	7440-09-7	mg/kg	(1)	360	386	673	501	636	473
Selenium	7782-49-2	mg/kg	(1)	0.71	0.49	0.53	0.38	0.39	< 0.25 U
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	296	335	348	333	322	296
Strontium	7440-24-6	mg/kg	(1)	18.1	120	25	7.08	10.4	10.1
Thallium	7440-28-0	mg/kg	(1)	0.14	0.15	< 0.1 U	< 0.1 U	0.14	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	631	763	644	643	837	733

			Site Name	1	1	1	1	1	1
			Location ID	J-1-TP-002	J-1-TP-002	J-1-TP-002	J-1-TP-003	J-1-TP-003	J-1-TP-003
			Sample Date	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	2 - 2.5	3 - 4	0 - .5	2 - 2.5	4 - 5
			Sample ID	1TP-2A(0-1)	1TP-2B(2-2.5)	1TP-2C(3-4)	1TP-3A(0-0.5)	1TP-3B(2-2.5)	1TP-3C(4-5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Vanadium	7440-62-2	mg/kg	(1)	29.9	41.5	35.5	41.4	43.4	19.8
Zinc	7440-66-6	mg/kg	(1)	306	1250	1550	36.3	29	11.3
Zirconium	7440-67-7	mg/kg	(1)	< 2.5 U	6.55	6.33	4	10.6	7.51
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Mirex	2385-85-5	mg/kg	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross Alpha	12587-46-1	pCi/g	(1)						
Gross Beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Radium-228	15262-20-1	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									

			Site Name	1	1	1	1	1	1
			Location ID	J-1-TP-002	J-1-TP-002	J-1-TP-002	J-1-TP-003	J-1-TP-003	J-1-TP-003
			Sample Date	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	2 - 2.5	3 - 4	0 - .5	2 - 2.5	4 - 5
			Sample ID	1TP-2A(0-1)	1TP-2B(2-2.5)	1TP-2C(3-4)	1TP-3A(0-0.5)	1TP-3B(2-2.5)	1TP-3C(4-5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
Benzyl alcohol	100-51-6	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Dinoseb	88-85-7	mg/kg	(1)						

			Site Name	1	1	1	1	1	1
			Location ID	J-1-TP-002	J-1-TP-002	J-1-TP-002	J-1-TP-003	J-1-TP-003	J-1-TP-003
			Sample Date	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	2 - 2.5	3 - 4	0 - .5	2 - 2.5	4 - 5
			Sample ID	1TP-2A(0-1)	1TP-2B(2-2.5)	1TP-2C(3-4)	1TP-3A(0-0.5)	1TP-3B(2-2.5)	1TP-3C(4-5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
TPH									
Diesel Fuel	68334-30-5	mg/kg	(1)						
Gasoline range organics	GRO	mg/kg	(1)						
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)						
TRPH	TRPH	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethanol	64-17-5	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						

			Site Name	1	1	1	1	1	1
			Location ID	J-1-TP-002	J-1-TP-002	J-1-TP-002	J-1-TP-003	J-1-TP-003	J-1-TP-003
			Sample Date	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996
			Depth Interval	0 - 1	2 - 2.5	3 - 4	0 - .5	2 - 2.5	4 - 5
			Sample ID	1TP-2A(0-1)	1TP-2B(2-2.5)	1TP-2C(3-4)	1TP-3A(0-0.5)	1TP-3B(2-2.5)	1TP-3C(4-5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Ethylene Oxide	75-21-8	mg/kg	(1)						
Isopropanol	67-63-0	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
tert-Butylalcohol	75-65-0	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl acetate	108-05-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Solids	%Solid	%	(1)						
% Solids	%Solid	%	(2)						
Ammonia	7664-41-7	mg/kg	(1)						
Chloride	16887-00-6	mg/kg	(1)						
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	1.21	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)						
Nitrate	14797-55-8	mg/kg	(1)						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)						
Nitrite	14797-65-0	mg/kg	(1)						
Phosphate	14265-44-2	mg/kg	(1)						
Phosphorus	7723-14-0	mg/kg	(1)						
Sulfate	14808-79-8	mg/kg	(1)						
Sulfide	18496-25-8	mg/kg	(1)						

			Site Name	200, Building 1090	200, Building 1090	200, Building 1037	200, Building 1037
			Location ID	L-138-MW-5B	L-138-MW-5B	L-161-MW-4A	L-161-MW-4A
			Sample Date	2/6/2002	11/18/2003	2/12/2002	10/15/2003
			Depth Interval	22 - 32	22 - 32	4 - 14	4 - 14
			Sample ID	138MW-5B(20020206)	138MW-5B(20031118)	161MW-4A(20020212)	161MW-4A(20031015)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)				
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)				
Ethene	74-85-1	ug/L	(1)				
Hydrogen	1333-74-0	nM	(1)				1.3
Methane	74-82-8	ug/L	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.4 UD	< 1.2 UD	0.56 J	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.61 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
DNX	80251-29-2	ug/L	(1)				
HMX	2691-41-0	ug/L	(1)	6.7 D	13 D	0.86 J	
MNX	5755-27-1	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)			< 500 UJ	
Nitroglycerin	55-63-0	ug/L	(1)			< 500 U	
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)	12 JD	42 D	< 0.5 U	
Tetryl	479-45-8	ug/L	(1)	< 0.4 UJD	< 1.2 UD	< 0.2 U	
TNX	13980-04-6	ug/L	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.2 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.4 UD	< 1.2 UD	< 0.41 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)				
Antimony	7440-36-0	ug/L	(1)				
Arsenic	7440-38-2	ug/L	(1)				
Barium	7440-39-3	ug/L	(1)				
Beryllium	7440-41-7	ug/L	(1)				
Cadmium	7440-43-9	ug/L	(1)				
Calcium	7440-70-2	ug/L	(1)				
Chromium	7440-47-3	ug/L	(1)				
Cobalt	7440-48-4	ug/L	(1)				
Copper	7440-50-8	ug/L	(1)				
Iron	7439-89-6	ug/L	(1)				
Lead	7439-92-1	ug/L	(1)				
Magnesium	7439-95-4	ug/L	(1)				
Manganese	7439-96-5	ug/L	(1)				
Mercury	7439-97-6	ug/L	(1)				
Nickel	7440-02-0	ug/L	(1)				
Potassium	7440-09-7	ug/L	(1)				
Selenium	7782-49-2	ug/L	(1)				
Silver	7440-22-4	ug/L	(1)				
Sodium	7440-23-5	ug/L	(1)				
Thallium	7440-28-0	ug/L	(1)				
Vanadium	7440-62-2	ug/L	(1)				
Zinc	7440-66-6	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				

			Site Name	200, Building 1090	200, Building 1090	200, Building 1037	200, Building 1037
			Location ID	L-138-MW-5B	L-138-MW-5B	L-161-MW-4A	L-161-MW-4A
			Sample Date	2/6/2002	11/18/2003	2/12/2002	10/15/2003
			Depth Interval	22 - 32	22 - 32	4 - 14	4 - 14
			Sample ID	138MW-5B(20020206)	138MW-5B(20031118)	161MW-4A(20020212)	161MW-4A(20031015)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
2-Butanone	78-93-3	ug/L	(1)	< 10 UJ	< 10 U	< 10 U	
2-Hexanone	591-78-6	ug/L	(1)	< 10 UJ	< 10 U	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U	< 5 U	
Acetone	67-64-1	ug/L	(1)	< 10 (U)J	< 10 UJ	< 10 (U)J	
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 R	
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	0.3 J	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 UJ	< 2 UJ	
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	0.71	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 UJ	< 2 U	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	0.4 J	
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	

			Site Name	200, Building 1090	200, Building 1090	200, Building 1037	200, Building 1037
			Location ID	L-138-MW-5B	L-138-MW-5B	L-161-MW-4A	L-161-MW-4A
			Sample Date	2/6/2002	11/18/2003	2/12/2002	10/15/2003
			Depth Interval	22 - 32	22 - 32	4 - 14	4 - 14
			Sample ID	138MW-5B(20020206)	138MW-5B(20031118)	161MW-4A(20020212)	161MW-4A(20031015)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)	< 50 R		< 50 R	
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 1 (U)	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	1.1	0.52 J	5.6	
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	2.2	
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	
WetChem							
Ammonia	7664-41-7	ug/L	(1)				
Chloride	16887-00-6	ug/L	(1)				
Dissolved Organic Carbon	DOC	ug/L	(1)				
Nitrate	14797-55-8	ug/L	(1)				
Nitrite	14797-65-0	ug/L	(1)				
Sulfate	14808-79-8	ug/L	(1)				
Sulfide	18496-25-8	ug/L	(1)				

			Site Name	200, Building 1037	200, Building 1037	200, Building 1037	200, Building 1037
			Location ID	L-161-MW-4A	L-161-MW-4B	L-161-MW-4B	L-161-MW-4B
			Sample Date	11/6/2003	2/12/2002	2/12/2002	10/15/2003
			Depth Interval	4 - 14	15 - 25	15 - 25	15 - 25
			Sample ID	161MW-4A(20031106)	161MW-4B(20020212)	161MW-4BDUP(20020212)	161MW-4B(20031015)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)	< 1000 U			
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)	< 0.5 U			
Ethene	74-85-1	ug/L	(1)	< 0.5 U			
Hydrogen	1333-74-0	nM	(1)				3.8
Methane	74-82-8	ug/L	(1)	3.2			
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	0.14 J	< 0.4 U	< 0.38 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	0.26	0.46	0.48	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.21 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	0.7	1.4	1.4	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
DNX	80251-29-2	ug/L	(1)	< 0.25 U			
HMX	2691-41-0	ug/L	(1)	0.77	< 0.5 R	< 0.5 R	
MNX	5755-27-1	ug/L	(1)	< 0.25 U			
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)		< 500 UJ	< 500 UJ	
Nitroglycerin	55-63-0	ug/L	(1)		< 500 U	< 500 U	
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)	1.1	1.2	1.2	
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
TNX	13980-04-6	ug/L	(1)	< 0.25 U			
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.2 U	< 0.2 R	< 0.2 R	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	0.27	0.6	0.6	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)				
Antimony	7440-36-0	ug/L	(1)				
Arsenic	7440-38-2	ug/L	(1)				
Barium	7440-39-3	ug/L	(1)				
Beryllium	7440-41-7	ug/L	(1)				
Cadmium	7440-43-9	ug/L	(1)				
Calcium	7440-70-2	ug/L	(1)				
Chromium	7440-47-3	ug/L	(1)				
Cobalt	7440-48-4	ug/L	(1)				
Copper	7440-50-8	ug/L	(1)				
Iron	7439-89-6	ug/L	(1)	11000			
Lead	7439-92-1	ug/L	(1)				
Magnesium	7439-95-4	ug/L	(1)				
Manganese	7439-96-5	ug/L	(1)				
Mercury	7439-97-6	ug/L	(1)				
Nickel	7440-02-0	ug/L	(1)				
Potassium	7440-09-7	ug/L	(1)				
Selenium	7782-49-2	ug/L	(1)				
Silver	7440-22-4	ug/L	(1)				
Sodium	7440-23-5	ug/L	(1)				
Thallium	7440-28-0	ug/L	(1)				
Vanadium	7440-62-2	ug/L	(1)				
Zinc	7440-66-6	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				

			Site Name	200, Building 1037	200, Building 1037	200, Building 1037	200, Building 1037
			Location ID	L-161-MW-4A	L-161-MW-4B	L-161-MW-4B	L-161-MW-4B
			Sample Date	11/6/2003	2/12/2002	2/12/2002	10/15/2003
			Depth Interval	4 - 14	15 - 25	15 - 25	15 - 25
			Sample ID	161MW-4A(20031106)	161MW-4B(20020212)	161MW-4BDUP(20020212)	161MW-4B(20031015)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U	< 5 U	
Acetone	67-64-1	ug/L	(1)	< 10 (U)	< 10 (U)J	< 10 (U)J	
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 R	
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromomethane	74-83-9	ug/L	(1)	< 2 UJ	< 2 UJ	< 2 UJ	
Carbon disulfide	75-15-0	ug/L	(1)	< 1 UJ	< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Chloroform	67-66-3	ug/L	(1)	< 1 U	0.35 J	0.45 J	
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	0.62	0.56	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 1 UJ	< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	

			Site Name	200, Building 1037	200, Building 1037	200, Building 1037	200, Building 1037
			Location ID	L-161-MW-4A	L-161-MW-4B	L-161-MW-4B	L-161-MW-4B
			Sample Date	11/6/2003	2/12/2002	2/12/2002	10/15/2003
			Depth Interval	4 - 14	15 - 25	15 - 25	15 - 25
			Sample ID	161MW-4A(20031106)	161MW-4B(20020212)	161MW-4BDUP(20020212)	161MW-4B(20031015)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R	< 50 R	
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	6	21	21	
Trichlorofluoromethane	75-69-4	ug/L	(1)	2	10	10	
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	
WetChem							
Ammonia	7664-41-7	ug/L	(1)	200			
Chloride	16887-00-6	ug/L	(1)	17500			
Dissolved Organic Carbon	DOC	ug/L	(1)	< 1000 R			
Nitrate	14797-55-8	ug/L	(1)	76 J			
Nitrite	14797-65-0	ug/L	(1)	< 500 U			
Sulfate	14808-79-8	ug/L	(1)	78800 D			
Sulfide	18496-25-8	ug/L	(1)	< 500 U			

			Site Name	200, Building 1037	200, Building 1355	200, Building 1355	200, Building 1355
			Location ID	L-161-MW-4B	L-35-MW-5A	L-35-MW-5A	L-35-MW-5B
			Sample Date	11/6/2003	2/19/2002	2/19/2002	2/19/2002
			Depth Interval	15 - 25	9 - 19	9 - 19	28 - 38
			Sample ID	161MW-4B(20031106)	35MW-5A(20020219)	35MW-5ADUP(20020219)	35MW-5B(20020219)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)	< 1000 U			
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)	< 0.5 U			
Ethene	74-85-1	ug/L	(1)	< 0.5 U			
Hydrogen	1333-74-0	nM	(1)				
Methane	74-82-8	ug/L	(1)	1.2			
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	0.15 JCOL	< 0.2 U	< 0.2 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	0.44	< 0.2 U	< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	1.4	< 0.2 U	< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
DNX	80251-29-2	ug/L	(1)	< 0.25 U			
HMX	2691-41-0	ug/L	(1)	0.51	< 0.5 U	< 0.5 U	< 0.5 U
MNX	5755-27-1	ug/L	(1)	< 0.25 U			
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)		< 500 UJ	< 500 UJ	< 500 UJ
Nitroglycerin	55-63-0	ug/L	(1)		< 500 U	< 500 U	< 500 U
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)	0.88	< 0.5 U	< 0.5 U	0.34 J
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
TNX	13980-04-6	ug/L	(1)	< 0.25 R			
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	0.71	< 0.2 U	< 0.2 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)				
Antimony	7440-36-0	ug/L	(1)				
Arsenic	7440-38-2	ug/L	(1)				
Barium	7440-39-3	ug/L	(1)				
Beryllium	7440-41-7	ug/L	(1)				
Cadmium	7440-43-9	ug/L	(1)				
Calcium	7440-70-2	ug/L	(1)				
Chromium	7440-47-3	ug/L	(1)				
Cobalt	7440-48-4	ug/L	(1)				
Copper	7440-50-8	ug/L	(1)				
Iron	7439-89-6	ug/L	(1)	190			
Lead	7439-92-1	ug/L	(1)				
Magnesium	7439-95-4	ug/L	(1)				
Manganese	7439-96-5	ug/L	(1)				
Mercury	7439-97-6	ug/L	(1)				
Nickel	7440-02-0	ug/L	(1)				
Potassium	7440-09-7	ug/L	(1)				
Selenium	7782-49-2	ug/L	(1)				
Silver	7440-22-4	ug/L	(1)				
Sodium	7440-23-5	ug/L	(1)				
Thallium	7440-28-0	ug/L	(1)				
Vanadium	7440-62-2	ug/L	(1)				
Zinc	7440-66-6	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				

			Site Name	200, Building 1037	200, Building 1355	200, Building 1355	200, Building 1355
			Location ID	L-161-MW-4B	L-35-MW-5A	L-35-MW-5A	L-35-MW-5B
			Sample Date	11/6/2003	2/19/2002	2/19/2002	2/19/2002
			Depth Interval	15 - 25	9 - 19	9 - 19	28 - 38
			Sample ID	161MW-4B(20031106)	35MW-5A(20020219)	35MW-5ADUP(20020219)	35MW-5B(20020219)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	5.3	3.6	5.1
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 (U)	< 10 U	< 10 U	< 10 U
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 R	< 20 R
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)	< 1 UJ	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	0.33 J	< 1 (U)	< 1 (U)	< 1 (U)
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 UJ	< 2 UJ	< 2 UJ
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 UJ	< 1 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U

			Site Name	200, Building 1037	200, Building 1355	200, Building 1355	200, Building 1355
			Location ID	L-161-MW-4B	L-35-MW-5A	L-35-MW-5A	L-35-MW-5B
			Sample Date	11/6/2003	2/19/2002	2/19/2002	2/19/2002
			Depth Interval	15 - 25	9 - 19	9 - 19	28 - 38
			Sample ID	161MW-4B(20031106)	35MW-5A(20020219)	35MW-5ADUP(20020219)	35MW-5B(20020219)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R	< 50 R	< 50 R
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	16	< 1 U	< 1 U	0.17 J
Trichlorofluoromethane	75-69-4	ug/L	(1)	5.6	< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
WetChem							
Ammonia	7664-41-7	ug/L	(1)	30 J			
Chloride	16887-00-6	ug/L	(1)	27200			
Dissolved Organic Carbon	DOC	ug/L	(1)	< 1000 R			
Nitrate	14797-55-8	ug/L	(1)	290 J			
Nitrite	14797-65-0	ug/L	(1)	< 500 U			
Sulfate	14808-79-8	ug/L	(1)	86400			
Sulfide	18496-25-8	ug/L	(1)	< 500 U			

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1038
			Location ID	L-B1038-MW-1	L-B1038-MW-1	L-B1038-MW-1	L-B1038-MW-1
			Sample Date	9/19/2001	10/20/2003	11/4/2003	6/8/2004
			Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15
			Sample ID	B1038MW-1(20010919)	B1038MW-1(20031020)	B1038MW-1(20031104)	B1038MW-1(20040608)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)				
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)			< 0.5 U	
Ethene	74-85-1	ug/L	(1)			< 0.5 U	
Hydrogen	1333-74-0	nM	(1)		1.1		
Methane	74-82-8	ug/L	(1)			< 0.5 U	
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 UJ			
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.2 UJ			
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 UJ			
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 UJ			
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 UJ			
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 UJ			
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 UJ			
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 UJ			
DNX	80251-29-2	ug/L	(1)				
HMX	2691-41-0	ug/L	(1)	0.23 J			
MNX	5755-27-1	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 UJ			
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U			
Nitrocellulose	9004-70-0	ug/L	(1)				
Nitroglycerin	55-63-0	ug/L	(1)				
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)	0.64 J			
Tetryl	479-45-8	ug/L	(1)	< 0.2 UJ			
TNX	13980-04-6	ug/L	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 10 U			
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 0.2 UJ			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 10 U			
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.2 UJ			
Metals							
Aluminum	7429-90-5	ug/L	(1)	3600 J			
Antimony	7440-36-0	ug/L	(1)	< 10 U			
Arsenic	7440-38-2	ug/L	(1)	< 3 U			
Barium	7440-39-3	ug/L	(1)	22 J			
Beryllium	7440-41-7	ug/L	(1)	< 2 U			
Cadmium	7440-43-9	ug/L	(1)	< 2 U			
Calcium	7440-70-2	ug/L	(1)	18600 J			
Chromium	7440-47-3	ug/L	(1)	40 J			
Cobalt	7440-48-4	ug/L	(1)	7.5 J			
Copper	7440-50-8	ug/L	(1)	13 J			
Iron	7439-89-6	ug/L	(1)	6400 J		1200	
Lead	7439-92-1	ug/L	(1)	< 3 U			
Magnesium	7439-95-4	ug/L	(1)	5900 J			
Manganese	7439-96-5	ug/L	(1)	140 J			
Mercury	7439-97-6	ug/L	(1)	< 0.092 U			
Nickel	7440-02-0	ug/L	(1)	37 J			
Potassium	7440-09-7	ug/L	(1)	2700 J			
Selenium	7782-49-2	ug/L	(1)	< 5 U			
Silver	7440-22-4	ug/L	(1)	< 4 U			
Sodium	7440-23-5	ug/L	(1)	18400 J			
Thallium	7440-28-0	ug/L	(1)	0.27 J			
Vanadium	7440-62-2	ug/L	(1)	8.5 J			
Zinc	7440-66-6	ug/L	(1)	34 J			
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U			
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U			
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U			
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U			
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U			
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U			
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U			
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U			
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 U			
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U			
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U			
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U			
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U			
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U			
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U			
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U			
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U			

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1038
			Location ID	L-B1038-MW-1	L-B1038-MW-1	L-B1038-MW-1	L-B1038-MW-1
			Sample Date	9/19/2001	10/20/2003	11/4/2003	6/8/2004
			Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15
			Sample ID	B1038MW-1(20010919)	B1038MW-1(20031020)	B1038MW-1(20031104)	B1038MW-1(20040608)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U			
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U			
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U			
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#			
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 UJ			
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U			
Acenaphthene	83-32-9	ug/L	(1)	< 10 U			
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U			
Aniline	62-53-3	ug/L	(1)	< 10 U			
Anthracene	120-12-7	ug/L	(1)	< 10 U			
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U			
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U			
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U			
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U			
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U			
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U			
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U			
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U			
Carbazole	86-74-8	ug/L	(1)	< 10 U			
Chrysene	218-01-9	ug/L	(1)	< 10 U			
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U			
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U			
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U			
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U			
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U			
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U			
Diphenylamine	122-39-4	ug/L	(1)	< 10 U			
Fluoranthene	206-44-0	ug/L	(1)	< 10 U			
Fluorene	86-73-7	ug/L	(1)	< 10 U			
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U			
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U			
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U			
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U			
Isophorone	78-59-1	ug/L	(1)	< 10 U			
Naphthalene	91-20-3	ug/L	(1)	< 10 U			
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U			
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U			
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U			
Phenanthrene	85-01-8	ug/L	(1)	< 10 U			
Phenol	108-95-2	ug/L	(1)	< 10 U			
Pyrene	129-00-0	ug/L	(1)	< 10 U			
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
2-Butanone	78-93-3	ug/L	(1)	< 25 UD		< 20 UD	< 14 UD
2-Hexanone	591-78-6	ug/L	(1)	< 25 UD		< 20 UD	< 14 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 12 UD		< 10 UD	< 7.2 UD
Acetone	67-64-1	ug/L	(1)	< 25 UJD		< 20 UD	< 14 UJD
Acetonitrile	75-05-8	ug/L	(1)	< 50 R		< 40 UD	< 29 R
Benzene	71-43-2	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Bromodichloromethane	75-27-4	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Bromoform	75-25-2	ug/L	(1)	< 2.5 UJD		< 2 UD	< 1.4 UD
Bromomethane	74-83-9	ug/L	(1)	< 5 UJD		< 4 UD	< 2.9 UJD
Carbon disulfide	75-15-0	ug/L	(1)	< 2.5 UJD		< 2 UD	< 1.4 UD
Carbon tetrachloride	56-23-5	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Chlorobenzene	108-90-7	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Chloroethane	75-00-3	ug/L	(1)	< 5 UD		< 4 UD	< 2.9 UD
Chloroform	67-66-3	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Chloromethane	74-87-3	ug/L	(1)	< 5 UD		< 4 UD	< 2.9 UD
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	0.68 JD		< 1 UD	< 0.72 UD
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Dibromochloromethane	124-48-1	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 5 UD		< 4 UD	< 2.9 UD
Ethyl benzene	100-41-4	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Methylene chloride	75-09-2	ug/L	(1)	< 2.5 (U)D		< 2 UD	< 1.4 UD
Styrene	100-42-5	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1038
			Location ID	L-B1038-MW-1	L-B1038-MW-1	L-B1038-MW-1	L-B1038-MW-1
			Sample Date	9/19/2001	10/20/2003	11/4/2003	6/8/2004
			Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15
			Sample ID	B1038MW-1(20010919)	B1038MW-1(20031020)	B1038MW-1(20031104)	B1038MW-1(20040608)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)				
Tetrachloroethene	127-18-4	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Toluene	108-88-3	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 1.2 UD		< 1 UD	< 0.72 UD
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
Trichloroethene	79-01-6	ug/L	(1)	89 D		59 D	58 D
Trichlorofluoromethane	75-69-4	ug/L	(1)	12 D		2.4 JD	7.9 D
Vinyl chloride	75-01-4	ug/L	(1)	< 5 UD		< 4 UD	< 2.9 UD
Xylenes	1330-20-7	ug/L	(1)	< 2.5 UD		< 2 UD	< 1.4 UD
WetChem							
Ammonia	7664-41-7	ug/L	(1)			100 J	
Chloride	16887-00-6	ug/L	(1)			17500	
Dissolved Organic Carbon	DOC	ug/L	(1)			4000	
Nitrate	14797-55-8	ug/L	(1)			190 J	
Nitrite	14797-65-0	ug/L	(1)			< 500 U	
Sulfate	14808-79-8	ug/L	(1)			< 1000 R	
Sulfide	18496-25-8	ug/L	(1)			< 500 U	

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1038
			Location ID	L-B1038-MW-2	L-B1038-MW-2	L-B1038-MW-2	L-B1038-MW-3
			Sample Date	10/20/2003	11/4/2003	6/8/2004	10/20/2003
			Depth Interval	22 - 32	22 - 32	22 - 32	42 - 52
			Sample ID	B1038MW-2(20031020)	B1038MW-2(20031104)	B1038MW-2(20040608)	B1038MW-3(20031020)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)				
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)		< 0.5 U		
Ethene	74-85-1	ug/L	(1)		< 0.5 U		
Hydrogen	1333-74-0	nM	(1)	0.97			1
Methane	74-82-8	ug/L	(1)		< 0.5 U		
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)				
1,3-Dinitrobenzene	99-65-0	ug/L	(1)				
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)				
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)				
2-Nitrotoluene	88-72-2	ug/L	(1)				
3-Nitrotoluene	99-08-1	ug/L	(1)				
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)				
4-Nitrotoluene	99-99-0	ug/L	(1)				
DNX	80251-29-2	ug/L	(1)				
HMX	2691-41-0	ug/L	(1)				
MNX	5755-27-1	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)				
Nitroglycerin	55-63-0	ug/L	(1)				
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)				
Tetryl	479-45-8	ug/L	(1)				
TNX	13980-04-6	ug/L	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)				
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)				
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)				
Antimony	7440-36-0	ug/L	(1)				
Arsenic	7440-38-2	ug/L	(1)				
Barium	7440-39-3	ug/L	(1)				
Beryllium	7440-41-7	ug/L	(1)				
Cadmium	7440-43-9	ug/L	(1)				
Calcium	7440-70-2	ug/L	(1)				
Chromium	7440-47-3	ug/L	(1)				
Cobalt	7440-48-4	ug/L	(1)				
Copper	7440-50-8	ug/L	(1)				
Iron	7439-89-6	ug/L	(1)		110		
Lead	7439-92-1	ug/L	(1)				
Magnesium	7439-95-4	ug/L	(1)				
Manganese	7439-96-5	ug/L	(1)				
Mercury	7439-97-6	ug/L	(1)				
Nickel	7440-02-0	ug/L	(1)				
Potassium	7440-09-7	ug/L	(1)				
Selenium	7782-49-2	ug/L	(1)				
Silver	7440-22-4	ug/L	(1)				
Sodium	7440-23-5	ug/L	(1)				
Thallium	7440-28-0	ug/L	(1)				
Vanadium	7440-62-2	ug/L	(1)				
Zinc	7440-66-6	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 2.5 UD	< 2 UD	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1038
			Location ID	L-B1038-MW-2	L-B1038-MW-2	L-B1038-MW-2	L-B1038-MW-3
			Sample Date	10/20/2003	11/4/2003	6/8/2004	10/20/2003
			Depth Interval	22 - 32	22 - 32	22 - 32	42 - 52
			Sample ID	B1038MW-2(20031020)	B1038MW-2(20031104)	B1038MW-2(20040608)	B1038MW-3(20031020)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 2.5 UD	< 2 UD	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 2.5 UD	< 2 UD	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 2.5 UD	< 2 UD	
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 2.5 UD	< 2 UD	
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 2.5 UD	< 2 UD	
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 2.5 UD	< 2 UD	
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 2.5 UD	< 2 UD	
2-Butanone	78-93-3	ug/L	(1)		< 25 UD	< 20 UD	
2-Hexanone	591-78-6	ug/L	(1)		< 25 UD	< 20 UD	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 12 UD	< 10 UD	
Acetone	67-64-1	ug/L	(1)		< 25 UD	< 20 UJD	
Acetonitrile	75-05-8	ug/L	(1)		< 50 UD	< 40 R	
Benzene	71-43-2	ug/L	(1)		< 2.5 UD	< 2 UD	
Bromodichloromethane	75-27-4	ug/L	(1)		< 2.5 UD	< 2 UD	
Bromoform	75-25-2	ug/L	(1)		< 2.5 UD	< 2 UD	
Bromomethane	74-83-9	ug/L	(1)		< 5 UD	< 4 UJD	
Carbon disulfide	75-15-0	ug/L	(1)		< 2.5 UD	< 2 UD	
Carbon tetrachloride	56-23-5	ug/L	(1)		< 2.5 UD	< 2 UD	
Chlorobenzene	108-90-7	ug/L	(1)		< 2.5 UD	< 2 UD	
Chloroethane	75-00-3	ug/L	(1)		< 5 UD	< 4 UD	
Chloroform	67-66-3	ug/L	(1)		< 2.5 UD	< 2 UD	
Chloromethane	74-87-3	ug/L	(1)		< 5 UD	< 4 UD	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)		< 1.2 UD	< 1 UD	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 2.5 UD	< 2 UD	
Dibromochloromethane	124-48-1	ug/L	(1)		< 2.5 UD	< 2 UD	
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 5 UD	< 4 UD	
Ethyl benzene	100-41-4	ug/L	(1)		< 2.5 UD	< 2 UD	
Methylene chloride	75-09-2	ug/L	(1)		< 2.5 UD	< 2 UD	
Styrene	100-42-5	ug/L	(1)		< 2.5 UD	< 2 UD	

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1038
			Location ID	L-B1038-MW-2	L-B1038-MW-2	L-B1038-MW-2	L-B1038-MW-3
			Sample Date	10/20/2003	11/4/2003	6/8/2004	10/20/2003
			Depth Interval	22 - 32	22 - 32	22 - 32	42 - 52
			Sample ID	B1038MW-2(20031020)	B1038MW-2(20031104)	B1038MW-2(20040608)	B1038MW-3(20031020)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)				
Tetrachloroethene	127-18-4	ug/L	(1)		< 2.5 UD	< 2 UD	
Toluene	108-88-3	ug/L	(1)		< 2.5 UD	< 2 UD	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)		< 1.2 UD	< 1 UD	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 2.5 UD	< 2 UD	
Trichloroethene	79-01-6	ug/L	(1)		68 D	68 D	
Trichlorofluoromethane	75-69-4	ug/L	(1)		8.7 D	12 D	
Vinyl chloride	75-01-4	ug/L	(1)		< 5 UD	< 4 UD	
Xylenes	1330-20-7	ug/L	(1)		< 2.5 UD	< 2 UD	
WetChem							
Ammonia	7664-41-7	ug/L	(1)		70 J		
Chloride	16887-00-6	ug/L	(1)		23800		
Dissolved Organic Carbon	DOC	ug/L	(1)		3000		
Nitrate	14797-55-8	ug/L	(1)		210 J		
Nitrite	14797-65-0	ug/L	(1)		< 500 U		
Sulfate	14808-79-8	ug/L	(1)		< 1000 R		
Sulfide	18496-25-8	ug/L	(1)		< 500 U		

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1090
			Location ID	L-B1038-MW-3	L-B1038-MW-3	L-B1038-MW-4	L-B1090-MW-1
			Sample Date	11/4/2003	6/21/2004	6/14/2004	9/18/2001
			Depth Interval	42 - 52	41 - 51	75 - 85	10 - 20
			Sample ID	B1038MW-3(20031104)	B1038MW-3(20040621)	B1038MW-4(20040614)	B1090MW-1(20010918)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)				
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)	< 0.5 U			
Ethene	74-85-1	ug/L	(1)	< 0.5 U			
Hydrogen	1333-74-0	nM	(1)				
Methane	74-82-8	ug/L	(1)	< 0.5 U			
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
1,3-Dinitrobenzene	99-65-0	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)		< 0.2 U	< 0.2 U	0.15 J
2-Nitrotoluene	88-72-2	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
3-Nitrotoluene	99-08-1	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)		< 0.2 U	< 0.2 U	0.27 J
4-Nitrotoluene	99-99-0	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
DNX	80251-29-2	ug/L	(1)				
HMX	2691-41-0	ug/L	(1)		0.16 J	< 0.5 U	7.4 J
MNX	5755-27-1	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)				
Nitroglycerin	55-63-0	ug/L	(1)				
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)		0.55	0.26 J	16 D
Tetryl	479-45-8	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
TNX	13980-04-6	ug/L	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)		< 0.2 U	< 0.2 U	< 0.2 UJ
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)				
Antimony	7440-36-0	ug/L	(1)				
Arsenic	7440-38-2	ug/L	(1)				
Barium	7440-39-3	ug/L	(1)				
Beryllium	7440-41-7	ug/L	(1)				
Cadmium	7440-43-9	ug/L	(1)				
Calcium	7440-70-2	ug/L	(1)				
Chromium	7440-47-3	ug/L	(1)				
Cobalt	7440-48-4	ug/L	(1)				
Copper	7440-50-8	ug/L	(1)				
Iron	7439-89-6	ug/L	(1)	120			
Lead	7439-92-1	ug/L	(1)				
Magnesium	7439-95-4	ug/L	(1)				
Manganese	7439-96-5	ug/L	(1)				
Mercury	7439-97-6	ug/L	(1)				
Nickel	7440-02-0	ug/L	(1)				
Potassium	7440-09-7	ug/L	(1)				
Selenium	7782-49-2	ug/L	(1)				
Silver	7440-22-4	ug/L	(1)				
Sodium	7440-23-5	ug/L	(1)				
Thallium	7440-28-0	ug/L	(1)				
Vanadium	7440-62-2	ug/L	(1)				
Zinc	7440-66-6	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1090
			Location ID	L-B1038-MW-3	L-B1038-MW-3	L-B1038-MW-4	L-B1090-MW-1
			Sample Date	11/4/2003	6/21/2004	6/14/2004	9/18/2001
			Depth Interval	42 - 52	41 - 51	75 - 85	10 - 20
			Sample ID	B1038MW-3(20031104)	B1038MW-3(20040621)	B1038MW-4(20040614)	B1090MW-1(20010918)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
2-Butanone	78-93-3	ug/L	(1)	< 33 UD	< 20 UD	< 10 U	
2-Hexanone	591-78-6	ug/L	(1)	< 33 UD	< 20 UD	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 17 UD	< 10 UD	< 5 U	
Acetone	67-64-1	ug/L	(1)	< 33 UD	< 20 UD	< 10 U	
Acetonitrile	75-05-8	ug/L	(1)	< 67 UD	< 40 UD	< 20 U	
Benzene	71-43-2	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Bromomethane	74-83-9	ug/L	(1)	< 6.7 UD	< 4 UD	< 2 U	
Carbon disulfide	75-15-0	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 6.7 UD	< 4 UD	< 2 U	
Chloroform	67-66-3	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Chloromethane	74-87-3	ug/L	(1)	< 6.7 UD	< 4 UD	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 1.7 UD	< 1 UD	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 6.7 UD	< 4 UD	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Styrene	100-42-5	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	

			Site Name	200, Building 1038	200, Building 1038	200, Building 1038	200, Building 1090
			Location ID	L-B1038-MW-3	L-B1038-MW-3	L-B1038-MW-4	L-B1090-MW-1
			Sample Date	11/4/2003	6/21/2004	6/14/2004	9/18/2001
			Depth Interval	42 - 52	41 - 51	75 - 85	10 - 20
			Sample ID	B1038MW-3(20031104)	B1038MW-3(20040621)	B1038MW-4(20040614)	B1090MW-1(20010918)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)				
Tetrachloroethene	127-18-4	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 1.7 UD	< 1 UD	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	44 D	45 D	30	
Trichlorofluoromethane	75-69-4	ug/L	(1)	85 D	64 D	4.3	
Vinyl chloride	75-01-4	ug/L	(1)	< 6.7 UD	< 4 UD	< 2 U	
Xylenes	1330-20-7	ug/L	(1)	< 3.3 UD	< 2 UD	< 1 U	
WetChem							
Ammonia	7664-41-7	ug/L	(1)	70 J			
Chloride	16887-00-6	ug/L	(1)	20700			
Dissolved Organic Carbon	DOC	ug/L	(1)	2000			
Nitrate	14797-55-8	ug/L	(1)	230 J			
Nitrite	14797-65-0	ug/L	(1)	< 500 U			
Sulfate	14808-79-8	ug/L	(1)	< 1000 R			
Sulfide	18496-25-8	ug/L	(1)	< 500 U			

			Site Name	200, Building 1090	200, Building 1090	200, Building 1090	200, Building 1090
			Location ID	L-B1090-MW-1	L-B1090-MW-1	L-B1090-MW-1	L-B1090-MW-2
			Sample Date	9/18/2001	2/6/2002	11/18/2003	6/21/2004
			Depth Interval	10 - 20	10 - 20	10 - 20	119 - 129
			Sample ID	B1090MW-1DUP(20010918)	B1090MW-1(20020206)	B1090MW-1(20031118)	B1090MW-2(20040621)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)				
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)				
Ethene	74-85-1	ug/L	(1)				
Hydrogen	1333-74-0	nM	(1)				
Methane	74-82-8	ug/L	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	0.13 J	< 0.4 UD	< 1 UD	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	0.26	< 0.4 UD	< 1 UD	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
DNX	80251-29-2	ug/L	(1)				
HMX	2691-41-0	ug/L	(1)	7.1	6.2 D	12 D	< 0.5 U
MNX	5755-27-1	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 UI
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)				
Nitroglycerin	55-63-0	ug/L	(1)				
Nitroguanidine	556-88-7	ug/L	(1)				
Perchlorate	14797-73-0	ug/L	(1)				
PETN	78-11-5	ug/L	(1)				
RDX	121-82-4	ug/L	(1)	16 D	11 D	38 D	< 0.5 UI
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 0.4 UJD	< 1 UD	< 0.2 U
TNX	13980-04-6	ug/L	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.2 U	< 0.4 UD	< 1 UD	< 0.2 UI
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)				
Antimony	7440-36-0	ug/L	(1)				
Arsenic	7440-38-2	ug/L	(1)				
Barium	7440-39-3	ug/L	(1)				
Beryllium	7440-41-7	ug/L	(1)				
Cadmium	7440-43-9	ug/L	(1)				
Calcium	7440-70-2	ug/L	(1)				
Chromium	7440-47-3	ug/L	(1)				
Cobalt	7440-48-4	ug/L	(1)				
Copper	7440-50-8	ug/L	(1)				
Iron	7439-89-6	ug/L	(1)				
Lead	7439-92-1	ug/L	(1)				
Magnesium	7439-95-4	ug/L	(1)				
Manganese	7439-96-5	ug/L	(1)				
Mercury	7439-97-6	ug/L	(1)				
Nickel	7440-02-0	ug/L	(1)				
Potassium	7440-09-7	ug/L	(1)				
Selenium	7782-49-2	ug/L	(1)				
Silver	7440-22-4	ug/L	(1)				
Sodium	7440-23-5	ug/L	(1)				
Thallium	7440-28-0	ug/L	(1)				
Vanadium	7440-62-2	ug/L	(1)				
Zinc	7440-66-6	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				

			Site Name	200, Building 1090	200, Building 1090	200, Building 1090	200, Building 1090
			Location ID	L-B1090-MW-1	L-B1090-MW-1	L-B1090-MW-1	L-B1090-MW-2
			Sample Date	9/18/2001	2/6/2002	11/18/2003	6/21/2004
			Depth Interval	10 - 20	10 - 20	10 - 20	119 - 129
			Sample ID	B1090MW-1DUP(20010918)	B1090MW-1(20020206)	B1090MW-1(20031118)	B1090MW-2(20040621)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 1 U	< 1 U	2.3
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)		< 10 (U)	< 10 U	< 10 (U)
2-Hexanone	591-78-6	ug/L	(1)		< 10 UJ	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 5 U	< 5 U	0.85 J
Acetone	67-64-1	ug/L	(1)		< 10 (U)J	< 10 UJ	< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)		< 20 R	< 20 R	< 20 U
Benzene	71-43-2	ug/L	(1)		< 1 U	< 1 U	3.8
Bromodichloromethane	75-27-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)		< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)		< 2 U	< 2 UJ	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)		< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)		< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)		< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)		< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)		< 2 U	< 2 U	0.16 J
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)		< 0.5 U	< 0.5 U	3.3
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)		< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 2 UJ	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)		< 1 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)		< 1 U	< 1 U	< 1 U

			Site Name	200, Building 1090	200, Building 1090	200, Building 1090	200, Building 1090
			Location ID	L-B1090-MW-1	L-B1090-MW-1	L-B1090-MW-1	L-B1090-MW-2
			Sample Date	9/18/2001	2/6/2002	11/18/2003	6/21/2004
			Depth Interval	10 - 20	10 - 20	10 - 20	119 - 129
			Sample ID	B1090MW-1DUP(20010918)	B1090MW-1(20020206)	B1090MW-1(20031118)	B1090MW-2(20040621)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R		
Tetrachloroethene	127-18-4	ug/L	(1)		< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)		< 1 (U)	< 1 U	0.18 J
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)		< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)		0.99 J	0.59 J	15
Trichlorofluoromethane	75-69-4	ug/L	(1)		< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)		< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)		< 1 U	< 1 U	< 1 U
WetChem							
Ammonia	7664-41-7	ug/L	(1)				
Chloride	16887-00-6	ug/L	(1)				
Dissolved Organic Carbon	DOC	ug/L	(1)				
Nitrate	14797-55-8	ug/L	(1)				
Nitrite	14797-65-0	ug/L	(1)				
Sulfate	14808-79-8	ug/L	(1)				
Sulfide	18496-25-8	ug/L	(1)				

			Site Name	200, Building 1437	200, Building 1437	200, Building 1038	200, Building 1038
			Location ID	L-B1437-MW-1	L-B1437-MW-1	L-PZ-01	L-PZ-01
			Sample Date	12/29/2000	12/29/2000	10/31/2001	5/5/2004
			Depth Interval	5 - 15	5 - 15	0 - 1	0 - 4
			Sample ID	B1437MW-1(20001229)	B1437MW-1DUP(20001229)	PZ-1(20011031)	PZ-1(20040505)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Methanol	67-56-1	ug/L	(1)				
Dissolved Gas							
Ethane	74-84-0	ug/L	(1)				
Ethene	74-85-1	ug/L	(1)				
Hydrogen	1333-74-0	nM	(1)				
Methane	74-82-8	ug/L	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
DNX	80251-29-2	ug/L	(1)				
HMX	2691-41-0	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	
MNX	5755-27-1	ug/L	(1)				
Nitrobenzene	98-95-3	ug/L	(1)	< 10 U	< 10 U	< 0.2 U	
Nitrobenzene	98-95-3	ug/L	(2)	< 0.2 U	< 0.2 U		
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U	< 500 U	< 500 U	
Nitroglycerin	55-63-0	ug/L	(1)	< 500 U	< 500 U	< 500 U	
Nitroguanidine	556-88-7	ug/L	(1)	< 20 UJ	< 20 UJ		
Perchlorate	14797-73-0	ug/L	(1)	< 5 U	< 5 U		
PETN	78-11-5	ug/L	(1)	< 2.5 U	< 2.5 U		
RDX	121-82-4	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.2 U	
TNX	13980-04-6	ug/L	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 10 U	< 10 U	< 0.2 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 0.2 U	< 0.2 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 10 U	< 10 U	< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.2 U	< 0.2 U		
Metals							
Aluminum	7429-90-5	ug/L	(1)	1600	610		
Antimony	7440-36-0	ug/L	(1)	2.7 J	< 10 U		
Arsenic	7440-38-2	ug/L	(1)	< 3 U	< 3 U		
Barium	7440-39-3	ug/L	(1)	9.5 J	7.8 J		
Beryllium	7440-41-7	ug/L	(1)	< 2 U	< 2 U		
Cadmium	7440-43-9	ug/L	(1)	0.44 J	< 2 U		
Calcium	7440-70-2	ug/L	(1)	7300	6500		
Chromium	7440-47-3	ug/L	(1)	1.5 J	< 10 U		
Cobalt	7440-48-4	ug/L	(1)	2.7 J	2.3 J		
Copper	7440-50-8	ug/L	(1)	4.5 J	< 9 U		
Iron	7439-89-6	ug/L	(1)	1300	570		
Lead	7439-92-1	ug/L	(1)	< 3 U	< 3 U		
Magnesium	7439-95-4	ug/L	(1)	2400 J	1900 J		
Manganese	7439-96-5	ug/L	(1)	43	27		
Mercury	7439-97-6	ug/L	(1)	< 0.092 U	< 0.092 U		
Nickel	7440-02-0	ug/L	(1)	3.6 J	4.9 J		
Potassium	7440-09-7	ug/L	(1)	1700 J	1400 J		
Selenium	7782-49-2	ug/L	(1)	< 5 U	< 5 U		
Silver	7440-22-4	ug/L	(1)	< 4 U	< 4 U		
Sodium	7440-23-5	ug/L	(1)	10500	10100		
Thallium	7440-28-0	ug/L	(1)	< 1.7 UJ	< 1.7 UJ		
Vanadium	7440-62-2	ug/L	(1)	3.7 J	1.6 J		
Zinc	7440-66-6	ug/L	(1)	< 20 U	22		
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	< 10 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	< 10 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	< 10 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	< 10 U		
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	< 10 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	< 10 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	< 10 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	< 10 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 U	< 50 U		
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	< 10 U		
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	< 10 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	< 10 U		
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	< 10 U		
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	< 50 U		
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	< 10 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	< 50 U		
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U	< 50 U		

			Site Name	200, Building 1437	200, Building 1437	200, Building 1038	200, Building 1038
			Location ID	L-B1437-MW-1	L-B1437-MW-1	L-PZ-01	L-PZ-01
			Sample Date	12/29/2000	12/29/2000	10/31/2001	5/5/2004
			Depth Interval	5 - 15	5 - 15	0 - 1	0 - 4
			Sample ID	B1437MW-1(20001229)	B1437MW-1DUP(20001229)	PZ-1(20011031)	PZ-1(20040505)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U	< 50 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	< 10 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	< 10 U		
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	< 10 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	< 10 U		
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#	< 10 U#		
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U	< 50 U		
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	< 50 U		
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	< 10 U		
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	< 10 U		
Aniline	62-53-3	ug/L	(1)	< 10 U	< 10 U		
Anthracene	120-12-7	ug/L	(1)	< 10 U	< 10 U		
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	< 10 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	< 10 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	< 10 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	< 10 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	< 10 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	< 10 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U	< 10 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U	< 10 U		
Carbazole	86-74-8	ug/L	(1)	< 10 U	< 10 U		
Chrysene	218-01-9	ug/L	(1)	< 10 U	< 10 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	< 10 U		
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	< 10 U		
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	< 10 U		
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	< 10 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	< 10 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	< 10 U		
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	< 10 U		
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	< 10 U		
Fluorene	86-73-7	ug/L	(1)	< 10 U	< 10 U		
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	< 10 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	< 10 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U	< 50 U		
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	< 10 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	< 10 U		
Isophorone	78-59-1	ug/L	(1)	< 10 U	< 10 U		
Naphthalene	91-20-3	ug/L	(1)	< 10 U	< 10 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	< 10 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	< 10 U		
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	< 10 U		
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	< 10 U		
Phenol	108-95-2	ug/L	(1)	< 10 U	< 10 U		
Pyrene	129-00-0	ug/L	(1)	< 10 U	< 10 U		
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	5.6	5.9	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 (U)	< 10 (U)	< 10 (U)	< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 U	< 20 U
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 UJ	< 1 UJ	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	1.1	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	0.42 J
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U

			Site Name	200, Building 1437	200, Building 1437	200, Building 1038	200, Building 1038
			Location ID	L-B1437-MW-1	L-B1437-MW-1	L-PZ-01	L-PZ-01
			Sample Date	12/29/2000	12/29/2000	10/31/2001	5/5/2004
			Depth Interval	5 - 15	5 - 15	0 - 1	0 - 4
			Sample ID	B1437MW-1(20001229)	B1437MW-1DUP(20001229)	PZ-1(20011031)	PZ-1(20040505)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (Cont.)							
tert-Butylalcohol	75-65-0	ug/L	(1)			< 50 U	
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	2.9	29
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	0.35 J	2.6
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
WetChem							
Ammonia	7664-41-7	ug/L	(1)				
Chloride	16887-00-6	ug/L	(1)				
Dissolved Organic Carbon	DOC	ug/L	(1)				
Nitrate	14797-55-8	ug/L	(1)				
Nitrite	14797-65-0	ug/L	(1)				
Sulfate	14808-79-8	ug/L	(1)				
Sulfide	18496-25-8	ug/L	(1)				

Historic Analytical Results for Sediment Samples at PICA 200/Site 200

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	200, Building 1037 L-161-SD-5 11/29/2001 0 - 1 161SD-5(0-1) SE	200, Building 1037 L-161-SD-5 11/29/2001 0 - 1 161SD-5DUP(0-1) SE	200, Building 1037 L-161-SD-6 11/29/2001 0 - 1 161SD-6(0-1) SE	200, Building 1030 L-B1030-SS-1 10/18/2000 0 - 1 B1030SS-1(0-1) SE	200, Building 1030 L-B1030-SS-2 10/18/2000 0 - 1 B1030SS-2(0-1) SE	200, Building 1030 L-B1030-SS-3 10/18/2000 0 - 1 B1030SS-3(0-1) SE	200, Building 1030 L-B1030-SS-5 4/26/2001 0 - 1 B1030SS-5A(0-1) SE
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
2-Nitrotoluene	88-72-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
3-Nitrotoluene	99-08-1	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
4-Nitrotoluene	99-99-0	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
HMX	2691-41-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U				
Nitrobenzene	98-95-3	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
Nitrocellulose	9004-70-0	mg/kg	< 2.3 (U)J	< 2.5 (U)J	8 J				
Nitroglycerin	55-63-0	mg/kg	< 2.5 U	< 2.5 U	< 2.5 U				
RDX	121-82-4	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U				
Tetryl	479-45-8	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U				
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U				
Metals									
Arsenic	7440-38-2	mg/kg				56.1 J	15.5 J	62.6 J	14.6
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
1,1-Dichloroethane	75-34-3	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
1,1-Dichloroethene	75-35-4	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
1,2-Dichloroethane	107-06-2	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
1,2-Dichloropropane	78-87-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
2-Butanone	78-93-3	mg/kg	< 0.13 U	< 0.12 U	< 0.15 U				
2-Hexanone	591-78-6	mg/kg	< 0.063 U	< 0.059 U	< 0.074 U				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.063 U	< 0.059 U	< 0.074 U				
Acetone	67-64-1	mg/kg	< 0.13 UJ	< 0.12 U	< 0.15 U				
Acetonitrile	75-05-8	mg/kg	< 0.25 R	< 0.24 R	< 0.3 R				
Benzene	71-43-2	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Bromodichloromethane	75-27-4	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Bromoform	75-25-2	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Bromomethane	74-83-9	mg/kg	< 0.013 U	< 0.012 UJ	< 0.015 U				
Carbon disulfide	75-15-0	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Carbon tetrachloride	56-23-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Chlorobenzene	108-90-7	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Chloroethane	75-00-3	mg/kg	< 0.013 UJ	< 0.012 UJ	< 0.015 UJ				
Chloroform	67-66-3	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Chloromethane	74-87-3	mg/kg	< 0.013 U	< 0.012 U	< 0.015 U				
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Dibromochloromethane	124-48-1	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.013 U	< 0.012 U	< 0.015 U				
Ethyl benzene	100-41-4	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				

Chemical Name	CAS No	Unit	Site Name: 200, Building 1037 Location ID: L-161-SD-5 Sample Date: 11/29/2001 Depth Interval: 0 - 1 Sample ID: 161SD-5(0-1) Sample Matrix: SE	Site Name: 200, Building 1037 Location ID: L-161-SD-5 Sample Date: 11/29/2001 Depth Interval: 0 - 1 Sample ID: 161SD-5DUP(0-1) Sample Matrix: SE	Site Name: 200, Building 1037 Location ID: L-161-SD-6 Sample Date: 11/29/2001 Depth Interval: 0 - 1 Sample ID: 161SD-6(0-1) Sample Matrix: SE	Site Name: 200, Building 1030 Location ID: L-B1030-SS-1 Sample Date: 10/18/2000 Depth Interval: 0 - 1 Sample ID: B1030SS-1(0-1) Sample Matrix: SE	Site Name: 200, Building 1030 Location ID: L-B1030-SS-2 Sample Date: 10/18/2000 Depth Interval: 0 - 1 Sample ID: B1030SS-2(0-1) Sample Matrix: SE	Site Name: 200, Building 1030 Location ID: L-B1030-SS-3 Sample Date: 10/18/2000 Depth Interval: 0 - 1 Sample ID: B1030SS-3(0-1) Sample Matrix: SE	Site Name: 200, Building 1030 Location ID: L-B1030-SS-5 Sample Date: 4/26/2001 Depth Interval: 0 - 1 Sample ID: B1030SS-5A(0-1) Sample Matrix: SE
VOC (continued)									
Methylene chloride	75-09-2	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Styrene	100-42-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Tetrachloroethene	127-18-4	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Toluene	108-88-3	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Trichloroethene	79-01-6	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
Trichlorofluoromethane	75-69-4	mg/kg	< 0.63 UJ	< 0.59 UJ	< 0.74 UJ				
Vinyl chloride	75-01-4	mg/kg	< 0.013 U	< 0.012 U	< 0.015 U				
Xylenes	1330-20-7	mg/kg	< 0.63 U	< 0.59 U	< 0.74 U				
WetChem									
% Moisture	%Moist	%	12.7	18.9	18.8				
% Solids	%Solid	%	79.2	84.1	67.4	33.3	48.6	45.7	36.1
pH	pH	No Unit				7.3	7.4	7.2	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1030 L-1030-SS-B 10/18/2000 0 - 1 1030SS-B(0-1) SO	200, Building 1414A L-1414A-SS-B 10/19/2000 0 - 1 1414ASS-B(0-1) SO	200, Building 1414 L-1414-SS-A 10/18/2000 0 - 1 1414SS-A(0-1)-120180 SO	200, Building 1414 L-1414-SS-A 10/19/2000 0 - 1 1414SS-A(0-1)-120198 SO	200, Building 1414 L-1414-SS-B 10/18/2000 0 - 1 1414SS-B(0-1)-120181 SO	200, Building 1414 L-1414-SS-B 10/19/2000 0 - 1 1414SS-B(0-1)-120199 SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)				< 2.3 (U)		< 2.3 (U)
Nitroglycerin	55-63-0	mg/kg	(1)				< 0.5 U		< 0.5 U
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)				< 0.5 U		< 0.5 U
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1030 L-1030-SS-B 10/18/2000 0 - 1 1030SS-B(0-1) SO	200, Building 1414A L-1414A-SS-B 10/19/2000 0 - 1 1414ASS-B(0-1) SO	200, Building 1414 L-1414-SS-A 10/18/2000 0 - 1 1414SS-A(0-1)-120180 SO	200, Building 1414 L-1414-SS-A 10/19/2000 0 - 1 1414SS-A(0-1)-120198 SO	200, Building 1414 L-1414-SS-B 10/18/2000 0 - 1 1414SS-B(0-1)-120181 SO	200, Building 1414 L-1414-SS-B 10/19/2000 0 - 1 1414SS-B(0-1)-120199 SO
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)	15.7				3.8	
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)			7.1			
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)		< 0.42 U				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1030 L-1030-SS-B 10/18/2000 0 - 1 1030SS-B(0-1) SO	200, Building 1414A L-1414A-SS-B 10/19/2000 0 - 1 1414ASS-B(0-1) SO	200, Building 1414 L-1414-SS-A 10/18/2000 0 - 1 1414SS-A(0-1)-120180 SO	200, Building 1414 L-1414-SS-A 10/19/2000 0 - 1 1414SS-A(0-1)-120198 SO	200, Building 1414 L-1414-SS-B 10/18/2000 0 - 1 1414SS-B(0-1)-120181 SO	200, Building 1414 L-1414-SS-B 10/19/2000 0 - 1 1414SS-B(0-1)-120199 SO
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.42 U				
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)		< 0.42 U				
Benz(a)anthracene	56-55-3	mg/kg	(1)		0.26 J				
Benzo(a)pyrene	50-32-8	mg/kg	(1)		0.3 J				
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		0.4 J				
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		0.17 J				
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		0.12 J				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)		0.29 J				
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.42 U				
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)		0.42				
Fluorene	86-73-7	mg/kg	(1)		< 0.42 U				
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		0.15 J				
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)		< 0.42 U				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)		0.18 J				
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)		0.41 J				
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1030 L-1030-SS-B 10/18/2000 0 - 1 1030SS-B(0-1) SO	200, Building 1414A L-1414A-SS-B 10/19/2000 0 - 1 1414ASS-B(0-1) SO	200, Building 1414 L-1414-SS-A 10/18/2000 0 - 1 1414SS-A(0-1)-120180 SO	200, Building 1414 L-1414-SS-A 10/19/2000 0 - 1 1414SS-A(0-1)-120198 SO	200, Building 1414 L-1414-SS-B 10/18/2000 0 - 1 1414SS-B(0-1)-120181 SO	200, Building 1414 L-1414-SS-B 10/19/2000 0 - 1 1414SS-B(0-1)-120199 SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg-wetweight	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg-wetweight	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg-wetweight	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg-wetweight	(1)						
Benzene	71-43-2	mg/kg	(1)						
Benzene	71-43-2	mg/kg-wetweight	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromoform	75-25-2	mg/kg-wetweight	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg-wetweight	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg-wetweight	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg-wetweight	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg-wetweight	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg-wetweight	(1)						
Styrene	100-42-5	mg/kg	(1)						
Styrene	100-42-5	mg/kg-wetweight	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)						
Toluene	108-88-3	mg/kg	(1)						
Toluene	108-88-3	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1030 L-1030-SS-B 10/18/2000 0 - 1 1030SS-B(0-1) SO	200, Building 1414A L-1414A-SS-B 10/19/2000 0 - 1 1414ASS-B(0-1) SO	200, Building 1414 L-1414-SS-A 10/18/2000 0 - 1 1414SS-A(0-1)-120180 SO	200, Building 1414 L-1414-SS-A 10/19/2000 0 - 1 1414SS-A(0-1)-120198 SO	200, Building 1414 L-1414-SS-B 10/18/2000 0 - 1 1414SS-B(0-1)-120181 SO	200, Building 1414 L-1414-SS-B 10/19/2000 0 - 1 1414SS-B(0-1)-120199 SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg-wetweight	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg-wetweight	(1)						
WetChem									
% Moisture	%Moist	%	(1)				13.1		13
% Solids	%Solid	%	(1)	70.4	77.9	85.4		88.4	
pH	pH	No Unit	(1)	7.6					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-1414-SS-C 10/19/2000 0 - 1 1414SS-C(0-1) SO	200, Building 1414 L-1414-SS-D 10/19/2000 0 - 1 1414SS-D(0-1) SO	200, Building 1415 L-1415-SS-A 10/19/2000 0 - 1 1415SS-A(0-1) SO	200, Building 1415 L-1415-SS-B 10/19/2000 0 - 1 1415SS-B(0-1) SO	200, Building 1415 L-1415-SS-C 10/19/2000 0 - 1 1415SS-C(0-1) SO	200, Building 1437 L-1437-SS-A 10/19/2000 0 - 1 1437SS-A(0-1) SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)			< 0.25 U			< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)			< 0.25 U			< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)			< 0.25 U			< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)			< 0.25 U			< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)			< 0.25 U			< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)			< 0.25 U			< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)			< 0.25 U			< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)			< 0.25 U			< 0.25 U
HMX	2691-41-0	mg/kg	(1)			< 0.25 U			< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)			< 0.25 U			< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)	< 2.3 (U)	< 2.4 (U)	< 2.3 (U)	790 D	< 2.3 (U)	< 2.4 (U)
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Nitroguanidine	556-88-7	mg/kg	(1)						0.05 J
PETN	78-11-5	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
RDX	121-82-4	mg/kg	(1)			< 0.25 U			< 0.25 U
Tetryl	479-45-8	mg/kg	(1)			< 0.25 U			< 0.25 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)			< 0.25 U			< 0.25 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)			< 0.25 U			< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-1414-SS-C 10/19/2000 0 - 1 1414SS-C(0-1) SO	200, Building 1414 L-1414-SS-D 10/19/2000 0 - 1 1414SS-D(0-1) SO	200, Building 1415 L-1415-SS-A 10/19/2000 0 - 1 1415SS-A(0-1) SO	200, Building 1415 L-1415-SS-B 10/19/2000 0 - 1 1415SS-B(0-1) SO	200, Building 1415 L-1415-SS-C 10/19/2000 0 - 1 1415SS-C(0-1) SO	200, Building 1437 L-1437-SS-A 10/19/2000 0 - 1 1437SS-A(0-1) SO
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)			2.6 J			
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)						
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-1414-SS-C 10/19/2000 0 - 1 1414SS-C(0-1) SO	200, Building 1414 L-1414-SS-D 10/19/2000 0 - 1 1414SS-D(0-1) SO	200, Building 1415 L-1415-SS-A 10/19/2000 0 - 1 1415SS-A(0-1) SO	200, Building 1415 L-1415-SS-B 10/19/2000 0 - 1 1415SS-B(0-1) SO	200, Building 1415 L-1415-SS-C 10/19/2000 0 - 1 1415SS-C(0-1) SO	200, Building 1437 L-1437-SS-A 10/19/2000 0 - 1 1437SS-A(0-1) SO
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-1414-SS-C 10/19/2000 0 - 1 1414SS-C(0-1) SO	200, Building 1414 L-1414-SS-D 10/19/2000 0 - 1 1414SS-D(0-1) SO	200, Building 1415 L-1415-SS-A 10/19/2000 0 - 1 1415SS-A(0-1) SO	200, Building 1415 L-1415-SS-B 10/19/2000 0 - 1 1415SS-B(0-1) SO	200, Building 1415 L-1415-SS-C 10/19/2000 0 - 1 1415SS-C(0-1) SO	200, Building 1437 L-1437-SS-A 10/19/2000 0 - 1 1437SS-A(0-1) SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg-wetweight	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg-wetweight	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg-wetweight	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg-wetweight	(1)						
Benzene	71-43-2	mg/kg	(1)						
Benzene	71-43-2	mg/kg-wetweight	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromoform	75-25-2	mg/kg-wetweight	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg-wetweight	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg-wetweight	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg-wetweight	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg-wetweight	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg-wetweight	(1)						
Styrene	100-42-5	mg/kg	(1)						
Styrene	100-42-5	mg/kg-wetweight	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)						
Toluene	108-88-3	mg/kg	(1)						
Toluene	108-88-3	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-1414-SS-C 10/19/2000 0 - 1 1414SS-C(0-1) SO	200, Building 1414 L-1414-SS-D 10/19/2000 0 - 1 1414SS-D(0-1) SO	200, Building 1415 L-1415-SS-A 10/19/2000 0 - 1 1415SS-A(0-1) SO	200, Building 1415 L-1415-SS-B 10/19/2000 0 - 1 1415SS-B(0-1) SO	200, Building 1415 L-1415-SS-C 10/19/2000 0 - 1 1415SS-C(0-1) SO	200, Building 1437 L-1437-SS-A 10/19/2000 0 - 1 1437SS-A(0-1) SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg-wetweight	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg-wetweight	(1)						
WetChem									
% Moisture	%Moist	%	(1)	14.7	15.3	13	17.1	13.8	16.8
% Solids	%Solid	%	(1)			86.3			
pH	pH	No Unit	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-1437-SS-C 10/19/2000 0 - 1 1437SS-C(0-1) SO	200, Building 1437 L-1437-SS-D 10/19/2000 0 - 1 1437SS-D(0-1) SO	200, Building 1437 L-143-7-SS-EX1-B-1 1/7/2004 1 - 1.5 1437SS-EX1-B-1(1-1.5) SO	200, Building 1037 L-162-SB-1 11/9/2000 5 - 7 162SB-1B(5-7)-119701 SO	200, Building 1037 L-162-SB-1 11/6/2001 5 - 7 162SB-1B(5-7)-111956 SO	200, Building 1037 L-162-SB-1 11/6/2001 11 - 13 162SB-1C(11-13) SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)		< 0.25 U	< 0.5 U	< 0.25 U	< 0.5 U	< 0.5 U
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.35 U	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)				< 0.25 U		
Nitrocellulose	9004-70-0	mg/kg	(1)		< 2.2 (U)		< 2.1 (U)		
Nitroglycerin	55-63-0	mg/kg	(1)		< 0.5 U		< 0.5 U		
Nitroguanidine	556-88-7	mg/kg	(1)		< 0.25 U		< 0.25 U		
PETN	78-11-5	mg/kg	(1)		< 0.5 U		< 0.5 U		
RDX	121-82-4	mg/kg	(1)		< 0.25 U	< 0.5 U	0.24 J	< 0.5 U	< 0.5 U
Tetryl	479-45-8	mg/kg	(1)		< 0.25 U	< 0.65 U	< 0.25 U	< 0.65 U	< 0.65 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.35 U	< 0.25 U	< 0.25 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)				< 0.25 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.35 U	< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)				< 0.25 U		
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-1437-SS-C 10/19/2000 0 - 1 1437SS-C(0-1) SO (1)	200, Building 1437 L-1437-SS-D 10/19/2000 0 - 1 1437SS-D(0-1) SO (1)	200, Building 1437 L-143-7-SS-EX1-B-1 1/7/2004 1 - 1.5 1437SS-EX1-B-1(1-1.5) SO (1)	200, Building 1037 L-162-SB-1 11/9/2000 5 - 7 162SB-1B(5-7)-119701 SO (1)	200, Building 1037 L-162-SB-1 11/6/2001 5 - 7 162SB-1B(5-7)-111956 SO (1)	200, Building 1037 L-162-SB-1 11/6/2001 11 - 13 162SB-1C(11-13) SO (1)
Metals									
Aluminum	7429-90-5	mg/kg	(1)				10900 J		
Antimony	7440-36-0	mg/kg	(1)				0.55 J		
Arsenic	7440-38-2	mg/kg	(1)				8 J		
Barium	7440-39-3	mg/kg	(1)				50.2 J		
Beryllium	7440-41-7	mg/kg	(1)				0.37 J		
Cadmium	7440-43-9	mg/kg	(1)				0.17 J		
Calcium	7440-70-2	mg/kg	(1)				579 J		
Chromium	7440-47-3	mg/kg	(1)				13.8 J		
Cobalt	7440-48-4	mg/kg	(1)				12.2 J		
Copper	7440-50-8	mg/kg	(1)				29.6 J		
Iron	7439-89-6	mg/kg	(1)				22100 J		
Lead	7439-92-1	mg/kg	(1)	40.2 J		29.1	55.9 J		
Magnesium	7439-95-4	mg/kg	(1)				1450 J		
Manganese	7439-96-5	mg/kg	(1)				430 J		
Mercury	7439-97-6	mg/kg	(1)				0.03 J		
Nickel	7440-02-0	mg/kg	(1)				14.6 J		
Potassium	7440-09-7	mg/kg	(1)				1150 J		
Selenium	7782-49-2	mg/kg	(1)				0.52 J		
Silver	7440-22-4	mg/kg	(1)				< 0.53 U		
Sodium	7440-23-5	mg/kg	(1)				< 532 U		
Thallium	7440-28-0	mg/kg	(1)				< 1.1 U		
Vanadium	7440-62-2	mg/kg	(1)				24 J		
Zinc	7440-66-6	mg/kg	(1)				53.6 J		
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				< 0.73 UD		
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)				< 0.35 U		
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)				< 0.35 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)				< 0.35 U		
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)				< 0.35 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)				< 0.35 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)				< 0.35 U		
2,4-Dichlorophenol	120-83-2	mg/kg	(1)				< 0.35 U		
2,4-Dimethylphenol	105-67-9	mg/kg	(1)				< 0.35 U		
2,4-Dinitrophenol	51-28-5	mg/kg	(1)				< 1.7 U		
2-Chloronaphthalene	91-58-7	mg/kg	(1)				< 0.35 U		
2-Chlorophenol	95-57-8	mg/kg	(1)				< 0.35 U		
2-Methylnaphthalene	91-57-6	mg/kg	(1)				< 0.35 U		
2-Methylphenol	95-48-7	mg/kg	(1)				< 0.35 U		
2-Nitroaniline	88-74-4	mg/kg	(1)				< 1.7 U		
2-Nitrophenol	88-75-5	mg/kg	(1)				< 0.35 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)				< 1.7 U		
3-Nitroaniline	99-09-2	mg/kg	(1)				< 1.7 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)				< 1.7 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)				< 0.35 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)				< 0.35 U		
4-Chloroaniline	106-47-8	mg/kg	(1)				< 0.35 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)				< 0.35 U		
4-Methylphenol	106-44-5	mg/kg	(1)				< 0.35 U#		
4-Nitroaniline	100-01-6	mg/kg	(1)				< 1.7 U		
4-Nitrophenol	100-02-7	mg/kg	(1)				< 1.7 U		
Acenaphthene	83-32-9	mg/kg	(1)				< 0.35 U		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-1437-SS-C 10/19/2000 0 - 1 1437SS-C(0-1) SO	200, Building 1437 L-1437-SS-D 10/19/2000 0 - 1 1437SS-D(0-1) SO	200, Building 1437 L-143-7-SS-EX1-B-1 1/7/2004 1 - 1.5 1437SS-EX1-B-1(1-1.5) SO	200, Building 1037 L-162-SB-1 11/9/2000 5 - 7 162SB-1B(5-7)-119701 SO	200, Building 1037 L-162-SB-1 11/6/2001 5 - 7 162SB-1B(5-7)-111956 SO	200, Building 1037 L-162-SB-1 11/6/2001 11 - 13 162SB-1C(11-13) SO
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)				< 0.35 U		
Aniline	62-53-3	mg/kg	(1)				< 0.35 U		
Anthracene	120-12-7	mg/kg	(1)				< 0.35 U		
Benz(a)anthracene	56-55-3	mg/kg	(1)				< 0.35 U		
Benzo(a)pyrene	50-32-8	mg/kg	(1)				< 0.35 U		
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)				< 0.35 U		
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)				< 0.35 U		
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)				< 0.35 U		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)				< 0.35 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)				< 0.35 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)				< 0.35 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)				0.23 J		
Butylbenzyl phthalate	85-68-7	mg/kg	(1)				< 0.35 U		
Carbazole	86-74-8	mg/kg	(1)				< 0.35 U		
Chrysene	218-01-9	mg/kg	(1)				< 0.35 U		
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)				< 0.35 U		
Dibenzofuran	132-64-9	mg/kg	(1)				< 0.35 U		
Diethylphthalate	84-66-2	mg/kg	(1)				< 0.35 U		
Dimethylphthalate	131-11-3	mg/kg	(1)				< 0.35 U		
di-n-Butylphthalate	84-74-2	mg/kg	(1)				< 0.35 U		
di-n-Octylphthalate	117-84-0	mg/kg	(1)				< 0.35 U		
Diphenylamine	122-39-4	mg/kg	(1)				< 0.35 U		
Fluoranthene	206-44-0	mg/kg	(1)				< 0.35 U		
Fluorene	86-73-7	mg/kg	(1)				< 0.35 U		
Hexachlorobenzene	118-74-1	mg/kg	(1)				< 0.35 U		
Hexachlorobutadiene	87-68-3	mg/kg	(1)				< 0.35 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)				< 1.7 U		
Hexachloroethane	67-72-1	mg/kg	(1)				< 0.35 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)				< 0.35 U		
Isophorone	78-59-1	mg/kg	(1)				< 0.35 U		
Naphthalene	91-20-3	mg/kg	(1)				< 0.35 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)				< 0.35 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)				< 0.35 U		
Pentachlorophenol	87-86-5	mg/kg	(1)				< 0.35 U		
Phenanthrene	85-01-8	mg/kg	(1)				< 0.35 U		
Phenol	108-95-2	mg/kg	(1)				< 0.35 U		
Pyrene	129-00-0	mg/kg	(1)				< 0.35 U		
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				< 0.73 UD		
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				< 0.73 UD		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				< 0.73 UD		
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)				< 0.73 UD		
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)				< 0.73 UD		
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)				< 0.73 UD		
1,2-Dichloropropane	78-87-5	mg/kg	(1)				< 0.73 UD		
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-1437-SS-C 10/19/2000 0 - 1 1437SS-C(0-1) SO	200, Building 1437 L-1437-SS-D 10/19/2000 0 - 1 1437SS-D(0-1) SO	200, Building 1437 L-143-7-SS-EX1-B-1 1/7/2004 1 - 1.5 1437SS-EX1-B-1(1-1.5) SO	200, Building 1037 L-162-SB-1 11/9/2000 5 - 7 162SB-1B(5-7)-119701 SO	200, Building 1037 L-162-SB-1 11/6/2001 5 - 7 162SB-1B(5-7)-111956 SO	200, Building 1037 L-162-SB-1 11/6/2001 11 - 13 162SB-1C(11-13) SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)				< 15 UD		
2-Butanone	78-93-3	mg/kg-wetweight	(1)						
2-Hexanone	591-78-6	mg/kg	(1)				< 7.3 UD		
2-Hexanone	591-78-6	mg/kg-wetweight	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				< 7.3 UD		
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)						
Acetone	67-64-1	mg/kg	(1)				< 15 (U)D		
Acetone	67-64-1	mg/kg-wetweight	(1)						
Acetonitrile	75-05-8	mg/kg	(1)				< 29 R		
Acetonitrile	75-05-8	mg/kg-wetweight	(1)						
Benzene	71-43-2	mg/kg	(1)				< 0.73 UD		
Benzene	71-43-2	mg/kg-wetweight	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)				< 0.73 UD		
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)						
Bromoform	75-25-2	mg/kg	(1)				< 0.73 UD		
Bromoform	75-25-2	mg/kg-wetweight	(1)						
Bromomethane	74-83-9	mg/kg	(1)				< 1.5 UD		
Bromomethane	74-83-9	mg/kg-wetweight	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)				< 0.73 UD		
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)				< 0.73 UD		
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)				< 0.73 UD		
Chloroethane	75-00-3	mg/kg	(1)				< 1.5 UD		
Chloroethane	75-00-3	mg/kg-wetweight	(1)						
Chloroform	67-66-3	mg/kg	(1)				< 0.73 UD		
Chloroform	67-66-3	mg/kg-wetweight	(1)						
Chloromethane	74-87-3	mg/kg	(1)				< 1.5 UD		
Chloromethane	74-87-3	mg/kg-wetweight	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)				< 0.73 UD		
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				< 0.73 UD		
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)				< 0.73 UD		
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				< 1.5 UD		
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)				< 0.73 UD		
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)						
Methylene chloride	75-09-2	mg/kg	(1)				< 0.73 UD		
Methylene chloride	75-09-2	mg/kg-wetweight	(1)						
Styrene	100-42-5	mg/kg	(1)				< 0.73 UD		
Styrene	100-42-5	mg/kg-wetweight	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)				< 0.73 UD		
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)						
Toluene	108-88-3	mg/kg	(1)				< 0.73 UD		
Toluene	108-88-3	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)				< 0.73 UD		
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				< 0.73 UD		
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	200, Building 1437 L-1437-SS-C 10/19/2000 0 - 1 1437SS-C(0-1) SO	200, Building 1437 L-1437-SS-D 10/19/2000 0 - 1 1437SS-D(0-1) SO	200, Building 1437 L-143-7-SS-EX1-B-1 1/7/2004 1 - 1.5 1437SS-EX1-B-1(1-1.5) SO	200, Building 1037 L-162-SB-1 11/9/2000 5 - 7 162SB-1B(5-7)-119701 SO	200, Building 1037 L-162-SB-1 11/6/2001 5 - 7 162SB-1B(5-7)-111956 SO	200, Building 1037 L-162-SB-1 11/6/2001 11 - 13 162SB-1C(11-13) SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)				< 0.73 UD		
Trichloroethene	79-01-6	mg/kg-wetweight	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)				< 0.73 UD		
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)				< 1.5 UD		
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)						
Xylenes	1330-20-7	mg/kg	(1)				< 0.73 UD		
Xylenes	1330-20-7	mg/kg-wetweight	(1)						
WetChem									
% Moisture	%Moist	%	(1)		7.5		6.6		
% Solids	%Solid	%	(1)	77.3		77.1	93.9		
pH	pH	No Unit	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1037 L-162-SB-2 11/6/2001 5 - 7 162SB-2B(5-7) SO	200, Building 1030 L-B1030-SS-3 4/26/2001 2 - 3 B1030SS-3C(2-3) SO	200, Building 1037 L-B1037-SS-1 10/18/2000 0 - 1 B1037SS-1(0-1) SO	200, Building 1037 L-B1037-SS-2 10/18/2000 0 - 1 B1037SS-2(0-1) SO	200, Building 1037 L-B1037-SS-3 10/18/2000 0 - 1 B1037SS-3(0-1) SO	200, Building 1037 L-B1037-SS-4 10/18/2000 0 - 1 B1037SS-4(0-1) SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						0.03 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						< 0.012 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						< 0.01 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						< 0.011 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						< 0.047 U
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						< 0.6 U
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						0.18 J
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						0.03
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						< 0.01 U
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						< 0.047 U
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						< 0.6 U
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	0.16 J	
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	0.13 J	
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
HMX	2691-41-0	mg/kg	(1)	< 0.5 U		< 0.25 U	0.97	0.2 J	
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)	< 0.5 U		< 0.25 U	< 0.25 U	< 0.25 U	
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U		< 0.25 U	< 0.25 U	< 0.25 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						< 0.015 U
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						< 0.02 U
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						< 0.59 U
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						< 0.48 U
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						< 0.59 U
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						< 0.013 U
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						< 0.58 U
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						< 0.011 U
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						< 0.014 U
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						< 0.02 U
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						< 0.015 U
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						< 0.48 U
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						< 0.011 U
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						< 0.014 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1037 L-162-SB-2 11/6/2001 5 - 7 162SB-2B(5-7) SO	200, Building 1030 L-B1030-SS-3 4/26/2001 2 - 3 B1030SS-3C(2-3) SO	200, Building 1037 L-B1037-SS-1 10/18/2000 0 - 1 B1037SS-1(0-1) SO	200, Building 1037 L-B1037-SS-2 10/18/2000 0 - 1 B1037SS-2(0-1) SO	200, Building 1037 L-B1037-SS-3 10/18/2000 0 - 1 B1037SS-3(0-1) SO	200, Building 1037 L-B1037-SS-4 10/18/2000 0 - 1 B1037SS-4(0-1) SO
Metals									
Aluminum	7429-90-5	mg/kg	(1)			12900	6710	9830	
Antimony	7440-36-0	mg/kg	(1)			0.89 J	1 J	0.85 J	
Arsenic	7440-38-2	mg/kg	(1)		3.4	5.4	2	3.6	
Barium	7440-39-3	mg/kg	(1)			68.9	60.5	59	
Beryllium	7440-41-7	mg/kg	(1)			0.26 J	< 0.55 U	< 0.58 U	
Cadmium	7440-43-9	mg/kg	(1)			0.51	0.12 J	< 0.23 U	
Calcium	7440-70-2	mg/kg	(1)			1020	6270	672	
Chromium	7440-47-3	mg/kg	(1)			13.5	43.2	15.3	
Cobalt	7440-48-4	mg/kg	(1)			7.4	5.2 J	6.1	
Copper	7440-50-8	mg/kg	(1)			19.8	22.9	15.1	
Iron	7439-89-6	mg/kg	(1)			20800	12900	22100	
Lead	7439-92-1	mg/kg	(1)			52.2 J	199 J	37.4 J	
Magnesium	7439-95-4	mg/kg	(1)			1720	3500	1620	
Manganese	7439-96-5	mg/kg	(1)			< 1.9 R	< 1.7 R	< 1.7 R	
Mercury	7439-97-6	mg/kg	(1)			0.19	0.03 J	0.13	
Nickel	7440-02-0	mg/kg	(1)			12.2	23.1	7.4	
Potassium	7440-09-7	mg/kg	(1)			715	797	910	
Selenium	7782-49-2	mg/kg	(1)			0.97	< 0.55 U	0.71	
Silver	7440-22-4	mg/kg	(1)			< 0.63 U	3.8	0.72	
Sodium	7440-23-5	mg/kg	(1)			< 628 U	89.2 J	< 576 U	
Thallium	7440-28-0	mg/kg	(1)			< 1.3 U	< 1.1 U	< 1.2 U	
Vanadium	7440-62-2	mg/kg	(1)			27	21.6	24.4	
Zinc	7440-66-6	mg/kg	(1)			76.8 J	60 J	30.2 J	
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1037 / L-162-SB-2 / 11/6/2001 / 5 - 7 / 162SB-2B(5-7) / SO /	200, Building 1030 / L-B1030-SS-3 / 4/26/2001 / 2 - 3 / B1030SS-3C(2-3) / SO /	200, Building 1037 / L-B1037-SS-1 / 10/18/2000 / 0 - 1 / B1037SS-1(0-1) / SO /	200, Building 1037 / L-B1037-SS-2 / 10/18/2000 / 0 - 1 / B1037SS-2(0-1) / SO /	200, Building 1037 / L-B1037-SS-3 / 10/18/2000 / 0 - 1 / B1037SS-3(0-1) / SO /	200, Building 1037 / L-B1037-SS-4 / 10/18/2000 / 0 - 1 / B1037SS-4(0-1) / SO /
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1037 / L-162-SB-2 / 11/6/2001 / 5 - 7 / 162SB-2B(5-7) / SO /	200, Building 1030 / L-B1030-SS-3 / 4/26/2001 / 2 - 3 / B1030SS-3C(2-3) / SO /	200, Building 1037 / L-B1037-SS-1 / 10/18/2000 / 0 - 1 / B1037SS-1(0-1) / SO /	200, Building 1037 / L-B1037-SS-2 / 10/18/2000 / 0 - 1 / B1037SS-2(0-1) / SO /	200, Building 1037 / L-B1037-SS-3 / 10/18/2000 / 0 - 1 / B1037SS-3(0-1) / SO /	200, Building 1037 / L-B1037-SS-4 / 10/18/2000 / 0 - 1 / B1037SS-4(0-1) / SO /
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg-wetweight	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg-wetweight	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg-wetweight	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg-wetweight	(1)						
Benzene	71-43-2	mg/kg	(1)						
Benzene	71-43-2	mg/kg-wetweight	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromoform	75-25-2	mg/kg-wetweight	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg-wetweight	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg-wetweight	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg-wetweight	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg-wetweight	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg-wetweight	(1)						
Styrene	100-42-5	mg/kg	(1)						
Styrene	100-42-5	mg/kg-wetweight	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)						
Toluene	108-88-3	mg/kg	(1)						
Toluene	108-88-3	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1037 L-162-SB-2 11/6/2001 5 - 7 162SB-2B(5-7) SO	200, Building 1030 L-B1030-SS-3 4/26/2001 2 - 3 B1030SS-3C(2-3) SO	200, Building 1037 L-B1037-SS-1 10/18/2000 0 - 1 B1037SS-1(0-1) SO	200, Building 1037 L-B1037-SS-2 10/18/2000 0 - 1 B1037SS-2(0-1) SO	200, Building 1037 L-B1037-SS-3 10/18/2000 0 - 1 B1037SS-3(0-1) SO	200, Building 1037 L-B1037-SS-4 10/18/2000 0 - 1 B1037SS-4(0-1) SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg-wetweight	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg-wetweight	(1)						
WetChem									
% Moisture	%Moist	%	(1)						13.3
% Solids	%Solid	%	(1)		85.2	79.6	90.1	86.8	
pH	pH	No Unit	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1038 L-B1038-SB-1 11/6/2001 5 - 7 B1038SB-1(5-7) SO	200, Building 1038 L-B1038-SB-2 11/6/2001 5 - 7 B1038SB-2(5-7) SO	200, Building 1038 L-B1038-SB-3 11/8/2001 2.5 - 3 B1038SB-3(2.5-3) SO	200, Building 1090 L-B1090-SB-1 5/30/2001 8 - 10 B1090SB-1B(8-10) SO	200, Building 1090 L-B1090-SB-1 6/1/2001 0 - 1 B1090SB-1A(0-1) SO	200, Building 1414A L-B1414A-SS-1 10/19/2000 0 - 1 B1414ASS-1A(0-1) SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)				< 0.25 U	< 0.25 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)				< 0.25 U	< 0.25 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)				< 0.25 U	< 0.25 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)				< 0.25 U	< 0.25 U	
2-Nitrotoluene	88-72-2	mg/kg	(1)				< 0.25 U	< 0.25 U	
3-Nitrotoluene	99-08-1	mg/kg	(1)				< 0.25 U	< 0.25 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)				< 0.25 U	< 0.25 U	
4-Nitrotoluene	99-99-0	mg/kg	(1)				< 0.25 U	< 0.25 U	
HMX	2691-41-0	mg/kg	(1)				< 0.5 U	< 0.5 U	
Nitrobenzene	98-95-3	mg/kg	(1)				< 0.25 U	< 0.25 U	
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)				< 0.5 U	< 0.5 U	
Tetryl	479-45-8	mg/kg	(1)				< 0.65 U	< 0.65 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)				< 0.25 U	< 0.25 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)				< 0.25 U	< 0.25 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	ValueNo	Site Name: 200, Building 1038 Location ID: L-B1038-SB-1 Sample Date: 11/6/2001 Depth Interval: 5 - 7 Sample ID: B1038SB-1(5-7) Sample Matrix: SO	Site Name: 200, Building 1038 Location ID: L-B1038-SB-2 Sample Date: 11/6/2001 Depth Interval: 5 - 7 Sample ID: B1038SB-2(5-7) Sample Matrix: SO	Site Name: 200, Building 1038 Location ID: L-B1038-SB-3 Sample Date: 11/8/2001 Depth Interval: 2.5 - 3 Sample ID: B1038SB-3(2.5-3) Sample Matrix: SO	Site Name: 200, Building 1090 Location ID: L-B1090-SB-1 Sample Date: 5/30/2001 Depth Interval: 8 - 10 Sample ID: B1090SB-1B(8-10) Sample Matrix: SO	Site Name: 200, Building 1090 Location ID: L-B1090-SB-1 Sample Date: 6/1/2001 Depth Interval: 0 - 1 Sample ID: B1090SB-1A(0-1) Sample Matrix: SO	Site Name: 200, Building 1414A Location ID: L-B1414A-SS-1 Sample Date: 10/19/2000 Depth Interval: 0 - 1 Sample ID: B1414ASS-1A(0-1) Sample Matrix: SO
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)						
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)						
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						< 0.4 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1038 L-B1038-SB-1 11/6/2001 5 - 7 B1038SB-1(5-7) SO	200, Building 1038 L-B1038-SB-2 11/6/2001 5 - 7 B1038SB-2(5-7) SO	200, Building 1038 L-B1038-SB-3 11/8/2001 2.5 - 3 B1038SB-3(2.5-3) SO	200, Building 1090 L-B1090-SB-1 5/30/2001 8 - 10 B1090SB-1B(8-10) SO	200, Building 1090 L-B1090-SB-1 6/1/2001 0 - 1 B1090SB-1A(0-1) SO	200, Building 1414A L-B1414A-SS-1 10/19/2000 0 - 1 B1414ASS-1A(0-1) SO
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)						< 0.4 U
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						< 0.4 U
Benz(a)anthracene	56-55-3	mg/kg	(1)						< 0.4 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)						< 0.4 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						< 0.4 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						< 0.4 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						< 0.4 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						< 0.4 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						< 0.4 U
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						< 0.4 U
Fluorene	86-73-7	mg/kg	(1)						< 0.4 U
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						< 0.4 U
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						< 0.4 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						< 0.4 U
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						< 0.4 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)	< 0.52 (U)	< 0.52 U	< 0.52 U			
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1038 L-B1038-SB-1 11/6/2001 5 - 7 B1038SB-1(5-7) SO	200, Building 1038 L-B1038-SB-2 11/6/2001 5 - 7 B1038SB-2(5-7) SO	200, Building 1038 L-B1038-SB-3 11/8/2001 2.5 - 3 B1038SB-3(2.5-3) SO	200, Building 1090 L-B1090-SB-1 5/30/2001 8 - 10 B1090SB-1B(8-10) SO	200, Building 1090 L-B1090-SB-1 6/1/2001 0 - 1 B1090SB-1A(0-1) SO	200, Building 1414A L-B1414A-SS-1 10/19/2000 0 - 1 B1414ASS-1A(0-1) SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg-wetweight	(1)	< 10 U	< 10 U	< 10 (U)J			
2-Hexanone	591-78-6	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg-wetweight	(1)	< 5.2 U	< 5.2 U	< 5.2 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)	< 5.2 U	< 5.2 U	< 5.2 U			
Acetone	67-64-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg-wetweight	(1)	< 10 (U)J	< 10 (U)J	< 10 (U)J			
Acetonitrile	75-05-8	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg-wetweight	(1)	< 21 R	< 21 R	< 21 R			
Benzene	71-43-2	mg/kg	(1)						
Benzene	71-43-2	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Bromoform	75-25-2	mg/kg	(1)						
Bromoform	75-25-2	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Bromomethane	74-83-9	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg-wetweight	(1)	< 1 UJ	< 1 UJ	< 1 UJ			
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg-wetweight	(1)	< 1 UJ	< 1 UJ	< 1 UJ			
Chloroform	67-66-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Chloromethane	74-87-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg-wetweight	(1)	< 1 UJ	< 1 UJ	< 1 UJ			
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)	< 1 UJ	< 1 UJ	< 1 UJ			
Ethyl benzene	100-41-4	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Methylene chloride	75-09-2	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Styrene	100-42-5	mg/kg	(1)						
Styrene	100-42-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Tetrachloroethene	127-18-4	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Toluene	108-88-3	mg/kg	(1)						
Toluene	108-88-3	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	200, Building 1038 L-B1038-SB-1 11/6/2001 5 - 7 B1038SB-1(5-7) SO	200, Building 1038 L-B1038-SB-2 11/6/2001 5 - 7 B1038SB-2(5-7) SO	200, Building 1038 L-B1038-SB-3 11/8/2001 2.5 - 3 B1038SB-3(2.5-3) SO	200, Building 1090 L-B1090-SB-1 5/30/2001 8 - 10 B1090SB-1B(8-10) SO	200, Building 1090 L-B1090-SB-1 6/1/2001 0 - 1 B1090SB-1A(0-1) SO	200, Building 1414A L-B1414A-SS-1 10/19/2000 0 - 1 B1414ASS-1A(0-1) SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	0.04 J			
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
Vinyl chloride	75-01-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)	< 1 U	< 1 U	< 1 U			
Xylenes	1330-20-7	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg-wetweight	(1)	< 0.52 U	< 0.52 U	< 0.52 U			
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)						82.7
pH	pH	No Unit	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414A / L-B1414A-SS-2 / 10/19/2000 / 0 - 1 / B1414ASS-2A(0-1) / SO	200, Building 1414A / L-B1414A-SS-3 / 10/19/2000 / 0 - 1 / B1414ASS-3A(0-1) / SO	200, Building 1414A / L-B1414A-SS-4 / 10/19/2000 / 1 - 2 / B1414ASS-4B(1-2) / SO	200, Building 1414 / L-B1414-SS-1 / 10/18/2000 / 0 - 1 / B1414SS-1(0-1) / SO	200, Building 1414 / L-B1414-SS-2 / 10/18/2000 / 0 - 1 / B1414SS-2(0-1) / SO	200, Building 1414 / L-B1414-SS-3 / 10/18/2000 / 0 - 1 / B1414SS-3(0-1) / SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	ValueNo	Site Name: 200, Building 1414A Location ID: L-B1414A-SS-2 Sample Date: 10/19/2000 Depth Interval: 0 - 1 Sample ID: B1414ASS-2A(0-1) Sample Matrix: SO	Site Name: 200, Building 1414A Location ID: L-B1414A-SS-3 Sample Date: 10/19/2000 Depth Interval: 0 - 1 Sample ID: B1414ASS-3A(0-1) Sample Matrix: SO	Site Name: 200, Building 1414A Location ID: L-B1414A-SS-4 Sample Date: 10/19/2000 Depth Interval: 1 - 2 Sample ID: B1414ASS-4B(1-2) Sample Matrix: SO	Site Name: 200, Building 1414 Location ID: L-B1414-SS-1 Sample Date: 10/18/2000 Depth Interval: 0 - 1 Sample ID: B1414SS-1(0-1) Sample Matrix: SO	Site Name: 200, Building 1414 Location ID: L-B1414-SS-2 Sample Date: 10/18/2000 Depth Interval: 0 - 1 Sample ID: B1414SS-2(0-1) Sample Matrix: SO	Site Name: 200, Building 1414 Location ID: L-B1414-SS-3 Sample Date: 10/18/2000 Depth Interval: 0 - 1 Sample ID: B1414SS-3(0-1) Sample Matrix: SO
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)						
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)				46.2	8.8	6.3
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)	< 0.4 U	< 0.39 U	< 0.39 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414A L-B1414A-SS-2 10/19/2000 0 - 1 B1414ASS-2A(0-1) SO	200, Building 1414A L-B1414A-SS-3 10/19/2000 0 - 1 B1414ASS-3A(0-1) SO	200, Building 1414A L-B1414A-SS-4 10/19/2000 1 - 2 B1414ASS-4B(1-2) SO	200, Building 1414 L-B1414-SS-1 10/18/2000 0 - 1 B1414SS-1(0-1) SO	200, Building 1414 L-B1414-SS-2 10/18/2000 0 - 1 B1414SS-2(0-1) SO	200, Building 1414 L-B1414-SS-3 10/18/2000 0 - 1 B1414SS-3(0-1) SO
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.4 U	< 0.39 U	< 0.39 U			
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)	< 0.4 U	< 0.39 U	< 0.39 U			
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.16 J	< 0.39 U	0.24 J			
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.22 J	< 0.39 U	0.33 J			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.3 J	< 0.39 U	0.44			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.14 J	< 0.39 U	0.19 J			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.12 J	< 0.39 U	0.15 J			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)	0.22 J	< 0.39 U	0.27 J			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.4 U	< 0.39 U	< 0.39 U			
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)	0.3 J	< 0.39 U	0.36 J			
Fluorene	86-73-7	mg/kg	(1)	< 0.4 U	< 0.39 U	< 0.39 U			
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.13 J	< 0.39 U	0.16 J			
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)	< 0.4 U	< 0.39 U	< 0.39 U			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)	0.12 J	< 0.39 U	0.14 J			
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)	0.31 J	< 0.39 U	0.38 J			
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name	200, Building 1414A	200, Building 1414A	200, Building 1414A	200, Building 1414	200, Building 1414	200, Building 1414
			Location ID	L-B1414A-SS-2	L-B1414A-SS-3	L-B1414A-SS-4	L-B1414-SS-1	L-B1414-SS-2	L-B1414-SS-3
			Sample Date	10/19/2000	10/19/2000	10/19/2000	10/18/2000	10/18/2000	10/18/2000
			Depth Interval	0 - 1	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1
			Sample ID	B1414ASS-2A(0-1)	B1414ASS-3A(0-1)	B1414ASS-4B(1-2)	B1414SS-1(0-1)	B1414SS-2(0-1)	B1414SS-3(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg-wetweight	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg-wetweight	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg-wetweight	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg-wetweight	(1)						
Benzene	71-43-2	mg/kg	(1)						
Benzene	71-43-2	mg/kg-wetweight	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromoform	75-25-2	mg/kg-wetweight	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg-wetweight	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg-wetweight	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg-wetweight	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg-wetweight	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg-wetweight	(1)						
Styrene	100-42-5	mg/kg	(1)						
Styrene	100-42-5	mg/kg-wetweight	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)						
Toluene	108-88-3	mg/kg	(1)						
Toluene	108-88-3	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414A L-B1414A-SS-2 10/19/2000 0 - 1 B1414ASS-2A(0-1) SO	200, Building 1414A L-B1414A-SS-3 10/19/2000 0 - 1 B1414ASS-3A(0-1) SO	200, Building 1414A L-B1414A-SS-4 10/19/2000 1 - 2 B1414ASS-4B(1-2) SO	200, Building 1414 L-B1414-SS-1 10/18/2000 0 - 1 B1414SS-1(0-1) SO	200, Building 1414 L-B1414-SS-2 10/18/2000 0 - 1 B1414SS-2(0-1) SO	200, Building 1414 L-B1414-SS-3 10/18/2000 0 - 1 B1414SS-3(0-1) SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg-wetweight	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg-wetweight	(1)						
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	82.1	83.9	85.2	86.2	85.2	84.8
pH	pH	No Unit	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-B1414-SS-4 10/18/2000 1 - 2 B1414SS-4(1-2) SO	200, Building 1414 L-B1414-SS-5 10/18/2000 1 - 2 B1414SS-5(1-2) SO	200, Building 1415 L-B1415-SS-1 10/19/2000 0 - 1 B1415SS-1A(0-1) SO	200, Building 1415 L-B1415-SS-2 10/19/2000 0 - 1 B1415SS-2A(0-1) SO	200, Building 1415 L-B1415-SS-3 10/19/2000 0 - 1 B1415SS-3A(0-1) SO	200, Building 1415 L-B1415-SS-4 10/19/2000 1 - 2 B1415SS-4B(1-2) SO
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-B1414-SS-4 10/18/2000 1 - 2 B1414SS-4(1-2) SO	200, Building 1414 L-B1414-SS-5 10/18/2000 1 - 2 B1414SS-5(1-2) SO	200, Building 1415 L-B1415-SS-1 10/19/2000 0 - 1 B1415SS-1A(0-1) SO	200, Building 1415 L-B1415-SS-2 10/19/2000 0 - 1 B1415SS-2A(0-1) SO	200, Building 1415 L-B1415-SS-3 10/19/2000 0 - 1 B1415SS-3A(0-1) SO	200, Building 1415 L-B1415-SS-4 10/19/2000 1 - 2 B1415SS-4B(1-2) SO
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)		4.6	3.6 J	9 J	3.2 J	2.6 J
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)	5.5					
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-B1414-SS-4 10/18/2000 1 - 2 B1414SS-4(1-2) SO	200, Building 1414 L-B1414-SS-5 10/18/2000 1 - 2 B1414SS-5(1-2) SO	200, Building 1415 L-B1415-SS-1 10/19/2000 0 - 1 B1415SS-1A(0-1) SO	200, Building 1415 L-B1415-SS-2 10/19/2000 0 - 1 B1415SS-2A(0-1) SO	200, Building 1415 L-B1415-SS-3 10/19/2000 0 - 1 B1415SS-3A(0-1) SO	200, Building 1415 L-B1415-SS-4 10/19/2000 1 - 2 B1415SS-4B(1-2) SO
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1414 L-B1414-SS-4 10/18/2000 1 - 2 B1414SS-4(1-2) SO	200, Building 1414 L-B1414-SS-5 10/18/2000 1 - 2 B1414SS-5(1-2) SO	200, Building 1415 L-B1415-SS-1 10/19/2000 0 - 1 B1415SS-1A(0-1) SO	200, Building 1415 L-B1415-SS-2 10/19/2000 0 - 1 B1415SS-2A(0-1) SO	200, Building 1415 L-B1415-SS-3 10/19/2000 0 - 1 B1415SS-3A(0-1) SO	200, Building 1415 L-B1415-SS-4 10/19/2000 1 - 2 B1415SS-4B(1-2) SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg-wetweight	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg-wetweight	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg-wetweight	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg-wetweight	(1)						
Benzene	71-43-2	mg/kg	(1)						
Benzene	71-43-2	mg/kg-wetweight	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromoform	75-25-2	mg/kg-wetweight	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg-wetweight	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg-wetweight	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg-wetweight	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg-wetweight	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg-wetweight	(1)						
Styrene	100-42-5	mg/kg	(1)						
Styrene	100-42-5	mg/kg-wetweight	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)						
Toluene	108-88-3	mg/kg	(1)						
Toluene	108-88-3	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)						

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	200, Building 1414 L-B1414-SS-4 10/18/2000 1 - 2 B1414SS-4(1-2) SO	200, Building 1414 L-B1414-SS-5 10/18/2000 1 - 2 B1414SS-5(1-2) SO	200, Building 1415 L-B1415-SS-1 10/19/2000 0 - 1 B1415SS-1A(0-1) SO	200, Building 1415 L-B1415-SS-2 10/19/2000 0 - 1 B1415SS-2A(0-1) SO	200, Building 1415 L-B1415-SS-3 10/19/2000 0 - 1 B1415SS-3A(0-1) SO	200, Building 1415 L-B1415-SS-4 10/19/2000 1 - 2 B1415SS-4B(1-2) SO
VOC (continued)									
Trichloroethene	79-01-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg-wetweight	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg-wetweight	(1)						
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	85.9	86.8	86.2	84.9	86.3	88.1
pH	pH	No Unit	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-B1437-MW-1 11/7/2000 0 - 2 B1437MW-1A(0-2) SO	200, Building 1437 L-B1437-MW-1 11/7/2000 5 - 7 B1437MW-1B(5-7) SO	200, Building 1437 L-B1437-SS-1 10/19/2000 0 - 1 B1437SS-1A(0-1) SO	200, Building 1437 L-B1437-SS-2 10/19/2000 0 - 1 B1437SS-2A(0-1) SO	200, Building 1437 L-B1437-SS-3 10/19/2000 1 - 2 B1437SS-3B(1-2) SO
Dioxins								
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)					
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)					
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)					
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)					
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)					
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)					
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)					
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)					
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)					
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	0.22 J			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U			
HMX	2691-41-0	mg/kg	(1)	< 0.25 U	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
Nitrobenzene	98-95-3	mg/kg	(2)	< 0.25 U	< 0.25 U			
Nitrocellulose	9004-70-0	mg/kg	(1)	< 2.3 (U)	< 2.4 (U)			
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.5 U	< 0.5 U			
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.25 U	< 0.25 U			
PETN	78-11-5	mg/kg	(1)	< 0.5 U	< 0.5 U			
RDX	121-82-4	mg/kg	(1)	< 0.25 U	< 0.25 U			
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U	< 0.25 U			
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.25 U	< 0.25 U			
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.38 U	< 0.38 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.38 U	< 0.25 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.25 U	< 0.38 U			
Furans								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)					
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)					
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)					
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)					
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)					
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)					
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)					
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)					
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)					
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)					
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)					
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)					
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-B1437-MW-1 11/7/2000 0 - 2 B1437MW-1A(0-2) SO	200, Building 1437 L-B1437-MW-1 11/7/2000 5 - 7 B1437MW-1B(5-7) SO	200, Building 1437 L-B1437-SS-1 10/19/2000 0 - 1 B1437SS-1A(0-1) SO	200, Building 1437 L-B1437-SS-2 10/19/2000 0 - 1 B1437SS-2A(0-1) SO	200, Building 1437 L-B1437-SS-3 10/19/2000 1 - 2 B1437SS-3B(1-2) SO
Metals								
Aluminum	7429-90-5	mg/kg	(1)	11700 J	21100 JD			
Antimony	7440-36-0	mg/kg	(1)	< 1.1 UJ	< 2.3 UJD			
Arsenic	7440-38-2	mg/kg	(1)	4.3 J	2.5 JD			
Barium	7440-39-3	mg/kg	(1)	30.2 J	39.1 JD			
Beryllium	7440-41-7	mg/kg	(1)	< 0.57 U	1.3 JD			
Cadmium	7440-43-9	mg/kg	(1)	0.12 J	0.28 JD			
Calcium	7440-70-2	mg/kg	(1)	115 J	1160 JD			
Chromium	7440-47-3	mg/kg	(1)	14.2 J	17.9 JD			
Cobalt	7440-48-4	mg/kg	(1)	7.1 J	16.6 JD			
Copper	7440-50-8	mg/kg	(1)	11.1 J	19 JD			
Iron	7439-89-6	mg/kg	(1)	22000 J	31400 JD			
Lead	7439-92-1	mg/kg	(1)	6.3 J	2.3 JD	19.7 J	26.6 J	42.3 J
Magnesium	7439-95-4	mg/kg	(1)	1600 J	3300 JD			
Manganese	7439-96-5	mg/kg	(1)	137 J	361 JD			
Mercury	7439-97-6	mg/kg	(1)	0.02 J	0.01 J			
Nickel	7440-02-0	mg/kg	(1)	9 J	16 JD			
Potassium	7440-09-7	mg/kg	(1)	300 J	1430 JD			
Selenium	7782-49-2	mg/kg	(1)	1.1 J	< 1.2 UD			
Silver	7440-22-4	mg/kg	(1)	< 0.57 U	< 1.2 UD			
Sodium	7440-23-5	mg/kg	(1)	< 571 U	< 1170 UD			
Thallium	7440-28-0	mg/kg	(1)	< 1.1 U	< 2.3 UD			
Vanadium	7440-62-2	mg/kg	(1)	26 J	54.3 JD			
Zinc	7440-66-6	mg/kg	(1)	24.1 J	26.9 JD			
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.38 U	< 0.38 U			
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.38 U	< 0.38 U			
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.8 UJ	< 1.9 UJ			
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.38 U	< 0.38 U			
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.38 U	< 0.38 U			
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.8 U	< 1.9 U			
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.38 U	< 0.38 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.8 U	< 1.9 U			
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.8 U	< 1.9 U			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.8 U	< 1.9 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.38 U	< 0.38 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.38 U#	< 0.38 U#			
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.8 U	< 1.9 U			
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.8 U	< 1.9 U			
Acenaphthene	83-32-9	mg/kg	(1)	< 0.38 U	< 0.38 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-B1437-MW-1 11/7/2000 0 - 2 B1437MW-1A(0-2) SO	200, Building 1437 L-B1437-MW-1 11/7/2000 5 - 7 B1437MW-1B(5-7) SO	200, Building 1437 L-B1437-SS-1 10/19/2000 0 - 1 B1437SS-1A(0-1) SO	200, Building 1437 L-B1437-SS-2 10/19/2000 0 - 1 B1437SS-2A(0-1) SO	200, Building 1437 L-B1437-SS-3 10/19/2000 1 - 2 B1437SS-3B(1-2) SO
SVOC (continued)								
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.38 U	< 0.38 U			
Aniline	62-53-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
Anthracene	120-12-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.38 U	< 0.38 U			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.38 U	< 0.38 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.38 U	< 0.38 U			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.38 U	< 0.38 U			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.38 U	0.13 J			
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
Carbazole	86-74-8	mg/kg	(1)	< 0.38 U	< 0.38 U			
Chrysene	218-01-9	mg/kg	(1)	< 0.38 U	< 0.38 U			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U	< 0.38 U			
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.38 U	< 0.38 U			
Diphenylamine	122-39-4	mg/kg	(1)	< 0.38 U	< 0.38 U			
Fluoranthene	206-44-0	mg/kg	(1)	< 0.38 U	< 0.38 U			
Fluorene	86-73-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.8 U	< 1.9 U			
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.38 U	< 0.38 U			
Isophorone	78-59-1	mg/kg	(1)	< 0.38 U	< 0.38 U			
Naphthalene	91-20-3	mg/kg	(1)	< 0.38 U	< 0.38 U			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.38 U	< 0.38 U			
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.38 U	< 0.38 U			
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.38 U	< 0.38 U			
Phenanthrene	85-01-8	mg/kg	(1)	< 0.38 U	< 0.38 U			
Phenol	108-95-2	mg/kg	(1)	< 0.38 U	< 0.38 U			
Pyrene	129-00-0	mg/kg	(1)	< 0.38 U	< 0.38 U			
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)					
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	200, Building 1437 L-B1437-MW-1 11/7/2000 0 - 2 B1437MW-1A(0-2) SO	200, Building 1437 L-B1437-MW-1 11/7/2000 5 - 7 B1437MW-1B(5-7) SO	200, Building 1437 L-B1437-SS-1 10/19/2000 0 - 1 B1437SS-1A(0-1) SO	200, Building 1437 L-B1437-SS-2 10/19/2000 0 - 1 B1437SS-2A(0-1) SO	200, Building 1437 L-B1437-SS-3 10/19/2000 1 - 2 B1437SS-3B(1-2) SO
VOC (continued)								
2-Butanone	78-93-3	mg/kg	(1)	< 15 UD	< 19 UD			
2-Butanone	78-93-3	mg/kg-wetweight	(1)					
2-Hexanone	591-78-6	mg/kg	(1)	< 7.6 UD	< 9.3 UD			
2-Hexanone	591-78-6	mg/kg-wetweight	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 7.6 UD	< 9.3 UD			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)					
Acetone	67-64-1	mg/kg	(1)	< 15 (U)D	< 19 (U)D			
Acetone	67-64-1	mg/kg-wetweight	(1)					
Acetonitrile	75-05-8	mg/kg	(1)	< 31 R	< 37 R			
Acetonitrile	75-05-8	mg/kg-wetweight	(1)					
Benzene	71-43-2	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Benzene	71-43-2	mg/kg-wetweight	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)					
Bromoform	75-25-2	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Bromoform	75-25-2	mg/kg-wetweight	(1)					
Bromomethane	74-83-9	mg/kg	(1)	< 1.5 UD	< 1.9 UD			
Bromomethane	74-83-9	mg/kg-wetweight	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)					
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Chloroethane	75-00-3	mg/kg	(1)	< 1.5 UD	< 1.9 UD			
Chloroethane	75-00-3	mg/kg-wetweight	(1)					
Chloroform	67-66-3	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Chloroform	67-66-3	mg/kg-wetweight	(1)					
Chloromethane	74-87-3	mg/kg	(1)	< 1.5 UD	< 1.9 UD			
Chloromethane	74-87-3	mg/kg-wetweight	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.5 UD	< 1.9 UD			
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)					
Methylene chloride	75-09-2	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Methylene chloride	75-09-2	mg/kg-wetweight	(1)					
Styrene	100-42-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Styrene	100-42-5	mg/kg-wetweight	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)					
Toluene	108-88-3	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Toluene	108-88-3	mg/kg-wetweight	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)					

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	200, Building 1437 L-B1437-MW-1 11/7/2000 0 - 2 B1437MW-1A(0-2) SO	200, Building 1437 L-B1437-MW-1 11/7/2000 5 - 7 B1437MW-1B(5-7) SO	200, Building 1437 L-B1437-SS-1 10/19/2000 0 - 1 B1437SS-1A(0-1) SO	200, Building 1437 L-B1437-SS-2 10/19/2000 0 - 1 B1437SS-2A(0-1) SO	200, Building 1437 L-B1437-SS-3 10/19/2000 1 - 2 B1437SS-3B(1-2) SO
VOC (continued)								
Trichloroethene	79-01-6	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Trichloroethene	79-01-6	mg/kg-wetweight	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.5 UD	< 1.9 UD			
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)					
Xylenes	1330-20-7	mg/kg	(1)	< 0.76 UD	< 0.93 UD			
Xylenes	1330-20-7	mg/kg-wetweight	(1)					
WetChem								
% Moisture	%Moist	%	(1)	12	17.6			
% Solids	%Solid	%	(1)	87.5 J	85.8	83.9	87.3	86.2
pH	pH	No Unit	(1)					

Historic Analytical Results for Surface Water Samples at PICA 200/Site 200

		Site Name	200, Building 1037	200, Building 1037	200, Building 1037	200, Building 1037	200, Building 1037
		Location ID	L-161-SW-5	L-161-SW-5	L-161-SW-5	L-161-SW-6	L-161-SW-6
		Sample Date	11/29/2001	11/29/2001	11/14/2003	11/29/2001	11/14/2003
		Depth Interval					
		Sample ID	161SW-5(20011129)	161SW-5DUP(20011129)	161SW-5(20031114)	161SW-6(20011129)	161SW-6(20031114)
		Sample Matrix	WS	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
HMX	2691-41-0	ug/L	< 0.5 U	< 0.5 U		< 0.5 U	
Nitrobenzene	98-95-3	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
Nitrocellulose	9004-70-0	ug/L	< 500 UJ	1100 J		< 500 UJ	
Nitroglycerin	55-63-0	ug/L	< 500 U	< 500 U		< 500 U	
RDX	121-82-4	ug/L	< 0.5 U	< 0.5 U		< 0.5 U	
Tetryl	479-45-8	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U	< 0.2 U		< 0.2 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 UJ
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 UJ
2-Hexanone	591-78-6	ug/L	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	< 10 (U)J	< 10 (U)J	< 10 (U)	< 10 (U)J	< 10 UJ
Acetonitrile	75-05-8	ug/L	< 20 R	< 20 R	< 20 R	< 20 R	< 20 R
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	75-15-0	ug/L	5	20	< 1 U	5.3	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	200, Building 1037 L-161-SW-5 11/29/2001 161SW-5(20011129) WS	200, Building 1037 L-161-SW-5 11/29/2001 161SW-5DUP(20011129) WS	200, Building 1037 L-161-SW-5 11/14/2003 161SW-5(20031114) WS	200, Building 1037 L-161-SW-6 11/29/2001 161SW-6(20011129) WS	200, Building 1037 L-161-SW-6 11/14/2003 161SW-6(20031114) WS
VOC (continued)							
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	< 50 R	< 50 R		< 50 R	
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	0.97 J	0.96 J	1.3	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 2 U	0.42 J	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

			Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 430
			Location ID	F-104-MW-1	F-104-MW-1	F-104-MW-1	F-B430-PZ-1
			Sample Date	7/21/1999	9/21/2000	11/20/2003	12/4/2001
			Depth Interval	10 - 20	10 - 20	10 - 20	0 - 4
			Sample ID	104MW-1(19990721)	104MW-1(20000921)	104MW-1(20031120)	B430PZ-1(20011204)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U	< 0.3 U	< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.2 U	< 0.1 U	< 0.2 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.2 U	< 0.1 U	< 0.2 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 U	< 0.1 U	< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U	< 1 U	< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U	< 1 U	< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 U	< 0.1 U	< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U	< 1 U	< 0.2 U	< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 0.5 U	< 1 U	0.11 J	< 0.5 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 1 U	< 0.2 U	< 0.2 U
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U	< 500 U		1500
Nitroglycerin	55-63-0	ug/L	(1)	< 2.5 U	< 0.65 U		
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U	< 20 U		
PETN	78-11-5	ug/L	(1)	< 2.5 U	< 1 U		
RDX	121-82-4	ug/L	(1)	1.1	0.78 J	0.72	< 0.5 U
Tetryl	479-45-8	ug/L	(1)	< 0.2 U	< 1 U	< 0.2 U	< 0.2 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.2 U	< 0.1 U	< 0.2 U	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.2 U	< 0.3 U	< 0.2 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)	< 200 R	< 92 U		3000
Aluminum	7429-90-5	ug/L	(2)				
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 10 U		< 10 U
Antimony	7440-36-0	ug/L	(2)				
Arsenic	7440-38-2	ug/L	(1)	< 10 U	< 4.1 U		5.6
Arsenic	7440-38-2	ug/L	(2)				
Barium	7440-39-3	ug/L	(1)	29 J	28 J		240
Barium	7440-39-3	ug/L	(2)				
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 2 U		< 2 U
Beryllium	7440-41-7	ug/L	(2)				
Cadmium	7440-43-9	ug/L	(1)	< 5 U	< 2 U		0.43 J
Cadmium	7440-43-9	ug/L	(2)				
Calcium	7440-70-2	ug/L	(1)	48300	48900		11200 J
Calcium	7440-70-2	ug/L	(2)				
Chromium	7440-47-3	ug/L	(1)	< 10 U	< 10 U		5.2 J
Chromium	7440-47-3	ug/L	(2)				
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U		13 J
Cobalt	7440-48-4	ug/L	(2)				
Copper	7440-50-8	ug/L	(1)	< 25 U	< 9 U		60
Copper	7440-50-8	ug/L	(2)				
Iron	7439-89-6	ug/L	(1)	130	< 100 U		9000
Iron	7439-89-6	ug/L	(2)				
Lead	7439-92-1	ug/L	(1)	< 3 U	< 3 U		32
Lead	7439-92-1	ug/L	(2)				
Magnesium	7439-95-4	ug/L	(1)	11100	10400		3100 J
Magnesium	7439-95-4	ug/L	(2)				
Manganese	7439-96-5	ug/L	(1)	21	1.9 J		690 J
Manganese	7439-96-5	ug/L	(2)				
Mercury	7439-97-6	ug/L	(1)	< 0.2 U	< 0.2 U		0.49
Mercury	7439-97-6	ug/L	(2)				
Nickel	7440-02-0	ug/L	(1)	< 40 U	2.4 J		19 J
Nickel	7440-02-0	ug/L	(2)				
Potassium	7440-09-7	ug/L	(1)	2500 J	2300 J		1400 J
Potassium	7440-09-7	ug/L	(2)				
Selenium	7782-49-2	ug/L	(1)	3.9 J	< 5 U		< 5 U
Selenium	7782-49-2	ug/L	(2)				
Silver	7440-22-4	ug/L	(1)	< 10 U	< 4 U		< 4 U
Silver	7440-22-4	ug/L	(2)				
Sodium	7440-23-5	ug/L	(1)	101000	98200		18000 J
Sodium	7440-23-5	ug/L	(2)				
Thallium	7440-28-0	ug/L	(1)	< 10 U	< 1.7 U		< 1 U
Thallium	7440-28-0	ug/L	(2)				
Vanadium	7440-62-2	ug/L	(1)	< 50 U	< 50 U		7 J
Vanadium	7440-62-2	ug/L	(2)				
Zinc	7440-66-6	ug/L	(1)	< 20 U	< 20 U		100 J
Zinc	7440-66-6	ug/L	(2)				
Other							
1,4-Oxathiane	15980-15-1	ug/L	(1)				
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)				
Dimethylmethylphosphonate	756-79-6	ug/L	(1)				
Dithiane	51330-42-8	ug/L	(1)				

			Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 430
			Location ID	F-104-MW-1	F-104-MW-1	F-104-MW-1	F-B430-PZ-1
			Sample Date	7/21/1999	9/21/2000	11/20/2003	12/4/2001
			Depth Interval	10 - 20	10 - 20	10 - 20	0 - 4
			Sample ID	104MW-1(19990721)	104MW-1(20000921)	104MW-1(20031120)	B430PZ-1(20011204)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)				
4,4'-DDE	72-55-9	ug/L	(1)				
4,4'-DDT	50-29-3	ug/L	(1)				
Aldrin	309-00-2	ug/L	(1)				
alpha-BHC	319-84-6	ug/L	(1)				
Atrazine	1912-24-9	ug/L	(1)				
beta-BHC	319-85-7	ug/L	(1)				
Bromacil	314-40-9	ug/L	(1)				
Chlordane	57-74-9	ug/L	(1)				
Dieldrin	60-57-1	ug/L	(1)				
Endosulfan I	959-98-8	ug/L	(1)				
Endosulfan II	33213-65-9	ug/L	(1)				
Endosulfan sulfate	1031-07-8	ug/L	(1)				
Endrin	72-20-8	ug/L	(1)				
Endrin aldehyde	7421-93-4	ug/L	(1)				
gamma-BHC (Lindane)	58-89-9	ug/L	(1)				
Heptachlor	76-44-8	ug/L	(1)				
Heptachlor epoxide	1024-57-3	ug/L	(1)				
Isodrin	465-73-6	ug/L	(1)				
Malathion	121-75-5	ug/L	(1)				
Methoxychlor	72-43-5	ug/L	(1)				
Mirex	2385-85-5	ug/L	(1)				
Parathion	56-38-2	ug/L	(1)				
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)				
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)				
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)				
Supona	470-90-6	ug/L	(1)				
Vapona	62-73-7	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(2)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2,6-Dinitroaniline	606-22-4	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3,5-Dinitroaniline	618-87-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
Benzyl alcohol	100-51-6	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				

			Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 430
			Location ID	F-104-MW-1	F-104-MW-1	F-104-MW-1	F-B430-PZ-1
			Sample Date	7/21/1999	9/21/2000	11/20/2003	12/4/2001
			Depth Interval	10 - 20	10 - 20	10 - 20	0 - 4
			Sample ID	104MW-1(19990721)	104MW-1(20000921)	104MW-1(20031120)	B430PZ-1(20011204)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Dichlorobenzenes	25321-22-6	ug/L	(1)				
Dicyclopentadiene	77-73-6	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
N-Nitrosodimethylamine	62-75-9	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	0.22 J	0.85 J	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	0.38 J	0.3 J	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)				
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 (U)	< 1 U	< 1 U	
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)				
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
1,3-Dichloropropane	142-28-9	ug/L	(1)				
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)				
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 R	< 10 U	
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)				
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 UJ	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 10 U	< 5 UJ	< 5 U	
Acetone	67-64-1	ug/L	(1)	< 10 U	< 10 R	< 10 U	
Acetonitrile	75-05-8	ug/L	(1)	< 20 U	< 20 R	< 20 U	
Acrylonitrile	107-13-1	ug/L	(1)				
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 (U)	< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Chloroform	67-66-3	ug/L	(1)	0.64 J	0.15 J	< 1 U	
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	0.14 J	0.11 J	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Dibromochloropropane	96-12-8	ug/L	(1)				
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 UJ	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 1 (U)	< 1 U	< 1 U	
m-Xylenes	108-38-3	ug/L	(1)				
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	5.9	5.5 J	6.1	
Trichlorofluoromethane	75-69-4	ug/L	(1)	0.26 J	< 2 U	< 2 U	
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	
We Cyanide	57-12-5	ug/L	(1)				

			Site Name	209, Building 462A	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303
			Location ID	F-B462-MW-1	F-FB303HP-1	F-FB303HP-2	F-FB303-MW-1
			Sample Date	12/27/2000	10/30/2000	10/31/2000	12/27/2000
			Depth Interval	15 - 25	18 - 21	19 - 20.5	15 - 25
			Sample ID	B462MW-1(20001227)	FB303HP-1(20001030)	FB303HP-2(20001031)	FB303MW-1(20001227)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.2 U			
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.2 U			
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	0.04 J			
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.2 U			
2-Nitrotoluene	88-72-2	ug/L	(1)	< 0.2 U			
3-Nitrotoluene	99-08-1	ug/L	(1)	< 0.2 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.2 U			
4-Nitrotoluene	99-99-0	ug/L	(1)	< 0.2 U			
HMX	2691-41-0	ug/L	(1)	< 0.5 U			
Nitrobenzene	98-95-3	ug/L	(1)	< 0.2 U	< 10 U	< 10 U	< 10 U
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U			
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U			
Nitroglycerin	55-63-0	ug/L	(1)	< 500 U			
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U			
PETN	78-11-5	ug/L	(1)	< 2.5 U			
RDX	121-82-4	ug/L	(1)	< 0.5 U			
Tetryl	479-45-8	ug/L	(1)	< 0.2 U			
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	0.13 J	< 10 U	< 10 U	< 10 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.2 U			
Metals							
Aluminum	7429-90-5	ug/L	(1)	96	7500	3600	180
Aluminum	7429-90-5	ug/L	(2)				
Antimony	7440-36-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Antimony	7440-36-0	ug/L	(2)				
Arsenic	7440-38-2	ug/L	(1)	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
Arsenic	7440-38-2	ug/L	(2)				
Barium	7440-39-3	ug/L	(1)	18 J	69 J	51 J	19 J
Barium	7440-39-3	ug/L	(2)				
Beryllium	7440-41-7	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Beryllium	7440-41-7	ug/L	(2)				
Cadmium	7440-43-9	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Cadmium	7440-43-9	ug/L	(2)				
Calcium	7440-70-2	ug/L	(1)	17800	20000	21400	16700
Calcium	7440-70-2	ug/L	(2)				
Chromium	7440-47-3	ug/L	(1)	2.9 J	5 J	2.7 J	2.5 J
Chromium	7440-47-3	ug/L	(2)				
Cobalt	7440-48-4	ug/L	(1)	< 50 U	6.6 J	3.1 J	2.4 J
Cobalt	7440-48-4	ug/L	(2)				
Copper	7440-50-8	ug/L	(1)	< 9 U	23	10	< 9 U
Copper	7440-50-8	ug/L	(2)				
Iron	7439-89-6	ug/L	(1)	190	8900	4500	200
Iron	7439-89-6	ug/L	(2)				
Lead	7439-92-1	ug/L	(1)	< 3 U	5.2	< 3 U	< 3 U
Lead	7439-92-1	ug/L	(2)				
Magnesium	7439-95-4	ug/L	(1)	4300 J	5600	4100 J	3200 J
Magnesium	7439-95-4	ug/L	(2)				
Manganese	7439-96-5	ug/L	(1)	20	280	110	18
Manganese	7439-96-5	ug/L	(2)				
Mercury	7439-97-6	ug/L	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Mercury	7439-97-6	ug/L	(2)				
Nickel	7440-02-0	ug/L	(1)	3.3 J	11 J	4.8 J	3.5 J
Nickel	7440-02-0	ug/L	(2)				
Potassium	7440-09-7	ug/L	(1)	1300 J	3500 J	3600 J	1800 J
Potassium	7440-09-7	ug/L	(2)				
Selenium	7782-49-2	ug/L	(1)	< 5 U	4.5 J	< 5 U	< 5 U
Selenium	7782-49-2	ug/L	(2)				
Silver	7440-22-4	ug/L	(1)	< 4 U	< 4 U	4.1	< 4 U
Silver	7440-22-4	ug/L	(2)				
Sodium	7440-23-5	ug/L	(1)	26300	36800	31800	26600
Sodium	7440-23-5	ug/L	(2)				
Thallium	7440-28-0	ug/L	(1)	< 1.7 U	< 1.7 UJ	< 1.7 U	< 1.7 U
Thallium	7440-28-0	ug/L	(2)				
Vanadium	7440-62-2	ug/L	(1)	< 50 U	9.1 J	4.7 J	< 50 U
Vanadium	7440-62-2	ug/L	(2)				
Zinc	7440-66-6	ug/L	(1)	< 20 U	29	21	< 20 U
Zinc	7440-66-6	ug/L	(2)				
Other							
1,4-Oxathiane	15980-15-1	ug/L	(1)				
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)				
Dimethylmethylphosphonate	756-79-6	ug/L	(1)				
Dithiane	51330-42-8	ug/L	(1)				

			Site Name	209, Building 462A	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303
			Location ID	F-B462-MW-1	F-FB303HP-1	F-FB303HP-2	F-FB303-MW-1
			Sample Date	12/27/2000	10/30/2000	10/31/2000	12/27/2000
			Depth Interval	15 - 25	18 - 21	19 - 20.5	15 - 25
			Sample ID	B462MW-1(20001227)	FB303HP-1(20001030)	FB303HP-2(20001031)	FB303MW-1(20001227)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)				
4,4'-DDE	72-55-9	ug/L	(1)				
4,4'-DDT	50-29-3	ug/L	(1)				
Aldrin	309-00-2	ug/L	(1)				
alpha-BHC	319-84-6	ug/L	(1)				
Atrazine	1912-24-9	ug/L	(1)				
beta-BHC	319-85-7	ug/L	(1)				
Bromacil	314-40-9	ug/L	(1)				
Chlordane	57-74-9	ug/L	(1)				
Dieldrin	60-57-1	ug/L	(1)				
Endosulfan I	959-98-8	ug/L	(1)				
Endosulfan II	33213-65-9	ug/L	(1)				
Endosulfan sulfate	1031-07-8	ug/L	(1)				
Endrin	72-20-8	ug/L	(1)				
Endrin aldehyde	7421-93-4	ug/L	(1)				
gamma-BHC (Lindane)	58-89-9	ug/L	(1)				
Heptachlor	76-44-8	ug/L	(1)				
Heptachlor epoxide	1024-57-3	ug/L	(1)				
Isodrin	465-73-6	ug/L	(1)				
Malathion	121-75-5	ug/L	(1)				
Methoxychlor	72-43-5	ug/L	(1)				
Mirex	2385-85-5	ug/L	(1)				
Parathion	56-38-2	ug/L	(1)				
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)				
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)				
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)				
Supona	470-90-6	ug/L	(1)				
Vapona	62-73-7	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	0.24 J	0.34 J	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 U	< 50 UJ	< 50 U	< 50 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U	< 50 UJ	< 50 U	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#	< 10 U#	< 10 U#	< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Aniline	62-53-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Anthracene	120-12-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U	< 10 U	6.3 J	< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Carbazole	86-74-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Chrysene	218-01-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U

			Site Name	209, Building 462A	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303
			Location ID	F-B462-MW-1	F-FB303HP-1	F-FB303HP-2	F-FB303-MW-1
			Sample Date	12/27/2000	10/30/2000	10/31/2000	12/27/2000
			Depth Interval	15 - 25	18 - 21	19 - 20.5	15 - 25
			Sample ID	B462MW-1(20001227)	FB303HP-1(20001030)	FB303HP-2(20001031)	FB303MW-1(20001227)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Dichlorobenzenes	25321-22-6	ug/L	(1)				
Dicyclopentadiene	77-73-6	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	4.4 J	3.7 J	< 10 U
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Fluorene	86-73-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Isophorone	78-59-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Naphthalene	91-20-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	4.4 J	3.7 J	< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Phenol	108-95-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Pyrene	129-00-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)				
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)				
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)				
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)				
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)				
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	3.4 J	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 (U)	< 10 (U)	< 10 U	< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 U	< 20 R
Acrylonitrile	107-13-1	ug/L	(1)				
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	0.59 J	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 UJ	< 2 U	< 2 U	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	1.8	0.2 J	0.24 J	0.44 J
Chloromethane	74-87-3	ug/L	(1)	< 2 U	0.36 J	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	0.39 J	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)				
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	0.26 J	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)				
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 UJ	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
We Cyanide	57-12-5	ug/L	(1)				

			Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 167
			Location ID	F-MW167-1	F-MW167-2	F-MW167-3	F-MW167-3
			Sample Date	9/21/2000	9/21/2000	9/27/2000	9/27/2000
			Depth Interval	7 - 17	8 - 18	9 - 19	9 - 19
			Sample ID	MW167-1(20000921)	MW167-2(20000921)	MW167-3(20000927)	MW167-3DUP(20000927)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
HMX	2691-41-0	ug/L	(1)	< 1 U	< 1 U	0.23 J	0.22 J
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Nitrobenzene	98-95-3	ug/L	(2)				
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U	< 500 U	< 500 U	< 500 U
Nitroglycerin	55-63-0	ug/L	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U	< 20 U	< 20 U	< 20 U
PETN	78-11-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
RDX	121-82-4	ug/L	(1)	< 0.8 U	< 0.8 U	1.3	1.2
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)				
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)				
Metals							
Aluminum	7429-90-5	ug/L	(1)	1100 J	450 J	< 92 R	< 92 R
Aluminum	7429-90-5	ug/L	(2)				
Antimony	7440-36-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Antimony	7440-36-0	ug/L	(2)				
Arsenic	7440-38-2	ug/L	(1)	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
Arsenic	7440-38-2	ug/L	(2)				
Barium	7440-39-3	ug/L	(1)	47 J	28 J	53 J	60 J
Barium	7440-39-3	ug/L	(2)				
Beryllium	7440-41-7	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Beryllium	7440-41-7	ug/L	(2)				
Cadmium	7440-43-9	ug/L	(1)	< 2 U	< 2 U	0.94 J	0.89 J
Cadmium	7440-43-9	ug/L	(2)				
Calcium	7440-70-2	ug/L	(1)	30100	77400	42300 J	40900 J
Calcium	7440-70-2	ug/L	(2)				
Chromium	7440-47-3	ug/L	(1)	24	1.6 J	7.7 J	12 J
Chromium	7440-47-3	ug/L	(2)				
Cobalt	7440-48-4	ug/L	(1)	11 J	2 J	45 J	49 J
Cobalt	7440-48-4	ug/L	(2)				
Copper	7440-50-8	ug/L	(1)	< 9 U	< 9 U	13 J	16 J
Copper	7440-50-8	ug/L	(2)				
Iron	7439-89-6	ug/L	(1)	< 100 R	< 100 R	< 100 R	< 100 R
Iron	7439-89-6	ug/L	(2)				
Lead	7439-92-1	ug/L	(1)	2.8 J	< 3 U	3.8 J	4.5 J
Lead	7439-92-1	ug/L	(2)				
Magnesium	7439-95-4	ug/L	(1)	5800	14700	11200 J	11000 J
Magnesium	7439-95-4	ug/L	(2)				
Manganese	7439-96-5	ug/L	(1)	560	24	1000 J	1100 J
Manganese	7439-96-5	ug/L	(2)				
Mercury	7439-97-6	ug/L	(1)	< 0.2 U	< 0.2 U	< 0.13 U	< 0.13 U
Mercury	7439-97-6	ug/L	(2)				
Nickel	7440-02-0	ug/L	(1)	22 J	< 40 U	14 J	15 J
Nickel	7440-02-0	ug/L	(2)				
Potassium	7440-09-7	ug/L	(1)	1600 J	1900 J	3200 J	3500 J
Potassium	7440-09-7	ug/L	(2)				
Selenium	7782-49-2	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 5 U
Selenium	7782-49-2	ug/L	(2)				
Silver	7440-22-4	ug/L	(1)	< 4 U	< 4 U	2.1 J	< 4 U
Silver	7440-22-4	ug/L	(2)				
Sodium	7440-23-5	ug/L	(1)	34200	27800	92900 J	89800 J
Sodium	7440-23-5	ug/L	(2)				
Thallium	7440-28-0	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 UJ	< 1.7 UJ
Thallium	7440-28-0	ug/L	(2)				
Vanadium	7440-62-2	ug/L	(1)	2.1 J	< 50 U	2.6 J	5.4 J
Vanadium	7440-62-2	ug/L	(2)				
Zinc	7440-66-6	ug/L	(1)	< 20 U	< 20 U	130 J	140 J
Zinc	7440-66-6	ug/L	(2)				
Other							
1,4-Oxathiane	15980-15-1	ug/L	(1)				
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)				
Dimethylmethylphosphonate	756-79-6	ug/L	(1)				
Dithiane	51330-42-8	ug/L	(1)				

			Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 167
			Location ID	F-MW167-1	F-MW167-2	F-MW167-3	F-MW167-3
			Sample Date	9/21/2000	9/21/2000	9/27/2000	9/27/2000
			Depth Interval	7 - 17	8 - 18	9 - 19	9 - 19
			Sample ID	MW167-1(20000921)	MW167-2(20000921)	MW167-3(20000927)	MW167-3DUP(20000927)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)				
4,4'-DDE	72-55-9	ug/L	(1)				
4,4'-DDT	50-29-3	ug/L	(1)				
Aldrin	309-00-2	ug/L	(1)				
alpha-BHC	319-84-6	ug/L	(1)				
Atrazine	1912-24-9	ug/L	(1)				
beta-BHC	319-85-7	ug/L	(1)				
Bromacil	314-40-9	ug/L	(1)				
Chlordane	57-74-9	ug/L	(1)				
Dieldrin	60-57-1	ug/L	(1)				
Endosulfan I	959-98-8	ug/L	(1)				
Endosulfan II	33213-65-9	ug/L	(1)				
Endosulfan sulfate	1031-07-8	ug/L	(1)				
Endrin	72-20-8	ug/L	(1)				
Endrin aldehyde	7421-93-4	ug/L	(1)				
gamma-BHC (Lindane)	58-89-9	ug/L	(1)				
Heptachlor	76-44-8	ug/L	(1)				
Heptachlor epoxide	1024-57-3	ug/L	(1)				
Isodrin	465-73-6	ug/L	(1)				
Malathion	121-75-5	ug/L	(1)				
Methoxychlor	72-43-5	ug/L	(1)				
Mirex	2385-85-5	ug/L	(1)				
Parathion	56-38-2	ug/L	(1)				
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)				
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)				
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)				
Supona	470-90-6	ug/L	(1)				
Vapona	62-73-7	ug/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 UJ	< 1 UJ	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)				
1,2-Dichlorobenzene	95-50-1	ug/L	(1)				
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(1)				
1,3-Dichlorobenzene	541-73-1	ug/L	(2)				
1,4-Dichlorobenzene	106-46-7	ug/L	(1)				
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	ug/L	(1)				
2,4-Dimethylphenol	105-67-9	ug/L	(1)				
2,4-Dinitrophenol	51-28-5	ug/L	(1)				
2,6-Dinitroaniline	606-22-4	ug/L	(1)				
2-Chloronaphthalene	91-58-7	ug/L	(1)				
2-Chlorophenol	95-57-8	ug/L	(1)				
2-Methylnaphthalene	91-57-6	ug/L	(1)				
2-Methylphenol	95-48-7	ug/L	(1)				
2-Nitroaniline	88-74-4	ug/L	(1)				
2-Nitrophenol	88-75-5	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)				
3,5-Dinitroaniline	618-87-1	ug/L	(1)				
3-Nitroaniline	99-09-2	ug/L	(1)				
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)				
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)				
4-Chloroaniline	106-47-8	ug/L	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)				
4-Methylphenol	106-44-5	ug/L	(1)				
4-Nitroaniline	100-01-6	ug/L	(1)				
4-Nitrophenol	100-02-7	ug/L	(1)				
Acenaphthene	83-32-9	ug/L	(1)				
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)				
Anthracene	120-12-7	ug/L	(1)				
Benz(a)anthracene	56-55-3	ug/L	(1)				
Benzo(a)pyrene	50-32-8	ug/L	(1)				
Benzo(b)fluoranthene	205-99-2	ug/L	(1)				
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)				
Benzo(k)fluoranthene	207-08-9	ug/L	(1)				
Benzyl alcohol	100-51-6	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)				
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)				
Butylbenzyl phthalate	85-68-7	ug/L	(1)				
Carbazole	86-74-8	ug/L	(1)				
Chrysene	218-01-9	ug/L	(1)				

			Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 167
			Location ID	F-MW167-1	F-MW167-2	F-MW167-3	F-MW167-3
			Sample Date	9/21/2000	9/21/2000	9/27/2000	9/27/2000
			Depth Interval	7 - 17	8 - 18	9 - 19	9 - 19
			Sample ID	MW167-1(20000921)	MW167-2(20000921)	MW167-3(20000927)	MW167-3DUP(20000927)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (Cont.)							
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)				
Dibenzofuran	132-64-9	ug/L	(1)				
Dichlorobenzenes	25321-22-6	ug/L	(1)				
Dicyclopentadiene	77-73-6	ug/L	(1)				
Diethylphthalate	84-66-2	ug/L	(1)				
Dimethylphthalate	131-11-3	ug/L	(1)				
di-n-Butylphthalate	84-74-2	ug/L	(1)				
di-n-Octylphthalate	117-84-0	ug/L	(1)				
Diphenylamine	122-39-4	ug/L	(1)				
Fluoranthene	206-44-0	ug/L	(1)				
Fluorene	86-73-7	ug/L	(1)				
Hexachlorobenzene	118-74-1	ug/L	(1)				
Hexachlorobutadiene	87-68-3	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)				
Hexachloroethane	67-72-1	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)				
Isophorone	78-59-1	ug/L	(1)				
Naphthalene	91-20-3	ug/L	(1)				
N-Nitrosodimethylamine	62-75-9	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)				
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)				
Pentachlorophenol	87-86-5	ug/L	(1)				
Phenanthrene	85-01-8	ug/L	(1)				
Phenol	108-95-2	ug/L	(1)				
Pyrene	129-00-0	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	6.4	< 1 U	4.1	4.2
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)				
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 UJ	< 1 UJ	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)				
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)				
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)				
2-Butanone	78-93-3	ug/L	(1)	< 10 R	< 10 R	< 10 R	< 10 R
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)				
2-Hexanone	591-78-6	ug/L	(1)	< 10 UJ	< 10 UJ	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 UJ	< 5 UJ	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 R	< 10 R	< 10 R	< 10 R
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 R	< 20 R
Acrylonitrile	107-13-1	ug/L	(1)				
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 (U)	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 U	< 2 UJ	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	0.13 J	0.19 J
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)				
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)				
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	2.8	2.9
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 (U)	< 1 (U)
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	0.25 J	< 1 UJ	6.3 J	6.4 J
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U
We Cyanide	57-12-5	ug/L	(1)				

			Site Name	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209
			Location ID	F-MW430-B	F-MW430-B	F-MW430-B	F-MW430-B	F-PW-430A
			Sample Date	5/10/1994	7/28/1994	7/16/1999	12/27/2000	11/4/1993
			Depth Interval	16 - 26	16 - 26	16 - 26	16 - 26	62 - 82
			Sample ID	430B(19940510)	430B(19940728)	MW430-B(19990716)	MW430-B(20001227)	430A(19931104)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.21 UJ	< 0.21 U	< 0.2 U		< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U	< 0.458 U	< 0.2 U		< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U	< 0.426 U	< 0.2 U		< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			< 0.2 U		
2-Nitrotoluene	88-72-2	ug/L	(1)			< 0.2 U		
3-Nitrotoluene	99-08-1	ug/L	(1)	< 2.9 U	< 2.9 U	< 0.2 U		< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			< 0.2 U		
4-Nitrotoluene	99-99-0	ug/L	(1)			< 0.2 U		
HMX	2691-41-0	ug/L	(1)	< 0.533 U	< 0.533 U	< 0.5 U		< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 3.7 U	< 3.7 U	< 0.2 U	< 10 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)	< 0.682 UJ	< 0.682 U			< 0.682 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 222 U	5000 D	< 500 U		555 B
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U	< 1.49 U	< 2.5 U		< 1.49 U
Nitroguanidine	556-88-7	ug/L	(1)			< 20 U		
PETN	78-11-5	ug/L	(1)	< 2 U	< 2 U	< 2.5 U		< 2 U
RDX	121-82-4	ug/L	(1)	< 0.416 U	< 0.416 U	< 0.5 U		1.2
Tetryl	479-45-8	ug/L	(1)	< 0.631 U	< 0.631 U	< 0.2 U		< 0.631 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 5.8 U	< 5.8 U	< 0.2 U	< 10 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 0.397 U	< 0.397 U			< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 6.7 U	< 6.7 U	< 0.2 U	< 10 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.6 U	< 0.6 U			< 6.7 U
Metals								
Aluminum	7429-90-5	ug/L	(1)	< 112 U	7170	< 200 R	34 J	< 112 U
Aluminum	7429-90-5	ug/L	(2)	6130				< 112 U
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U	< 60 U	< 10 U	< 60 U
Antimony	7440-36-0	ug/L	(2)	< 60 U				< 60 U
Arsenic	7440-38-2	ug/L	(1)	< 2.35 U	< 2.35 U	< 10 U	< 4.1 U	< 2.35 U
Arsenic	7440-38-2	ug/L	(2)	< 2.35 U				< 2.35 U
Barium	7440-39-3	ug/L	(1)	28.4	54.3	36 J	26 J	18.7
Barium	7440-39-3	ug/L	(2)	46.4				18.5
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U	< 1.12 U	< 5 U	< 2 U	< 1.12 U
Beryllium	7440-41-7	ug/L	(2)	< 1.12 U				< 1.12 U
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U	< 6.78 U	< 5 U	< 2 U	< 6.78 U
Cadmium	7440-43-9	ug/L	(2)	< 6.78 U				< 6.78 U
Calcium	7440-70-2	ug/L	(1)	18700	19200	19300	32500	16000
Calcium	7440-70-2	ug/L	(2)	18500				15700
Chromium	7440-47-3	ug/L	(1)	< 16.8 U	< 16.8 U	< 10 U	< 10 U	< 16.8 U
Chromium	7440-47-3	ug/L	(2)	< 16.8 U				< 16.8 U
Cobalt	7440-48-4	ug/L	(1)	< 25 U	< 25 U	< 50 U	2.6 J	< 25 U
Cobalt	7440-48-4	ug/L	(2)	< 25 U				< 25 U
Copper	7440-50-8	ug/L	(1)	< 18.8 U	20.1	< 25 U	< 9 U	< 18.8 U
Copper	7440-50-8	ug/L	(2)	< 18.8 U				< 18.8 U
Iron	7439-89-6	ug/L	(1)	< 77.5 U	8070	< 100 R	< 100 U	< 77.5 U
Iron	7439-89-6	ug/L	(2)	7250				< 77.5 U
Lead	7439-92-1	ug/L	(1)	< 4.47 U	< 4.47 U	< 3 U	< 3 U	< 4.47 U
Lead	7439-92-1	ug/L	(2)	5.3				< 4.47 U
Magnesium	7439-95-4	ug/L	(1)	4440	5450	4500 J	10900	5460
Magnesium	7439-95-4	ug/L	(2)	5000				5520
Manganese	7439-96-5	ug/L	(1)	52.4	170	29	7.7 J	281
Manganese	7439-96-5	ug/L	(2)	147				277
Mercury	7439-97-6	ug/L	(1)	< 0.1 U	0.11	< 0.2 U	< 0.13 U	< 0.1 U
Mercury	7439-97-6	ug/L	(2)	< 0.1 U				< 0.1 U
Nickel	7440-02-0	ug/L	(1)	< 32.1 U	< 32.1 U	< 40 U	< 40 U	< 32.1 U
Nickel	7440-02-0	ug/L	(2)	< 32.1 U				< 32.1 U
Potassium	7440-09-7	ug/L	(1)	< 1240 U	1340	1400 J	1400 J	< 1240 U
Potassium	7440-09-7	ug/L	(2)	1920				< 1240 U
Selenium	7782-49-2	ug/L	(1)	< 2.53 U	< 2.53 U	< 5 U	< 5 U	< 2.53 U
Selenium	7782-49-2	ug/L	(2)	< 2.53 U				< 2.53 U
Silver	7440-22-4	ug/L	(1)	< 0.333 U	1.42	< 10 U	< 4 U	< 0.333 U
Silver	7440-22-4	ug/L	(2)	0.77				< 0.333 U
Sodium	7440-23-5	ug/L	(1)	34100	33700	39900	37700	21500
Sodium	7440-23-5	ug/L	(2)	34700				21900
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U	< 10 U	< 1.7 U	< 125 U
Thallium	7440-28-0	ug/L	(2)	< 125 U				< 125 U
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U	< 27.6 U	< 50 U	< 50 U	< 27.6 U
Vanadium	7440-62-2	ug/L	(2)	< 27.6 U				< 27.6 U
Zinc	7440-66-6	ug/L	(1)	46.7	38.9	< 20 U	< 20 U	< 18 U
Zinc	7440-66-6	ug/L	(2)	52.7				19.6
Other								
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U	< 27 U			< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U	< 21 U			< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U	< 130 U			< 130 U
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U	< 3.3 U			< 3.3 U

			Site Name	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209
			Location ID	F-MW430-B	F-MW430-B	F-MW430-B	F-MW430-B	F-PW-430A
			Sample Date	5/10/1994	7/28/1994	7/16/1999	12/27/2000	11/4/1993
			Depth Interval	16 - 26	16 - 26	16 - 26	16 - 26	62 - 82
			Sample ID	430B(19940510)	430B(19940728)	MW430-B(19990716)	MW430-B(20001227)	430A(19931104)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Pesticides								
4,4'-DDD	72-54-8	ug/L	(1)	< 18 U	< 18 U			< 18 U
4,4'-DDE	72-55-9	ug/L	(1)	< 14 U	< 14 U			< 14 U
4,4'-DDT	50-29-3	ug/L	(1)	< 18 U	< 18 U			< 18 U
Aldrin	309-00-2	ug/L	(1)	< 13 U	< 13 U			< 13 U
alpha-BHC	319-84-6	ug/L	(1)	< 5.3 U	< 5.3 U			< 5.3 U
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U	< 5.9 U			< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 17 U	< 17 U			< 17 U
Bromacil	314-40-9	ug/L	(1)	< 2.9 U	< 2.9 U			< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 37 U	< 37 U			< 37 U
Dieldrin	60-57-1	ug/L	(1)	< 26 U	< 26 U			< 26 U
Endosulfan I	959-98-8	ug/L	(1)	< 23 U	< 23 U			< 23 U
Endosulfan II	33213-65-9	ug/L	(1)	< 42 U	< 42 U			< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 50 U	< 50 U			< 50 U
Endrin	72-20-8	ug/L	(1)	< 18 U	< 18 U			< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 5 U	< 5 U			< 5 U
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 7.2 U	< 7.2 U			< 7.2 U
Heptachlor	76-44-8	ug/L	(1)	< 38 U	< 38 U			< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 28 U	< 28 U			< 28 U
Isodrin	465-73-6	ug/L	(1)	< 7.8 U	< 7.8 U			< 7.8 U
Malathion	121-75-5	ug/L	(1)	< 21 U	< 21 U			< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 11 U	< 11 U			< 11 U
Mirex	2385-85-5	ug/L	(1)	< 24 U	< 24 U			< 24 U
Parathion	56-38-2	ug/L	(1)	< 37 U	< 37 U			< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U	< 10 U			< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U	< 5.3 U			< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U	< 15 U			< 15 U
Supona	470-90-6	ug/L	(1)	< 19 U	< 19 U			< 19 U
Vapona	62-73-7	ug/L	(1)	< 8.5 U	< 8.5 U			< 8.5 U
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U		< 1 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U	< 2.4 U		< 10 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U	< 1.2 U		< 10 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U	< 13 U			< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 3.4 U	< 3.4 U		< 10 U	< 1 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)	< 1 U	< 1 U			< 3.4 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U	< 1.5 U		< 10 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U	< 2.8 U		< 10 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U	< 3.6 U		< 10 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U	< 8.4 U		< 10 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U	< 4.4 U		< 10 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U	< 180 U		< 50 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U	< 8.8 U			< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U	< 2.6 U		< 10 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U	< 2.8 U		< 10 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U	< 1.3 U		< 10 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U	< 3.6 U		< 10 U	< 3.6 U
2-Nitroaniline	88-74-4	ug/L	(1)				< 50 U	
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U	< 8.2 U		< 10 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U	< 5 U		< 50 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U	< 21 U			< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U	< 15 U		< 50 U	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)				< 50 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U	< 22 U		< 10 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U	< 8.5 U		< 10 U	< 8.5 U
4-Chloroaniline	106-47-8	ug/L	(1)				< 10 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U	< 23 U		< 10 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#	< 2.8 U#		< 10 U#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L	(1)				< 50 U	
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U	< 96 U		< 50 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U	< 5.8 U		< 10 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U	< 5.1 U		< 10 U	< 5.1 U
Aniline	62-53-3	ug/L	(1)				< 10 U	
Anthracene	120-12-7	ug/L	(1)	< 5.2 U	< 5.2 U		< 10 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U	< 9.8 U		< 10 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U	< 14 U		< 10 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U		< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U	< 15 U		< 10 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U		< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U	< 4 U			< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U	< 6.8 U		< 10 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U	< 0.68 U		< 10 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U	< 5 U		< 10 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U	< 7.7 U		< 10 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U	< 28 U		< 10 U	< 28 U
Carbazole	86-74-8	ug/L	(1)				< 10 U	
Chrysene	218-01-9	ug/L	(1)	< 7.4 U	< 7.4 U		< 10 U	< 7.4 U

			Site Name	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209
			Location ID	F-MW430-B	F-MW430-B	F-MW430-B	F-MW430-B	F-PW-430A
			Sample Date	5/10/1994	7/28/1994	7/16/1999	12/27/2000	11/4/1993
			Depth Interval	16 - 26	16 - 26	16 - 26	16 - 26	62 - 82
			Sample ID	430B(19940510)	430B(19940728)	MW430-B(19990716)	MW430-B(20001227)	430A(19931104)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
SVOC (Cont.)								
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U	< 12 U		< 10 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U	< 5.1 U		< 10 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U			< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U	< 5.5 U			< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U	< 5.9 U		< 10 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U	< 2.2 U		< 10 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U	< 33 U		< 10 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U	< 1.5 U		< 10 U	< 1.5 U
Diphenylamine	122-39-4	ug/L	(1)				< 10 U	
Fluoranthene	206-44-0	ug/L	(1)	< 24 U	< 24 U		< 10 U	< 24 U
Fluorene	86-73-7	ug/L	(1)	< 9.2 U	< 9.2 U		< 10 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U	< 12 U		< 10 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U	< 8.7 U		< 10 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U	< 54 U		< 50 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U	< 8.3 U		< 10 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U	< 21 U		< 10 U	< 21 U
Isophorone	78-59-1	ug/L	(1)	< 2.4 U	< 2.4 U		< 10 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U		< 10 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U	< 9.7 U			< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U	< 6.8 U		< 10 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U	< 3.7 U		< 10 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U	< 9.1 U		< 10 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U	< 9.9 U		< 10 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)	< 2.2 U	< 2.2 U		< 10 U	< 2.2 U
Pyrene	129-00-0	ug/L	(1)	< 17 U	< 17 U		< 10 U	< 17 U
VOC								
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	9 B		< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)				< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U	< 5.8 U			< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U			< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U			< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U	< 1.7 U			< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U		< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U			< 3.5 U
2-Hexanone	591-78-6	ug/L	(1)				< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	< 1.4 U		< 5 U	< 1.4 U
Acetone	67-64-1	ug/L	(1)	< 8 U	< 8 U		< 10 (U)	< 8 U
Acetonitrile	75-05-8	ug/L	(1)				< 20 R	
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U			< 8.4 U
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U		< 1 U	< 11 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U		< 2 U	< 14 U
Carbon disulfide	75-15-0	ug/L	(1)				< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U		< 2 U	< 8 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U		0.32 J	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U		< 2 U	< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)				< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)				< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U	< 12 U			< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)				< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U			< 1 U
Styrene	100-42-5	ug/L	(1)				< 1 U	
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)				< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)				< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U		0.32 J	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U		< 2 U	< 1 U
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U		< 2 U	< 12 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U		< 1 U	< 2 U
We Cyanide	57-12-5	ug/L	(1)	< 5 U	< 5 U			< 5 U

			Site Name	209	209	209	209	209
			Location ID	F-PW-430A	F-PW-430A	F-PW-430A	F-PW-430A	F-PW-430A
			Sample Date	4/28/1994	4/28/1994	5/11/1994	5/11/1994	7/28/1994
			Depth Interval	62 - 82	62 - 82	62 - 82	62 - 82	62 - 82
			Sample ID	430A(19940428)	430AD(19940428)	430A(19940511)	430AD(19940511)	430A(19940728)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.21 UJ	0.29 NJ			< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.458 U	< 0.458 U			< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U	< 0.426 U			< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)					
2-Nitrotoluene	88-72-2	ug/L	(1)					
3-Nitrotoluene	99-08-1	ug/L	(1)			< 2.9 U	< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)					
4-Nitrotoluene	99-99-0	ug/L	(1)					
HMX	2691-41-0	ug/L	(1)	< 0.533 U	< 0.533 U			< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.682 U	< 0.682 U	< 3.7 U	< 3.7 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)					< 0.682 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 222 U	543			427
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U	< 1.49 U			< 1.49 U
Nitroguanidine	556-88-7	ug/L	(1)					
PETN	78-11-5	ug/L	(1)	< 2 U	< 2 U			< 2 U
RDX	121-82-4	ug/L	(1)	< 0.416 U	< 0.416 U			< 0.416 U
Tetryl	479-45-8	ug/L	(1)	< 0.631 U	< 0.631 U			< 0.631 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.397 U	< 0.397 U	< 5.8 U	< 5.8 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.6 U	< 0.6 U	< 6.7 U	< 6.7 U	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					< 0.6 U
Metals								
Aluminum	7429-90-5	ug/L	(1)	< 112 U	< 112 U			< 112 U
Aluminum	7429-90-5	ug/L	(2)					
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U			< 60 U
Antimony	7440-36-0	ug/L	(2)					
Arsenic	7440-38-2	ug/L	(1)	< 2.35 U	< 2.35 U			< 2.35 U
Arsenic	7440-38-2	ug/L	(2)					
Barium	7440-39-3	ug/L	(1)	22.2	23.4			28.7
Barium	7440-39-3	ug/L	(2)					
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U	< 1.12 U			< 1.12 U
Beryllium	7440-41-7	ug/L	(2)					
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U	< 6.78 U			< 6.78 U
Cadmium	7440-43-9	ug/L	(2)					
Calcium	7440-70-2	ug/L	(1)	14900	15100			17600
Calcium	7440-70-2	ug/L	(2)					
Chromium	7440-47-3	ug/L	(1)	< 16.8 U	< 16.8 U			< 16.8 U
Chromium	7440-47-3	ug/L	(2)					
Cobalt	7440-48-4	ug/L	(1)	< 25 U	< 25 U			< 25 U
Cobalt	7440-48-4	ug/L	(2)					
Copper	7440-50-8	ug/L	(1)	59.4	58.8			114
Copper	7440-50-8	ug/L	(2)					
Iron	7439-89-6	ug/L	(1)	170	163			634
Iron	7439-89-6	ug/L	(2)					
Lead	7439-92-1	ug/L	(1)	6.04	7.77			5.54
Lead	7439-92-1	ug/L	(2)					
Magnesium	7439-95-4	ug/L	(1)	4690	4690			5440
Magnesium	7439-95-4	ug/L	(2)					
Manganese	7439-96-5	ug/L	(1)	110	113			100
Manganese	7439-96-5	ug/L	(2)					
Mercury	7439-97-6	ug/L	(1)	< 0.1 U	< 0.1 U			< 0.1 U
Mercury	7439-97-6	ug/L	(2)					
Nickel	7440-02-0	ug/L	(1)	< 32.1 U	< 32.1 U			< 32.1 U
Nickel	7440-02-0	ug/L	(2)					
Potassium	7440-09-7	ug/L	(1)	1320	1350			2040
Potassium	7440-09-7	ug/L	(2)					
Selenium	7782-49-2	ug/L	(1)	< 2.53 U	< 2.53 U			< 2.53 U
Selenium	7782-49-2	ug/L	(2)					
Silver	7440-22-4	ug/L	(1)	< 0.333 U	< 0.333 U			< 0.333 U
Silver	7440-22-4	ug/L	(2)					
Sodium	7440-23-5	ug/L	(1)	24500	24500			27800
Sodium	7440-23-5	ug/L	(2)					
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U			< 125 U
Thallium	7440-28-0	ug/L	(2)					
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U	< 27.6 U			< 27.6 U
Vanadium	7440-62-2	ug/L	(2)					
Zinc	7440-66-6	ug/L	(1)	< 18 U	< 18 U			< 18 U
Zinc	7440-66-6	ug/L	(2)					
Other								
1,4-Oxathiane	15980-15-1	ug/L	(1)			< 27 U	< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)			< 21 U	< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)			< 130 U	< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	(1)			< 3.3 U	< 3.3 U	< 3.3 U

			Site Name	209	209	209	209	209
			Location ID	F-PW-430A	F-PW-430A	F-PW-430A	F-PW-430A	F-PW-430A
			Sample Date	4/28/1994	4/28/1994	5/11/1994	5/11/1994	7/28/1994
			Depth Interval	62 - 82	62 - 82	62 - 82	62 - 82	62 - 82
			Sample ID	430A(19940428)	430AD(19940428)	430A(19940511)	430AD(19940511)	430A(19940728)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Pesticides								
4,4'-DDD	72-54-8	ug/L	(1)			< 18 U	< 18 U	< 18 U
4,4'-DDE	72-55-9	ug/L	(1)			< 14 U	< 14 U	< 14 U
4,4'-DDT	50-29-3	ug/L	(1)			< 18 U	< 18 U	< 18 U
Aldrin	309-00-2	ug/L	(1)			< 13 U	< 13 U	< 13 U
alpha-BHC	319-84-6	ug/L	(1)			< 5.3 U	< 5.3 U	< 5.3 U
Atrazine	1912-24-9	ug/L	(1)			< 5.9 U	< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)			< 17 U	< 17 U	< 17 U
Bromacil	314-40-9	ug/L	(1)			< 2.9 U	< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	(1)			< 37 U	< 37 U	< 37 U
Dieldrin	60-57-1	ug/L	(1)			< 26 U	< 26 U	< 26 U
Endosulfan I	959-98-8	ug/L	(1)			< 23 U	< 23 U	< 23 U
Endosulfan II	33213-65-9	ug/L	(1)			< 42 U	< 42 U	< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)			< 50 U	< 50 U	< 50 U
Endrin	72-20-8	ug/L	(1)			< 18 U	< 18 U	< 18 U
Endrin aldehyde	7421-93-4	ug/L	(1)			< 5 U	< 5 U	< 5 U
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			< 7.2 U	< 7.2 U	< 7.2 U
Heptachlor	76-44-8	ug/L	(1)			< 38 U	< 38 U	< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)			< 28 U	< 28 U	< 28 U
Isodrin	465-73-6	ug/L	(1)			< 7.8 U	< 7.8 U	< 7.8 U
Malathion	121-75-5	ug/L	(1)			< 21 U	< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	(1)			< 11 U	< 11 U	< 11 U
Mirex	2385-85-5	ug/L	(1)			< 24 U	< 24 U	< 24 U
Parathion	56-38-2	ug/L	(1)			< 37 U	< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)			< 10 U	< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)			< 5.3 U	< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)			< 15 U	< 15 U	< 15 U
Supona	470-90-6	ug/L	(1)			< 19 U	< 19 U	< 19 U
Vapona	62-73-7	ug/L	(1)			< 8.5 U	< 8.5 U	< 8.5 U
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U			< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			< 2.4 U	< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			< 1.2 U	< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)			< 13 U	< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1 U	< 1 U	< 3.4 U	< 3.4 U	< 1 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)					< 3.4 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			< 1.5 U	< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			< 2.8 U	< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			< 3.6 U	< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)			< 8.4 U	< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)			< 4.4 U	< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)			< 180 U	< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)			< 8.8 U	< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)			< 2.6 U	< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)			< 2.8 U	< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)			< 1.3 U	< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)			< 3.6 U	< 3.6 U	< 3.6 U
2-Nitroaniline	88-74-4	ug/L	(1)					
2-Nitrophenol	88-75-5	ug/L	(1)			< 8.2 U	< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			< 5 U	< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)			< 21 U	< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)			< 15 U	< 15 U	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)					
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			< 22 U	< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			< 8.5 U	< 8.5 U	< 8.5 U
4-Chloroaniline	106-47-8	ug/L	(1)					
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			< 23 U	< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)			< 2.8 U#	< 2.8 U#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L	(1)					
4-Nitrophenol	100-02-7	ug/L	(1)			< 96 U	< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)			< 5.8 U	< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)			< 5.1 U	< 5.1 U	< 5.1 U
Aniline	62-53-3	ug/L	(1)					
Anthracene	120-12-7	ug/L	(1)			< 5.2 U	< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)			< 9.8 U	< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)			< 14 U	< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)			< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)			< 15 U	< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)			< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)			< 4 U	< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)			< 6.8 U	< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)			< 0.68 U	< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)			< 5 U	< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)			< 7.7 U	< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)			< 28 U	< 28 U	< 28 U
Carbazole	86-74-8	ug/L	(1)					
Chrysene	218-01-9	ug/L	(1)			< 7.4 U	< 7.4 U	< 7.4 U

			Site Name	209	209	209	209	209
			Location ID	F-PW-430A	F-PW-430A	F-PW-430A	F-PW-430A	F-PW-430A
			Sample Date	4/28/1994	4/28/1994	5/11/1994	5/11/1994	7/28/1994
			Depth Interval	62 - 82	62 - 82	62 - 82	62 - 82	62 - 82
			Sample ID	430A(19940428)	430AD(19940428)	430A(19940511)	430AD(19940511)	430A(19940728)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
SVOC (Cont.)								
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)			< 12 U	< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)			< 5.1 U	< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U			< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)			< 5.5 U	< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)			< 5.9 U	< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)			< 2.2 U	< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)			< 33 U	< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)			< 1.5 U	< 1.5 U	< 1.5 U
Diphenylamine	122-39-4	ug/L	(1)					
Fluoranthene	206-44-0	ug/L	(1)			< 24 U	< 24 U	< 24 U
Fluorene	86-73-7	ug/L	(1)			< 9.2 U	< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)			< 12 U	< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)			< 8.7 U	< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)			< 54 U	< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)			< 8.3 U	< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)			< 21 U	< 21 U	< 21 U
Isophorone	78-59-1	ug/L	(1)			< 2.4 U	< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)			< 0.5 U	< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			< 9.7 U	< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)			< 6.8 U	< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)			< 3.7 U	< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)			< 9.1 U	< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)			< 9.9 U	< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)			< 2.2 U	< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L	(1)			< 17 U	< 17 U	< 17 U
VOC								
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U			2.4 B
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)					
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U			< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U			< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U			< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)			< 5.8 U	< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U			< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U			< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U			< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U			< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)			< 1.7 U	< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U			< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U			< 3.5 U
2-Hexanone	591-78-6	ug/L	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	< 1.4 U			< 1.4 U
Acetone	67-64-1	ug/L	(1)	< 8 U	< 8 U			< 8 U
Acetonitrile	75-05-8	ug/L	(1)					
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U			< 8.4 U
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U			< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U			< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U			< 11 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U			< 14 U
Carbon disulfide	75-15-0	ug/L	(1)					
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U			< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U			< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U			< 8 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U			< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U			< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)					
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)					
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U			< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)			< 12 U	< 12 U	< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)					
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U			< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U			< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U			< 1 U
Styrene	100-42-5	ug/L	(1)					
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U			< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U			< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)					
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)					
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U			< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U			< 1 U
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U			< 12 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U			< 2 U
We Cyanide	57-12-5	ug/L	(1)	< 5 U	< 5 U			< 5 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SD-12 4/25/2001 2 - 3 B430SD-12C(2-3) SE	209, Building 430 F-B430-SD-13 4/25/2001 2 - 3 B430SD-13C(2-3) SE	209, Building 430 F-B430-SD-15 4/25/2001 0 - 1 B430SD-15A(0-1) SE	209, Building 430 F-B430-SD-16 4/25/2001 0 - 1 B430SD-16A(0-1) SE	209, Building 430 F-B430-SD-17 4/25/2001 0 - 1 B430SD-17A(0-1) SE	209, Building 430 F-B430-SS-12 9/1/2000 0 - 1 B430SD-12A(0-1) SE	209, Building 430 F-B430-SS-13 9/1/2000 0 - 1 B430SD-13A(0-1) SE
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	< 0.25 U	< 0.75 UD	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	< 0.25 U	< 0.75 UD	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	0.36 JD	< 7.5 UD	< 25 UD	0.21 J	< 0.75 UD	0.49	0.92
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	0.14 J	< 0.75 UD	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	< 0.25 U	< 0.75 UD	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	< 0.25 U	< 0.75 UD	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	0.19 J	< 0.75 UD	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	0.12 J	< 0.75 UD	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)	< 2.5 UD	< 15 UD	< 50 UD	< 0.5 U	< 1.5 UD	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.2 UD	< 7.5 UD	< 25 UD	< 0.25 U	< 0.75 UD	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)	24500 D	37000 D	70400 D	6150 D	7100 D	19600 D	14800 D
Nitroglycerin	55-63-0	mg/kg	(1)						< 0.5 U	< 0.5 U
Nitroguanidine	556-88-7	mg/kg	(1)						< 0.25 UJ	< 0.25 U
PETN	78-11-5	mg/kg	(1)						< 0.5 U	< 0.5 U
RDX	121-82-4	mg/kg	(1)	< 2.5 UD	< 15 UD	< 50 UD	< 0.5 U	< 1.5 UD	< 0.25 U	0.3
Tetryl	479-45-8	mg/kg	(1)	< 3.2 UD	< 20 UD	< 65 UD	< 0.65 U	< 2 UD	< 0.25 U	< 0.25 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	32 D	170 D	870 D	7.6	24 D	16	65 D
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	2.6 D	13 D	62 D	0.77	2.3 D	1.4	5.9
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)							
Antimony	7440-36-0	mg/kg	(1)							
Arsenic	7440-38-2	mg/kg	(1)						14.1 J	15.2 J
Barium	7440-39-3	mg/kg	(1)							
Beryllium	7440-41-7	mg/kg	(1)							
Cadmium	7440-43-9	mg/kg	(1)							
Calcium	7440-70-2	mg/kg	(1)							
Chromium	7440-47-3	mg/kg	(1)							
Cobalt	7440-48-4	mg/kg	(1)							
Copper	7440-50-8	mg/kg	(1)							
Iron	7439-89-6	mg/kg	(1)							
Lead	7439-92-1	mg/kg	(1)	96.3	350	616 J	388 J	375	2330 J	266 J
Magnesium	7439-95-4	mg/kg	(1)							
Manganese	7439-96-5	mg/kg	(1)							
Mercury	7439-97-6	mg/kg	(1)							
Nickel	7440-02-0	mg/kg	(1)							
Potassium	7440-09-7	mg/kg	(1)							
Selenium	7782-49-2	mg/kg	(1)							
Silver	7440-22-4	mg/kg	(1)							
Sodium	7440-23-5	mg/kg	(1)							
Thallium	7440-28-0	mg/kg	(1)							
Vanadium	7440-62-2	mg/kg	(1)							
Zinc	7440-66-6	mg/kg	(1)							
SVOC										
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)							
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)							
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-SD-12	F-B430-SD-13	F-B430-SD-15	F-B430-SD-16	F-B430-SD-17	F-B430-SS-12	F-B430-SS-13
			Sample Date	4/25/2001	4/25/2001	4/25/2001	4/25/2001	4/25/2001	9/1/2000	9/1/2000
			Depth Interval	2 - 3	2 - 3	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B430SD-12C(2-3)	B430SD-13C(2-3)	B430SD-15A(0-1)	B430SD-16A(0-1)	B430SD-17A(0-1)	B430SD-12A(0-1)	B430SD-13A(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
			ValueNo							
SVOC (continued)										
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)							
2,4-Dichlorophenol	120-83-2	mg/kg	(1)							
2,4-Dimethylphenol	105-67-9	mg/kg	(1)							
2,4-Dinitrophenol	51-28-5	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)							
2-Chlorophenol	95-57-8	mg/kg	(1)							
2-Methylnaphthalene	91-57-6	mg/kg	(1)							
2-Methylphenol	95-48-7	mg/kg	(1)							
2-Nitroaniline	88-74-4	mg/kg	(1)							
2-Nitrophenol	88-75-5	mg/kg	(1)							
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)							
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)							
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)							
4-Chloroaniline	106-47-8	mg/kg	(1)							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)							
4-Methylphenol	106-44-5	mg/kg	(1)							
4-Nitroaniline	100-01-6	mg/kg	(1)							
4-Nitrophenol	100-02-7	mg/kg	(1)							
Acenaphthene	83-32-9	mg/kg	(1)							
Acenaphthylene	208-96-8	mg/kg	(1)							
Aniline	62-53-3	mg/kg	(1)							
Anthracene	120-12-7	mg/kg	(1)							
Benz(a)anthracene	56-55-3	mg/kg	(1)							
Benzo(a)pyrene	50-32-8	mg/kg	(1)							
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)							
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)							
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)							
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)							
Butylbenzyl phthalate	85-68-7	mg/kg	(1)							
Carbazole	86-74-8	mg/kg	(1)							
Chrysene	218-01-9	mg/kg	(1)							
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)							
Dibenzofuran	132-64-9	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)							
Dimethylphthalate	131-11-3	mg/kg	(1)							
di-n-Butylphthalate	84-74-2	mg/kg	(1)							
di-n-Octylphthalate	117-84-0	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)							
Fluoranthene	206-44-0	mg/kg	(1)							
Fluorene	86-73-7	mg/kg	(1)							
Hexachlorobenzene	118-74-1	mg/kg	(1)							
Hexachlorobutadiene	87-68-3	mg/kg	(1)							
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)							
Hexachloroethane	67-72-1	mg/kg	(1)							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)							
Isophorone	78-59-1	mg/kg	(1)							
Naphthalene	91-20-3	mg/kg	(1)							

Chemical Name	CAS No	Unit	ValueNo							
Site Name				**209, Building 430**	**209, Building 430**	**209, Building 430**	**209, Building 430**	**209, Building 430**	**209, Building 430**	**209, Building 430**
Location ID				**F-B430-SD-12**	**F-B430-SD-13**	**F-B430-SD-15**	**F-B430-SD-16**	**F-B430-SD-17**	**F-B430-SS-12**	**F-B430-SS-13**
Sample Date				**4/25/2001**	**4/25/2001**	**4/25/2001**	**4/25/2001**	**4/25/2001**	**9/1/2000**	**9/1/2000**
Depth Interval				**2 - 3**	**2 - 3**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**	**0 - 1**
Sample ID				**B430SD-12C(2-3)**	**B430SD-13C(2-3)**	**B430SD-15A(0-1)**	**B430SD-16A(0-1)**	**B430SD-17A(0-1)**	**B430SD-12A(0-1)**	**B430SD-13A(0-1)**
Sample Matrix				**SE**	**SE**	**SE**	**SE**	**SE**	**SE**	**SE**
SVOC (continued)										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)							
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)							
Pentachlorophenol	87-86-5	mg/kg	(1)							
Phenanthrene	85-01-8	mg/kg	(1)							
Phenol	108-95-2	mg/kg	(1)							
Pyrene	129-00-0	mg/kg	(1)							
WetChem										
% Moisture	%Moist	%	(1)	24.7	38.2	65.4	47	38.3	37.6	54.1
% Solids	%Solid	%	(1)	69.4	51	32.2	42.2	52.9	57.8	46.1

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-14 9/1/2000 0 - 1 B430SD-14A(0-1) SE	209, Building 462A F-B462-SD-1 9/6/2000 0 - 1 B462SD-1(0-1) SE	209, Building 462A F-B462-SD-2 9/6/2000 0 - 1 B462SD-2(0-1) SE	209, Building 462A F-B462-SD-3 9/6/2000 0 - 1 B462SD-3(0-1) SE	209, Building 462A F-B462-SD-4 9/6/2000 0 - 1 B462SD-4(0-1) SE	209, Building 462A F-B462-SD-5 4/25/2001 0 - 1 B462SD-5(0-1) SE	209, Building 462A F-B462-SD-5 4/25/2001 0 - 1 B462SD-5DUP(0-1) SE
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	0.99	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
HMX	2691-41-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 5 UD	< 5 UD
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 2.5 UD	< 2.5 UD
Nitrobenzene	98-95-3	mg/kg	(2)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Nitrocellulose	9004-70-0	mg/kg	(1)	3250 D	1020 D	4060 D	1190 JD	6290 D	38400 D	39200 D
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 2.5 UJD	< 0.5 U	< 5 UD	< 2.5 U	< 2.5 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.25 U	< 0.25 U	0.04 J	< 0.25 U	< 0.25 U	< 0.1 U	< 0.1 U
PETN	78-11-5	mg/kg	(1)	< 0.5 U	< 0.5 U	< 2.5 UJD	< 0.5 U	< 5 UD	< 25 UD	< 25 UD
RDX	121-82-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 5 UD	< 5 UD
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 1.2 UJD	< 0.25 U	< 0.25 U	< 6.5 UD	< 6.5 UD
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	67 D	12	14 D	0.34	81	67 D	17 D
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		13 D	36 JD	< 0.38 U	34 D	6.4 D	48 D
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	5.2	1.1 JD	< 1.2 UJD	< 0.38 U	< 0.25 U	5.8 D	3.9 D
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 1.6 U	1.4	< 0.25 U	4.1 JD	< 3.4 UD	< 13 UD
Metals										
Aluminum	7429-90-5	mg/kg	(1)		1810 J	2520 J	7520 J	7280 J	4500 J	4650 J
Antimony	7440-36-0	mg/kg	(1)		1.5 J	2.3 J	< 1.2 UJ	7.6 JD	1.3 J	1.5 J
Arsenic	7440-38-2	mg/kg	(1)	4.6 J	8.7 J	6.3 J	8.2 J	21.1 JD	13.7 J	17.8 J
Barium	7440-39-3	mg/kg	(1)		49.5 J	130 J	78.7 J	281 J	86 J	146 J
Beryllium	7440-41-7	mg/kg	(1)		< 0.63 UJ	0.37 J	0.52 J	0.25 J	0.36 J	0.59 J
Cadmium	7440-43-9	mg/kg	(1)		1 J	0.34 J	0.57 J	3.9 JD	0.48 J	0.49 J
Calcium	7440-70-2	mg/kg	(1)		715 J	1270 J	43900 J	4530 J	1550 J	1900 J
Chromium	7440-47-3	mg/kg	(1)		15.8 J	26.7 J	5 J	63.4 JD	16.8 J	18.2 J
Cobalt	7440-48-4	mg/kg	(1)		8.6 J	5.2 J	3.1 J	14.5 J	5.4 J	6.5 J
Copper	7440-50-8	mg/kg	(1)		83.2 J	72.2 J	18 J	240 J	70.9 J	69.4 J
Iron	7439-89-6	mg/kg	(1)		13100 J	8840 J	10100 J	109000 JD	9540 J	12500 J
Lead	7439-92-1	mg/kg	(1)	24.9 J	< 0.38 R	< 0.45 R	< 0.35 R	< 0.79 R	< 0.62 R	< 0.61 R
Magnesium	7439-95-4	mg/kg	(1)		569 J	453 J	4760 J	1460 J	702 J	755 J
Manganese	7439-96-5	mg/kg	(1)		94.4 J	56.1 J	361 J	1920 JD	83.1 J	86.9 J
Mercury	7439-97-6	mg/kg	(1)		0.26 J	2.1 J	0.46 J	1.4 J	1.7 J	1.8 J
Nickel	7440-02-0	mg/kg	(1)		126 J	40.4 J	6.5 J	35.8 J	63.7 J	67.9 J
Potassium	7440-09-7	mg/kg	(1)		270 J	286 J	320 J	1740 J	231 J	319 J
Selenium	7782-49-2	mg/kg	(1)		0.81 J	25.2 J	0.43 J	2.3 JD	20.6 J	40.3 J
Silver	7440-22-4	mg/kg	(1)		0.23 J	0.52 J	< 0.58 UJ	0.41 J	0.68 J	0.72 J
Sodium	7440-23-5	mg/kg	(1)		93.6 J	106 J	196 J	150 J	< 1030 UJ	< 1020 UJ
Thallium	7440-28-0	mg/kg	(1)		< 1.3 U	1.3 J	< 1.2 U	< 2.6 UD	< 2.1 UJ	1.3 J
Vanadium	7440-62-2	mg/kg	(1)		183 J	431 J	12.5 J	61 JD	< 10.3 R	< 10.2 R
Zinc	7440-66-6	mg/kg	(1)		117 J	67.2 J	335 J	513 JD	186 J	169 J
SVOC										
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 462A	209, Building 462A	209, Building 462A	209, Building 462A	209, Building 462A	209, Building 462A
			Location ID	F-B430-SS-14	F-B462-SD-1	F-B462-SD-2	F-B462-SD-3	F-B462-SD-4	F-B462-SD-5	F-B462-SD-5
			Sample Date	9/1/2000	9/6/2000	9/6/2000	9/6/2000	9/6/2000	4/25/2001	4/25/2001
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B430SD-14A(0-1)	B462SD-1(0-1)	B462SD-2(0-1)	B462SD-3(0-1)	B462SD-4(0-1)	B462SD-5(0-1)	B462SD-5DUP(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE
			ValueNo							
SVOC (continued)										
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 20 UJD	< 2.4 UJ	< 1.9 UJ	< 42 UJD	< 17 UD	< 65 UJD
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2-Chlorophenol	95-57-8	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 4.2 UD	0.47 J	0.08 J	< 8.7 UD	< 3.4 UD	< 13 UD
2-Methylphenol	95-48-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
2-Nitroaniline	88-74-4	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UD	< 65 UD
2-Nitrophenol	88-75-5	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UJD	< 65 UD
3-Nitroaniline	99-09-2	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UD	< 65 UD
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UJD	< 65 UD
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UJD	< 13 UD
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
4-Chloroaniline	106-47-8	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
4-Methylphenol	106-44-5	mg/kg	(1)		< 4.2 UD#	0.32 J#	< 0.38 U#	< 8.7 UD#	< 3.4 UD#	< 13 UD#
4-Nitroaniline	100-01-6	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UD	< 65 UD
4-Nitrophenol	100-02-7	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UD	< 65 UJD
Acenaphthene	83-32-9	mg/kg	(1)		< 4.2 UD	0.06 J	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Acenaphthylene	208-96-8	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Aniline	62-53-3	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 UJ	< 8.7 UD	< 3.4 R	< 13 UD
Anthracene	120-12-7	mg/kg	(1)		< 4.2 UD	0.24 J	0.04 J	1.2 JD	< 3.4 UJD	< 13 UD
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 4.2 UD	0.45 J	0.19 J	4.3 JD	< 3.4 UJD	< 13 UD
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 4.2 UD	0.41 J	0.3 J	3.5 JD	< 3.4 R	< 13 UD
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 4.2 UD	0.64	0.56 J	3.6 JD	< 3.4 R	< 13 UD
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 4.2 UD	0.33 J	0.25 J	1.8 JD	< 3.4 R	< 13 UD
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 4.2 UD	0.24 J	0.22 J	1.7 JD	< 3.4 R	< 13 UD
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UJD	< 13 UJD
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UJD	< 13 UD
Carbazole	86-74-8	mg/kg	(1)		< 4.2 UD	0.11 J	< 0.38 U	< 8.7 UD	< 3.4 UJD	< 13 UD
Chrysene	218-01-9	mg/kg	(1)		< 4.2 UD	0.54	0.28 J	4.6 JD	< 3.4 UJD	< 13 UD
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 4.2 UJD	0.11 J	0.11 J	< 8.7 UJD	< 3.4 R	< 13 UD
Dibenzofuran	132-64-9	mg/kg	(1)		< 4.2 UD	0.13 J	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Diethylphthalate	84-66-2	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Dimethylphthalate	131-11-3	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
di-n-Butylphthalate	84-74-2	mg/kg	(1)		26 D	30 D	0.76	130 D	23 JD	94 D
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 UJ	< 8.7 UD	< 3.4 R	< 13 UD
Diphenylamine	122-39-4	mg/kg	(1)		3.5 JD	1.8	< 0.38 UJ	8.8 D	1.5 JD	< 13 UD
Fluoranthene	206-44-0	mg/kg	(1)		< 4.2 UD	1.1	0.37 J	8.3 JD	< 3.4 UJD	< 13 UD
Fluorene	86-73-7	mg/kg	(1)		< 4.2 UD	0.11 J	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UJD	< 13 UD
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 20 UD	< 2.4 U	< 1.9 U	< 42 UD	< 17 UJD	< 65 UJD
Hexachloroethane	67-72-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 4.2 UD	0.38 J	0.32 J	2.1 JD	< 3.4 R	< 13 UD
Isophorone	78-59-1	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Naphthalene	91-20-3	mg/kg	(1)		< 4.2 UD	0.18 J	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD

Chemical Name	CAS No	Unit	ValueNo	Site Name: 209, Building 430 Location ID: F-B430-SS-14 Sample Date: 9/1/2000 Depth Interval: 0 - 1 Sample ID: B430SD-14A(0-1) Sample Matrix: SE	Site Name: 209, Building 462A Location ID: F-B462-SD-1 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: B462SD-1(0-1) Sample Matrix: SE	Site Name: 209, Building 462A Location ID: F-B462-SD-2 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: B462SD-2(0-1) Sample Matrix: SE	Site Name: 209, Building 462A Location ID: F-B462-SD-3 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: B462SD-3(0-1) Sample Matrix: SE	Site Name: 209, Building 462A Location ID: F-B462-SD-4 Sample Date: 9/6/2000 Depth Interval: 0 - 1 Sample ID: B462SD-4(0-1) Sample Matrix: SE	Site Name: 209, Building 462A Location ID: F-B462-SD-5 Sample Date: 4/25/2001 Depth Interval: 0 - 1 Sample ID: B462SD-5(0-1) Sample Matrix: SE	Site Name: 209, Building 462A Location ID: F-B462-SD-5 Sample Date: 4/25/2001 Depth Interval: 0 - 1 Sample ID: B462SD-5DUP(0-1) Sample Matrix: SE
SVOC (continued)										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		3.5 JD	1.8	< 0.38 U	8.8 D	1.5 JD	< 13 UD
Pentachlorophenol	87-86-5	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UJD	< 13 UD
Phenanthrene	85-01-8	mg/kg	(1)		< 4.2 UD	1.3	0.16 J	5.1 JD	< 3.4 UJD	< 13 UD
Phenol	108-95-2	mg/kg	(1)		< 4.2 UD	< 0.49 U	< 0.38 U	< 8.7 UD	< 3.4 UD	< 13 UD
Pyrene	129-00-0	mg/kg	(1)		< 4.2 UD	0.93	0.33 J	6.7 JD	< 3.4 UJD	< 13 UD
WetChem										
% Moisture	%Moist	%	(1)	28.8	28	38.9	20.2	27.6	45.1	47.5
% Solids	%Solid	%	(1)	76.1	78.9	67.1	86.1	75.7	48.4	49

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-303-S1-B-1 6/9/2004 4.5 - 4.5 303S1-B-1(4.5-4.5) SO	209, Fmr Bldg 303 F-303-S2-B-1 6/9/2004 4.5 - 4.5 303S2-B-1(4.5-4.5) SO	209, Building 462A F-462A-SS-H-EX-B-1 12/18/2003 3 - 3 462A-SS-HEX-B-1(3-3) SO	209, Building 462A F-462A-SS-H-EX-B-2 4/5/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134148 SO	209, Building 462A F-462A-SS-H-EX-B-2 6/24/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134226 SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)			< 0.25 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)			< 0.25 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)			< 0.25 U		
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)			< 0.25 U		
2-Nitrotoluene	88-72-2	mg/kg	(1)			< 0.25 U		
3-Nitrotoluene	99-08-1	mg/kg	(1)			< 0.25 U		
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)			< 0.25 U		
4-Nitrotoluene	99-99-0	mg/kg	(1)			< 0.25 U		
HMX	2691-41-0	mg/kg	(1)			< 0.5 U		
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.45 U	< 0.48 U	< 0.25 U		< 0.41 U
Nitrobenzene	98-95-3	mg/kg	(2)			< 0.46 U		
Nitrocellulose	9004-70-0	mg/kg	(1)			746 JQD		
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)			< 0.5 U		
Tetryl	479-45-8	mg/kg	(1)			< 0.65 U		
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.45 U	< 0.48 U	0.25		0.25 J
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)			0.06 J		
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.45 U	< 0.48 U	< 0.25 U		< 0.41 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)			< 0.46 U		
Herbicide								
2,4,5-T	93-76-5	mg/kg	(1)					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)	3000	2660	10500		
Antimony	7440-36-0	mg/kg	(1)	0.96 J	3.7 JGD	1.6		
Arsenic	7440-38-2	mg/kg	(1)	8.9	33.7 D	28.2	5.8	
Barium	7440-39-3	mg/kg	(1)	54.4	74.1	134		
Beryllium	7440-41-7	mg/kg	(1)	0.76	0.57 J	0.17 J		
Cadmium	7440-43-9	mg/kg	(1)	0.43	3.4 D	0.31		
Calcium	7440-70-2	mg/kg	(1)	1480	1830	2630		
Chromium	7440-47-3	mg/kg	(1)	21.2	158 D	18.4		
Cobalt	7440-48-4	mg/kg	(1)	13.3	62.9	8.4		
Copper	7440-50-8	mg/kg	(1)	78.7	207	50.6		
Iron	7439-89-6	mg/kg	(1)	31700	150000 D	21300		
Lead	7439-92-1	mg/kg	(1)	47.1	45.3 D	107		
Magnesium	7439-95-4	mg/kg	(1)	164 J	126 J	1890		
Manganese	7439-96-5	mg/kg	(1)	398	1390 D	1430		
Mercury	7439-97-6	mg/kg	(1)	0.11 J	0.11 J	0.27		
Nickel	7440-02-0	mg/kg	(1)	31.8	405	17.4		
Potassium	7440-09-7	mg/kg	(1)	140 J	149 J	456 J		
Selenium	7782-49-2	mg/kg	(1)	< 0.68 U	< 2.9 UGD	< 0.7 U		
Silver	7440-22-4	mg/kg	(1)	0.33 J	< 0.73 U	< 0.7 U		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-303-S1-B-1 6/9/2004 4.5 - 4.5 303S1-B-1(4.5-4.5) SO (1)	209, Fmr Bldg 303 F-303-S2-B-1 6/9/2004 4.5 - 4.5 303S2-B-1(4.5-4.5) SO (1)	209, Building 462A F-462A-SS-H-EX-B-1 12/18/2003 3 - 3 462A-SS-HEX-B-1(3-3) SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 4/5/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134148 SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 6/24/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134226 SO (1)
Metals (continued)								
Sodium	7440-23-5	mg/kg		< 678 U	< 733 U	< 696 U		
Thallium	7440-28-0	mg/kg		< 1.4 U	< 5.9 UGD	< 1.4 U		
Vanadium	7440-62-2	mg/kg		9.1	14.3 JGD	24.8		
Zinc	7440-66-6	mg/kg		58.3	1170 D	131		
PCBs								
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg						
Aroclor 1232	11141-16-5	mg/kg						
Aroclor 1242	53469-21-9	mg/kg						
Aroclor 1248	12672-29-6	mg/kg						
Aroclor 1254	11097-69-1	mg/kg						
Aroclor 1260	11096-82-5	mg/kg						
Pesticides								
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
Aldrin	309-00-2	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-Chlordane	5103-71-9	mg/kg						
beta-BHC	319-85-7	mg/kg						
Chlordane	57-74-9	mg/kg						
Chlordane - TCLP	57-74-9TCLP	ug/L						
Dalapon	75-99-0	mg/kg						
delta-BHC	319-86-8	mg/kg						
Dicamba	1918-00-9	mg/kg						
Dichloroprop	120-36-5	mg/kg						
Dieldrin	60-57-1	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin - TCLP	72-20-8TCLP	ug/L						
Endrin aldehyde	7421-93-4	mg/kg						
Endrin ketone	53494-70-5	mg/kg						
gamma-BHC (Lindane)	58-89-9	mg/kg						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L						
gamma-Chlordane	5103-74-2	mg/kg						
Heptachlor	76-44-8	mg/kg						
Heptachlor - TCLP	76-44-8TCLP	ug/L						
Heptachlor epoxide	1024-57-3	mg/kg						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L						
Methoxychlor	72-43-5	mg/kg						
Methoxychlor - TCLP	72-43-5TCLP	ug/L						
Toxaphene	8001-35-2	mg/kg						
Toxaphene - TCLP	8001-35-2TCLP	ug/L						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-303-S1-B-1 6/9/2004 4.5 - 4.5 303S1-B-1(4.5-4.5) SO (1)	209, Fmr Bldg 303 F-303-S2-B-1 6/9/2004 4.5 - 4.5 303S2-B-1(4.5-4.5) SO (1)	209, Building 462A F-462A-SS-H-EX-B-1 12/18/2003 3 - 3 462A-SS-HEX-B-1(3-3) SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 4/5/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134148 SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 6/24/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134226 SO (1)
Radiological								
Americium-241	86954-36-1	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Radium-226	13982-63-3	pCi/g						
Total Uranium	7440-61-1 U	mg/kg						
Uranium-234	13966-29-5	pCi/g						
Uranium-235	15117-96-1	pCi/g						
Uranium-238	7440-61-1 U-238	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L						
1-Methylnaphthalene	90-12-0	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L						
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L						
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2,4-Dimethylphenol	105-67-9	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2,4-Dinitrophenol	51-28-5	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		0.08 J
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L						
2-Chloronaphthalene	91-58-7	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2-Chlorophenol	95-57-8	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2-Methylnaphthalene	91-57-6	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		0.05 J
2-Methylphenol	95-48-7	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
2-Methylphenol - TCLP	95-48-7TCLP	ug/L						
2-Nitroaniline	88-74-4	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
2-Nitrophenol	88-75-5	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L						
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
3-Nitroaniline	99-09-2	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
4-Chloroaniline	106-47-8	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
4-Methylphenol	106-44-5	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
4-Nitroaniline	100-01-6	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
4-Nitrophenol	100-02-7	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
Acenaphthene	83-32-9	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Acenaphthylene	208-96-8	mg/kg		< 0.45 U	< 0.48 U	0.03 J		< 0.41 U
Aniline	62-53-3	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Anthracene	120-12-7	mg/kg		0.08 J	0.07 J	0.13 J		0.08 J
Benz(a)anthracene	56-55-3	mg/kg		0.28 J	0.19 J	0.69		0.15 J

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-303-S1-B-1 6/9/2004 4.5 - 4.5 303S1-B-1(4.5-4.5) SO (1)	209, Fmr Bldg 303 F-303-S2-B-1 6/9/2004 4.5 - 4.5 303S2-B-1(4.5-4.5) SO (1)	209, Building 462A F-462A-SS-H-EX-B-1 12/18/2003 3 - 3 462A-SS-HEX-B-1(3-3) SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 4/5/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134148 SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 6/24/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134226 SO (1)
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg		0.28 J	0.2 J	0.94		0.26 J
Benzo(b)fluoranthene	205-99-2	mg/kg		0.54	0.24 J	1.3		0.81
Benzo(g,h,i)perylene	191-24-2	mg/kg		0.22 J	0.14 J	0.55		0.37 J
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.45 U	0.2 J	0.54		0.4 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.45 U	< 0.48 U	0.04 J		< 0.41 U
Butylbenzyl phthalate	85-68-7	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Carbazole	86-74-8	mg/kg		0.04 J	0.04 J	0.04 J		< 0.41 U
Chrysene	218-01-9	mg/kg		0.38 J	0.29 J	0.64		0.24 J
Dibenz(a,h)anthracene	53-70-3	mg/kg		0.06 J	< 0.48 U	0.17 J		0.1 J
Dibenzofuran	132-64-9	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		0.03 J
Diethylphthalate	84-66-2	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Dimethylphthalate	131-11-3	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
di-n-Butylphthalate	84-74-2	mg/kg		< 0.45 U	< 0.48 U	0.36 J		0.38 J
di-n-Octylphthalate	117-84-0	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Dinoseb	88-85-7	mg/kg						
Diphenylamine	122-39-4	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Fluoranthene	206-44-0	mg/kg		0.55	0.49	1.7 D		0.44
Fluorene	86-73-7	mg/kg		< 0.45 U	< 0.48 U	0.03 J		0.03 J
Hexachlorobenzene	118-74-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L						
Hexachlorobutadiene	87-68-3	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L						
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 2.2 U	< 2.3 U	< 2.2 U		< 2 U
Hexachloroethane	67-72-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Hexachloroethane - TCLP	67-72-1TCLP	ug/L						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		0.03 J	0.14 J	0.56		0.31 J
Isophorone	78-59-1	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Naphthalene	91-20-3	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		0.04 J
Nitrobenzene - TCLP	98-95-3TCLP	ug/L						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Pentachlorophenol	87-86-5	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L						
Phenanthrene	85-01-8	mg/kg		0.3 J	0.33 J	0.43 J		0.36 J
Phenol	108-95-2	mg/kg		< 0.45 U	< 0.48 U	< 0.46 U		< 0.41 U
Pyrene	129-00-0	mg/kg		0.57	0.49	1.4		0.4 J
Pyridine - TCLP	110-86-1TCLP	ug/L						
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L						
2-Butanone - TCLP	78-93-3TCLP	ug/L						
Benzene - TCLP	71-43-2TCLP	ug/L						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-303-S1-B-1 6/9/2004 4.5 - 4.5 303S1-B-1(4.5-4.5) SO (1)	209, Fmr Bldg 303 F-303-S2-B-1 6/9/2004 4.5 - 4.5 303S2-B-1(4.5-4.5) SO (1)	209, Building 462A F-462A-SS-H-EX-B-1 12/18/2003 3 - 3 462A-SS-HEX-B-1(3-3) SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 4/5/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134148 SO (1)	209, Building 462A F-462A-SS-H-EX-B-2 6/24/2004 4 - 4 462A-SS-HEX-B-2(4-4)-134226 SO (1)
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L						
Trichloroethene - TCLP	79-01-6TCLP	ug/L						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L						
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,2-Dichloroethene	156-59-2	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
m+p-Xylenes	XYL-MP	mg/kg						
Methylene chloride	75-09-2	mg/kg						
o-Xylene	95-47-6	mg/kg						
Styrene	100-42-5	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,2-Dichloroethene	156-60-5	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Moisture	%Moist	%	(1)			29.3		
% Solids	%Solid	%	(1)	73.7	68.2	71.9	81.1	80.1

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-462A-SS-H-EX-SWE-1 12/18/2003 2 - 2 462A-SS-HEX-SWE-1(2-2) SO	209, Building 167 F-B167-SS-10 9/7/2000 0 - 1 B167SS-10A(0-1) SO	209, Building 167 F-B167-SS-11 9/7/2000 0 - 1 B167SS-11A(0-1) SO	209, Building 167 F-B167-SS-12 9/7/2000 0 - 1 B167SS-12A(0-1) SO	209, Building 167 F-B167-SS-13 9/7/2000 0 - 1 B167SS-13A(0-1) SO	209, Building 167 F-B167-SS-14 4/23/2001 0 - 1 B167SS-14A(0-1) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U					
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U					
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U					
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U					
HMX	2691-41-0	mg/kg	(1)	< 0.5 U					
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U					
Nitrobenzene	98-95-3	mg/kg	(2)	< 0.42 U					
Nitrocellulose	9004-70-0	mg/kg	(1)	515 JQD					
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)	< 0.5 U					
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U					
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.42 U					
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	0.04 J					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.42 U					
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.25 U					
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)	14000	7710 J	7670 J	6960 J	7510 J	
Antimony	7440-36-0	mg/kg	(1)	0.57 J	< 1.2 UJ	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ	
Arsenic	7440-38-2	mg/kg	(1)	7.8	7.1 J	10.1 J	5 J	6.1 J	
Barium	7440-39-3	mg/kg	(1)	158	75.6 J	110 J	29.9 J	97 J	
Beryllium	7440-41-7	mg/kg	(1)	0.25 J	0.09 J	0.09 J	0.08 J	0.18 J	
Cadmium	7440-43-9	mg/kg	(1)	< 0.26 U	1.1 J	1.9 J	0.97 J	0.77 J	
Calcium	7440-70-2	mg/kg	(1)	2120	1570 J	4550 J	1210 J	2360 J	
Chromium	7440-47-3	mg/kg	(1)	13.8	15.3 J	17.3 J	14.1 J	10.9 J	
Cobalt	7440-48-4	mg/kg	(1)	6.8	6.4 J	5.2 J	7.2 J	5.7 J	
Copper	7440-50-8	mg/kg	(1)	21.5	189 J	306 J	1300 J	174 J	
Iron	7439-89-6	mg/kg	(1)	19500	15700 J	14100 J	19100 J	11300 J	
Lead	7439-92-1	mg/kg	(1)	71.6	< 0.36 R	< 1.7 R	< 0.34 R	< 0.34 R	
Magnesium	7439-95-4	mg/kg	(1)	2070	1630 J	2110 J	2000 J	1540 J	
Manganese	7439-96-5	mg/kg	(1)	1340	267 J	240 J	278 J	260 J	
Mercury	7439-97-6	mg/kg	(1)	0.21	33 JD	16.7 JD	6.9 JD	7.6 JD	
Nickel	7440-02-0	mg/kg	(1)	11.7	54.9 J	11.4 J	18 J	9.4 J	
Potassium	7440-09-7	mg/kg	(1)	585 J	337 J	657 J	575 J	409 J	
Selenium	7782-49-2	mg/kg	(1)	< 0.64 U	0.43 J	0.35 J	< 0.57 UJ	< 0.57 UJ	
Silver	7440-22-4	mg/kg	(1)	< 0.64 U	0.23 J	1.7 J	< 0.57 UJ	1.2 J	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-462A-SS-H-EX-SWE-1 12/18/2003 2 - 2 462A-SS-HEX-SWE-1(2-2) SO	209, Building 167 F-B167-SS-10 9/7/2000 0 - 1 B167SS-10A(0-1) SO	209, Building 167 F-B167-SS-11 9/7/2000 0 - 1 B167SS-11A(0-1) SO	209, Building 167 F-B167-SS-12 9/7/2000 0 - 1 B167SS-12A(0-1) SO	209, Building 167 F-B167-SS-13 9/7/2000 0 - 1 B167SS-13A(0-1) SO	209, Building 167 F-B167-SS-14 4/23/2001 0 - 1 B167SS-14A(0-1) SO
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)	< 640 U	64.3 J	98.8 J	75.6 J	59.6 J	
Thallium	7440-28-0	mg/kg	(1)	< 1.3 U	< 1.2 U	< 1.1 U	< 1.1 U	< 1.1 U	
Vanadium	7440-62-2	mg/kg	(1)	24.2	18.7 J	17.8 J	16.4 J	14.3 J	
Zinc	7440-66-6	mg/kg	(1)	138	110 J	371 J	219 J	115 J	
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-462A-SS-H-EX-SWE-1 12/18/2003 2 - 2 462A-SS-HEX-SWE-1(2-2) SO	209, Building 167 F-B167-SS-10 9/7/2000 0 - 1 B167SS-10A(0-1) SO	209, Building 167 F-B167-SS-11 9/7/2000 0 - 1 B167SS-11A(0-1) SO	209, Building 167 F-B167-SS-12 9/7/2000 0 - 1 B167SS-12A(0-1) SO	209, Building 167 F-B167-SS-13 9/7/2000 0 - 1 B167SS-13A(0-1) SO	209, Building 167 F-B167-SS-14 4/23/2001 0 - 1 B167SS-14A(0-1) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.42 U					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.42 U					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.42 U					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.42 U					
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.42 U					
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.42 U					
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.42 U					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.42 U					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 2 U					
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.42 U					
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.42 U					
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.42 U					
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.42 U					
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)	< 2 U					
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.42 U					
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 2 U					
3-Nitroaniline	99-09-2	mg/kg	(1)	< 2 U					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 2 U					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.42 U					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.42 U					
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.42 U					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.42 U					
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.42 U					
4-Nitroaniline	100-01-6	mg/kg	(1)	< 2 U					
4-Nitrophenol	100-02-7	mg/kg	(1)	< 2 U					
Acenaphthene	83-32-9	mg/kg	(1)	< 0.42 U					< 0.42 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.42 U					< 0.42 U
Aniline	62-53-3	mg/kg	(1)	< 0.42 U					
Anthracene	120-12-7	mg/kg	(1)	0.03 J					< 0.42 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.21 J					0.19 J

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-462A-SS-H-EX-SWE-1 12/18/2003 2 - 2 462A-SS-HEX-SWE-1(2-2) SO	209, Building 167 F-B167-SS-10 9/7/2000 0 - 1 B167SS-10A(0-1) SO	209, Building 167 F-B167-SS-11 9/7/2000 0 - 1 B167SS-11A(0-1) SO	209, Building 167 F-B167-SS-12 9/7/2000 0 - 1 B167SS-12A(0-1) SO	209, Building 167 F-B167-SS-13 9/7/2000 0 - 1 B167SS-13A(0-1) SO	209, Building 167 F-B167-SS-14 4/23/2001 0 - 1 B167SS-14A(0-1) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.21 J					0.24 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.29 J					0.35 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.12 J					0.14 J
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.12 J					0.16 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.42 U					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.42 U					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.42 U					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.42 U					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.42 U					
Carbazole	86-74-8	mg/kg	(1)	< 0.42 U					
Chrysene	218-01-9	mg/kg	(1)	0.19 J					0.29 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.04 J					< 0.42 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.42 U					
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.42 U					
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.42 U					
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.42 U					
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.42 U					
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)	< 0.42 U					
Fluoranthene	206-44-0	mg/kg	(1)	0.51					0.34 J
Fluorene	86-73-7	mg/kg	(1)	< 0.42 U					< 0.42 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.42 U					
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.42 U					
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 2 U					
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.42 U					
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.12 J					0.14 J
Isophorone	78-59-1	mg/kg	(1)	< 0.42 U					
Naphthalene	91-20-3	mg/kg	(1)	0.02 J					< 0.42 U
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.42 U					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.42 U					
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.42 U					
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)	0.15 J					< 0.42 U
Phenol	108-95-2	mg/kg	(1)	< 0.42 U					
Pyrene	129-00-0	mg/kg	(1)	0.36 J					0.34 J
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-462A-SS-H-EX-SWE-1 12/18/2003 2 - 2 462A-SS-HEX-SWE-1(2-2) SO (1)	209, Building 167 F-B167-SS-10 9/7/2000 0 - 1 B167SS-10A(0-1) SO (1)	209, Building 167 F-B167-SS-11 9/7/2000 0 - 1 B167SS-11A(0-1) SO (1)	209, Building 167 F-B167-SS-12 9/7/2000 0 - 1 B167SS-12A(0-1) SO (1)	209, Building 167 F-B167-SS-13 9/7/2000 0 - 1 B167SS-13A(0-1) SO (1)	209, Building 167 F-B167-SS-14 4/23/2001 0 - 1 B167SS-14A(0-1) SO (1)
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L							
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L							
Trichloroethene - TCLP	79-01-6TCLP	ug/L							
Vinyl chloride - TCLP	75-01-4TCLP	ug/L							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg							
1,1,2-Trichloroethane	79-00-5	mg/kg							
1,1-Dichloroethane	75-34-3	mg/kg							
1,1-Dichloroethene	75-35-4	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg							
2-Butanone	78-93-3	mg/kg							
2-Hexanone	591-78-6	mg/kg							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							
Acetone	67-64-1	mg/kg							
Acetonitrile	75-05-8	mg/kg							
Benzene	71-43-2	mg/kg							
Bromodichloromethane	75-27-4	mg/kg							
Bromoform	75-25-2	mg/kg							
Bromomethane	74-83-9	mg/kg							
Carbon disulfide	75-15-0	mg/kg							
Carbon tetrachloride	56-23-5	mg/kg							
Chlorobenzene	108-90-7	mg/kg							
Chloroethane	75-00-3	mg/kg							
Chloroform	67-66-3	mg/kg							
Chloromethane	74-87-3	mg/kg							
cis-1,2-Dichloroethene	156-59-2	mg/kg							
cis-1,3-Dichloropropene	10061-01-5	mg/kg							
Dibromochloromethane	124-48-1	mg/kg							
Dichlorodifluoromethane	75-71-8	mg/kg							
Ethyl benzene	100-41-4	mg/kg							
m+p-Xylenes	XYL-MP	mg/kg							
Methylene chloride	75-09-2	mg/kg							
o-Xylene	95-47-6	mg/kg							
Styrene	100-42-5	mg/kg							
Tetrachloroethene	127-18-4	mg/kg							
Toluene	108-88-3	mg/kg							
trans-1,2-Dichloroethene	156-60-5	mg/kg							
trans-1,3-Dichloropropene	10061-02-6	mg/kg							
Trichloroethene	79-01-6	mg/kg							
Trichlorofluoromethane	75-69-4	mg/kg							
Vinyl chloride	75-01-4	mg/kg							
Xylenes	1330-20-7	mg/kg							
WetChem									
% Moisture	%Moist	%		18					
% Solids	%Solid	%		78.1	82.9	90.5	87.7	87.2	78.8

Chemical Name	CAS No	Unit	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Value	No
			209, Building 167	F-B167-SS-15	4/23/2001	0 - 1	B167SS-15A(0-1)	SO		
			209, Building 167	F-B167-SS-16	4/23/2001	0 - 1	B167SS-16A(0-1)	SO		
			209, Building 167	F-B167-SS-17	4/23/2001	1 - 2	B167SS-17B(1-2)	SO		
			209, Building 167	F-B167-SS-17	4/23/2001	1 - 2	B167SS-17BDUP(1-2)	SO		
			209, Building 167	F-B167-SS-6	9/7/2000	0 - 1	B167SS-6A(0-1)	SO		
			209, Building 167	F-B167-SS-7	9/7/2000	0 - 1	B167SS-7A(0-1)	SO		
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg							(1)	
1,3-Dinitrobenzene	99-65-0	mg/kg							(1)	
2,4,6-Trinitrotoluene	118-96-7	mg/kg							(1)	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg							(1)	
2-Nitrotoluene	88-72-2	mg/kg							(1)	
3-Nitrotoluene	99-08-1	mg/kg							(1)	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg							(1)	
4-Nitrotoluene	99-99-0	mg/kg							(1)	
HMX	2691-41-0	mg/kg							(1)	
Nitrobenzene	98-95-3	mg/kg							(1)	
Nitrobenzene	98-95-3	mg/kg							(2)	
Nitrocellulose	9004-70-0	mg/kg							(1)	
Nitroglycerin	55-63-0	mg/kg							(1)	
Nitroguanidine	556-88-7	mg/kg							(1)	
PETN	78-11-5	mg/kg							(1)	
RDX	121-82-4	mg/kg							(1)	
Tetryl	479-45-8	mg/kg							(1)	
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg							(1)	
2,4-Dinitrotoluene	121-14-2	mg/kg							(2)	
2,6-Dinitrotoluene	606-20-2	mg/kg							(1)	
2,6-Dinitrotoluene	606-20-2	mg/kg							(2)	
Herbicide										
2,4,5-T	93-76-5	mg/kg							(1)	
2,4,5-TP (Silvex)	93-72-1	mg/kg							(1)	
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg							(1)	
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg							(1)	
Isotope										
Radium-228	15262-20-1	pCi/g							(1)	
Metals										
Aluminum	7429-90-5	mg/kg							(1)	
Antimony	7440-36-0	mg/kg							(1)	
Arsenic	7440-38-2	mg/kg							(1)	
Barium	7440-39-3	mg/kg							(1)	
Beryllium	7440-41-7	mg/kg							(1)	
Cadmium	7440-43-9	mg/kg							(1)	
Calcium	7440-70-2	mg/kg							(1)	
Chromium	7440-47-3	mg/kg							(1)	
Cobalt	7440-48-4	mg/kg							(1)	
Copper	7440-50-8	mg/kg							(1)	
Iron	7439-89-6	mg/kg							(1)	
Lead	7439-92-1	mg/kg							(1)	
Magnesium	7439-95-4	mg/kg							(1)	
Manganese	7439-96-5	mg/kg							(1)	
Mercury	7439-97-6	mg/kg							(1)	
Nickel	7440-02-0	mg/kg							(1)	
Potassium	7440-09-7	mg/kg							(1)	
Selenium	7782-49-2	mg/kg							(1)	
Silver	7440-22-4	mg/kg							(1)	

Chemical Name	CAS No	Unit	Site Name	209, Building 167	209, Building 167	209, Building 167	209, Building 167	209, Building 167	209, Building 167
			Location ID	F-B167-SS-15	F-B167-SS-16	F-B167-SS-17	F-B167-SS-17	F-B167-SS-6	F-B167-SS-7
			Sample Date	4/23/2001	4/23/2001	4/23/2001	4/23/2001	9/7/2000	9/7/2000
			Depth Interval	0 - 1	0 - 1	1 - 2	1 - 2	0 - 1	0 - 1
			Sample ID	B167SS-15A(0-1)	B167SS-16A(0-1)	B167SS-17B(1-2)	B167SS-17BDUP(1-2)	B167SS-6A(0-1)	B167SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-15 4/23/2001 0 - 1 B167SS-15A(0-1) SO	209, Building 167 F-B167-SS-16 4/23/2001 0 - 1 B167SS-16A(0-1) SO	209, Building 167 F-B167-SS-17 4/23/2001 1 - 2 B167SS-17B(1-2) SO	209, Building 167 F-B167-SS-17 4/23/2001 1 - 2 B167SS-17BDUP(1-2) SO	209, Building 167 F-B167-SS-6 9/7/2000 0 - 1 B167SS-6A(0-1) SO	209, Building 167 F-B167-SS-7 9/7/2000 0 - 1 B167SS-7A(0-1) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)	< 0.38 U	< 0.48 U	0.18 J	< 0.4 U	< 0.36 U	0.91 JD
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.38 U	< 0.48 U	< 0.39 U	< 0.4 U	< 0.36 U	0.43 JD
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)	< 0.38 U	< 0.48 U	0.43	< 0.4 U	0.05 J	2.4 D
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.22 J	< 0.48 U	0.82	0.22 J	0.24 J	7 D

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-15 4/23/2001 0 - 1 B167SS-15A(0-1) SO	209, Building 167 F-B167-SS-16 4/23/2001 0 - 1 B167SS-16A(0-1) SO	209, Building 167 F-B167-SS-17 4/23/2001 1 - 2 B167SS-17B(1-2) SO	209, Building 167 F-B167-SS-17 4/23/2001 1 - 2 B167SS-17BDUP(1-2) SO	209, Building 167 F-B167-SS-6 9/7/2000 0 - 1 B167SS-6A(0-1) SO	209, Building 167 F-B167-SS-7 9/7/2000 0 - 1 B167SS-7A(0-1) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.2 J	< 0.48 U	0.48	< 0.4 U	0.28 J	7.1 D
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.21 J	0.21 J	0.86	0.21 J	0.43	14 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.38 U	< 0.48 U	0.3 J	< 0.4 U	0.18 J	5.1 D
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.38 U	< 0.48 U	0.31 J	0.22 J	0.18 J	5.8 D
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)	0.2 J	< 0.48 U	0.77	< 0.4 UJ	0.31 J	11 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.38 U	< 0.48 U	< 0.39 U	< 0.4 U	< 0.36 U	1.4 JD
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)	0.48	0.17 J	1.5	0.32 J	0.5	15 D
Fluorene	86-73-7	mg/kg	(1)	< 0.38 U	< 0.48 U	0.19 J	< 0.4 U	< 0.36 U	1.1 JD
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.38 U	< 0.48 U	0.26 J	< 0.4 U	0.19 J	6 D
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)	< 0.38 U	< 0.48 U	< 0.39 U	< 0.4 U	< 0.36 U	0.29 JD
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)	0.39	< 0.48 U	1.4	< 0.4 U	0.24 J	9.9 D
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)	0.42	0.2 J	1.5	0.31 J	0.49	13 D
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-15 4/23/2001 0 - 1 B167SS-15A(0-1) SO	209, Building 167 F-B167-SS-16 4/23/2001 0 - 1 B167SS-16A(0-1) SO	209, Building 167 F-B167-SS-17 4/23/2001 1 - 2 B167SS-17B(1-2) SO	209, Building 167 F-B167-SS-17 4/23/2001 1 - 2 B167SS-17BDUP(1-2) SO	209, Building 167 F-B167-SS-6 9/7/2000 0 - 1 B167SS-6A(0-1) SO	209, Building 167 F-B167-SS-7 9/7/2000 0 - 1 B167SS-7A(0-1) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	86.4	68.4	84.3	83.3	92.1	92.6

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-8 9/7/2000 0 - 1 B167SS-8A(0-1) SO	209, Building 167 F-B167-SS-9 9/20/2000 0 - 1 B167SS-9A(0-1)-120097 SO	209, Building 167 F-B167-SS-9 1/24/2001 0 - 1 B167SS-9A(0-1)-120357 SO	209, Fmr Bldg 303 F-B303DC-1 5/26/2004 0 - 5 B303DC-1(0-5) SO	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1(7.5-7.5) SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.25 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.25 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 0.25 U			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)		< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.25 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)		< 0.25 U			
HMX	2691-41-0	mg/kg	(1)		< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.25 U			< 0.35 U
Nitrobenzene	98-95-3	mg/kg	(2)					
Nitrocellulose	9004-70-0	mg/kg	(1)		3			
Nitroglycerin	55-63-0	mg/kg	(1)		< 0.5 U			
Nitroguanidine	556-88-7	mg/kg	(1)		< 0.25 U			
PETN	78-11-5	mg/kg	(1)		< 0.5 U			
RDX	121-82-4	mg/kg	(1)		< 0.25 U			
Tetryl	479-45-8	mg/kg	(1)		< 0.25 U			
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.25 U			< 0.35 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.25 U			< 0.35 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					
Herbicide								
2,4,5-T	93-76-5	mg/kg	(1)				< 0.023 U	
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)				< 0.023 U	
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)				< 0.093 U	
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)				< 0.093 U	
Isotope								
Radium-228	15262-20-1	pCi/g	(1)			< 0.39 U		
Metals								
Aluminum	7429-90-5	mg/kg	(1)		6750			
Antimony	7440-36-0	mg/kg	(1)		0.84 J			
Arsenic	7440-38-2	mg/kg	(1)		6.2			5.3
Barium	7440-39-3	mg/kg	(1)		107			
Beryllium	7440-41-7	mg/kg	(1)		< 0.59 U			
Cadmium	7440-43-9	mg/kg	(1)		1.2			
Calcium	7440-70-2	mg/kg	(1)		1640			
Chromium	7440-47-3	mg/kg	(1)		10.3			
Cobalt	7440-48-4	mg/kg	(1)		4.7 J			
Copper	7440-50-8	mg/kg	(1)		52.9			
Iron	7439-89-6	mg/kg	(1)		15200			
Lead	7439-92-1	mg/kg	(1)		181 J			10
Magnesium	7439-95-4	mg/kg	(1)		1390			
Manganese	7439-96-5	mg/kg	(1)		254			
Mercury	7439-97-6	mg/kg	(1)		8.9 D			
Nickel	7440-02-0	mg/kg	(1)		8.6			
Potassium	7440-09-7	mg/kg	(1)		396 J			
Selenium	7782-49-2	mg/kg	(1)		0.54 J			
Silver	7440-22-4	mg/kg	(1)		< 0.59 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-8 9/7/2000 0 - 1 B167SS-8A(0-1) SO	209, Building 167 F-B167-SS-9 9/20/2000 0 - 1 B167SS-9A(0-1)-120097 SO	209, Building 167 F-B167-SS-9 1/24/2001 0 - 1 B167SS-9A(0-1)-120357 SO	209, Fmr Bldg 303 F-B303DC-1 5/26/2004 0 - 5 B303DC-1(0-5) SO	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1(7.5-7.5) SO
Metals (continued)								
Sodium	7440-23-5	mg/kg	(1)		59.6 J			
Thallium	7440-28-0	mg/kg	(1)		< 1.2 U			
Vanadium	7440-62-2	mg/kg	(1)		16.7			
Zinc	7440-66-6	mg/kg	(1)		113 J			
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.039 U		< 0.038 U	
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.039 U		< 0.038 U	
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.039 U		< 0.038 U	
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.039 U		< 0.038 U	
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.039 U		< 0.038 U	
Aroclor 1254	11097-69-1	mg/kg	(1)		< 0.039 U		< 0.038 U	
Aroclor 1260	11096-82-5	mg/kg	(1)		< 0.039 U		< 0.038 U	
Pesticides								
4,4'-DDD	72-54-8	mg/kg	(1)		< 0.2 U		< 0.99 UD	
4,4'-DDE	72-55-9	mg/kg	(1)		0.08 J		< 0.99 UD	
4,4'-DDT	50-29-3	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Aldrin	309-00-2	mg/kg	(1)		< 0.2 U		< 0.99 UD	
alpha-BHC	319-84-6	mg/kg	(1)		< 0.2 U		< 0.99 UD	
alpha-Chlordane	5103-71-9	mg/kg	(1)		< 0.2 U			
beta-BHC	319-85-7	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Chlordane	57-74-9	mg/kg	(1)				< 0.099 UD	
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)				< 5 U	
Dalapon	75-99-0	mg/kg	(1)				< 0.047 U	
delta-BHC	319-86-8	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Dicamba	1918-00-9	mg/kg	(1)				< 0.047 U	
Dichloroprop	120-36-5	mg/kg	(1)				< 0.093 U	
Dieldrin	60-57-1	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Endosulfan I	959-98-8	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Endosulfan II	33213-65-9	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Endosulfan sulfate	1031-07-8	mg/kg	(1)		< 0.2 U		0.85 JD	
Endrin	72-20-8	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Endrin - TCLP	72-20-8TCLP	ug/L	(1)				< 0.5 U	
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Endrin ketone	53494-70-5	mg/kg	(1)		< 0.2 U		0.01 D	
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.2 U		< 0.99 UD	
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)				< 0.5 U	
gamma-Chlordane	5103-74-2	mg/kg	(1)		< 0.2 U			
Heptachlor	76-44-8	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)				< 0.5 U	
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.2 U		< 0.99 UD	
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)				< 0.5 U	
Methoxychlor	72-43-5	mg/kg	(1)		< 0.39 U		0.01 JPGD	
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)				< 1 U	
Toxaphene	8001-35-2	mg/kg	(1)		< 0.079 U		< 0.39 UD	
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)				< 20 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-8 9/7/2000 0 - 1 B167SS-8A(0-1) SO	209, Building 167 F-B167-SS-9 9/20/2000 0 - 1 B167SS-9A(0-1)-120097 SO	209, Building 167 F-B167-SS-9 1/24/2001 0 - 1 B167SS-9A(0-1)-120357 SO	209, Fmr Bldg 303 F-B303DC-1 5/26/2004 0 - 5 B303DC-1(0-5) SO	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1(7.5-7.5) SO
Radiological								
Americium-241	86954-36-1	pCi/g	(1)			< 1.6 U		
Cesium-137	10045-97-3	pCi/g	(1)			1.07		
Cobalt-60	10198-40-0	pCi/g	(1)			< 0.079 U		
Gross alpha	12587-46-1	pCi/g	(1)			28.1		
Gross beta	12587-47-2	pCi/g	(1)			73.1		
Radium-226	13982-63-3	pCi/g	(1)			0.4 J		
Total Uranium	7440-61-1 U	mg/kg	(1)			< 1 UD		
Uranium-234	13966-29-5	pCi/g	(1)			0.32 J		
Uranium-235	15117-96-1	pCi/g	(1)			< 0.056 U		
Uranium-238	7440-61-1 U-238	pCi/g	(1)			< 0.09 U		
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					< 0.35 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					< 0.35 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					< 0.35 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					< 0.35 U
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)					
1-Methylnaphthalene	90-12-0	mg/kg	(1)					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					< 0.35 U
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					< 0.35 U
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					< 0.35 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					< 0.35 UJ
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					< 1.7 U
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)					
2-Chloronaphthalene	91-58-7	mg/kg	(1)					< 0.35 U
2-Chlorophenol	95-57-8	mg/kg	(1)					< 0.35 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)					< 0.35 U
2-Methylphenol	95-48-7	mg/kg	(1)					< 0.35 U
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)					
2-Nitroaniline	88-74-4	mg/kg	(1)					< 1.7 U
2-Nitrophenol	88-75-5	mg/kg	(1)					< 0.35 U
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					< 1.7 U
3-Nitroaniline	99-09-2	mg/kg	(1)					< 1.7 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					< 1.7 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					< 0.35 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					< 0.35 U
4-Chloroaniline	106-47-8	mg/kg	(1)					< 0.35 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					< 0.35 U
4-Methylphenol	106-44-5	mg/kg	(1)					< 0.35 U#
4-Nitroaniline	100-01-6	mg/kg	(1)					< 1.7 U
4-Nitrophenol	100-02-7	mg/kg	(1)					< 1.7 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.38 U				< 0.35 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.38 U				< 0.35 U
Aniline	62-53-3	mg/kg	(1)					< 0.35 U
Anthracene	120-12-7	mg/kg	(1)	< 0.38 U				< 0.35 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.27 J				< 0.35 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-8 9/7/2000 0 - 1 B167SS-8A(0-1) SO (1)	209, Building 167 F-B167-SS-9 9/20/2000 0 - 1 B167SS-9A(0-1)-120097 SO (1)	209, Building 167 F-B167-SS-9 1/24/2001 0 - 1 B167SS-9A(0-1)-120357 SO (1)	209, Fmr Bldg 303 F-B303DC-1 5/26/2004 0 - 5 B303DC-1(0-5) SO (1)	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1(7.5-7.5) SO (1)
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.34 J				< 0.35 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.6				< 0.35 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.23 J				< 0.35 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.26 J				< 0.35 UJ
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					< 0.35 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					< 0.35 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					< 0.35 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					< 0.35 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					< 0.35 U
Carbazole	86-74-8	mg/kg	(1)					< 0.35 U
Chrysene	218-01-9	mg/kg	(1)	0.49				< 0.35 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.07 J				< 0.35 U
Dibenzofuran	132-64-9	mg/kg	(1)					< 0.35 U
Diethylphthalate	84-66-2	mg/kg	(1)					< 0.35 U
Dimethylphthalate	131-11-3	mg/kg	(1)					< 0.35 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)					< 0.35 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)					< 0.35 U
Dinoseb	88-85-7	mg/kg	(1)				< 0.014 U	
Diphenylamine	122-39-4	mg/kg	(1)					< 0.35 U
Fluoranthene	206-44-0	mg/kg	(1)	0.77				< 0.35 U
Fluorene	86-73-7	mg/kg	(1)	< 0.38 U				< 0.35 U
Hexachlorobenzene	118-74-1	mg/kg	(1)					< 0.35 U
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					< 0.35 U
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					< 1.7 U
Hexachloroethane	67-72-1	mg/kg	(1)					< 0.35 U
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.26 J				< 0.35 U
Isophorone	78-59-1	mg/kg	(1)					< 0.35 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.38 U				< 0.35 U
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					< 0.35 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					< 0.35 U
Pentachlorophenol	87-86-5	mg/kg	(1)					< 0.35 U
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)					
Phenanthrene	85-01-8	mg/kg	(1)	0.26 J				< 0.35 U
Phenol	108-95-2	mg/kg	(1)					< 0.35 U
Pyrene	129-00-0	mg/kg	(1)	0.7				< 0.35 U
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)					
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)				< 70 U	
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)				< 25 U	
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)				< 100 U	
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)				< 500 U	
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)				< 50 U	
Benzene - TCLP	71-43-2TCLP	ug/L	(1)				< 25 U	
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)				< 25 U	
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)				< 25 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 167 F-B167-SS-8 9/7/2000 0 - 1 B167SS-8A(0-1) SO	209, Building 167 F-B167-SS-9 9/20/2000 0 - 1 B167SS-9A(0-1)-120097 SO	209, Building 167 F-B167-SS-9 1/24/2001 0 - 1 B167SS-9A(0-1)-120357 SO	209, Fmr Bldg 303 F-B303DC-1 5/26/2004 0 - 5 B303DC-1(0-5) SO	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1(7.5-7.5) SO
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)				< 25 U	
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)				< 70 U	
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)				< 50 U	
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)				< 50 U	
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.8 UD		< 0.58 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.8 UD		< 0.58 U	
2-Butanone	78-93-3	mg/kg	(1)		< 16 UD		< 0.023 U	
2-Hexanone	591-78-6	mg/kg	(1)		< 8 UD		< 0.023 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 8 UD		< 0.023 U	
Acetone	67-64-1	mg/kg	(1)		< 16 (U)D		< 0.023 (U)	
Acetonitrile	75-05-8	mg/kg	(1)		< 32 R		< 0.12 U	
Benzene	71-43-2	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Bromoform	75-25-2	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Bromomethane	74-83-9	mg/kg	(1)		< 1.6 UD		< 0.58 U	
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.8 UJD		< 0.58 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Chloroethane	75-00-3	mg/kg	(1)		< 1.6 UD		< 0.58 U	
Chloroform	67-66-3	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Chloromethane	74-87-3	mg/kg	(1)		< 1.6 UD		< 0.58 U	
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)		< 0.8 UD		< 0.29 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 1.6 UD		< 0.58 U	
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.8 UD		< 0.58 U	
m+p-Xylenes	XYL-MP	mg/kg	(1)				< 0.58 U	
Methylene chloride	75-09-2	mg/kg	(1)		< 0.8 (U)D		< 0.58 (U)	
o-Xylene	95-47-6	mg/kg	(1)				< 0.29 U	
Styrene	100-42-5	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Toluene	108-88-3	mg/kg	(1)		0.69 JD		< 0.58 U	
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)		< 0.8 UD		< 0.29 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Trichloroethene	79-01-6	mg/kg	(1)		< 0.8 UD		0.46 J	
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.8 UD		< 0.58 U	
Vinyl chloride	75-01-4	mg/kg	(1)		< 1.6 UD		< 0.58 U	
Xylenes	1330-20-7	mg/kg	(1)		< 0.8 UD		< 0.58 U	
WetChem								
% Moisture	%Moist	%	(1)		14.8			
% Solids	%Solid	%	(1)	85.9	85.3		86	93

Chemical Name	CAS No	Unit	ValueNo	Site Name: 209, Fmr Bldg 303 Location ID: F-B303-EX1-B1 Sample Date: 6/8/2004 Depth Interval: 7.5 - 7.5 Sample ID: B303EX1-B1DUP(7.5-7.5) Sample Matrix: SO	Site Name: 209, Fmr Bldg 303 Location ID: F-B303-EX1-SWE-1 Sample Date: 6/8/2004 Depth Interval: 6.5 - 6.5 Sample ID: B303EX1-SWE-1(6.5-6.5) Sample Matrix: SO	Site Name: 209, Fmr Bldg 303 Location ID: F-B303-EX1-SWN-1 Sample Date: 6/8/2004 Depth Interval: 6.5 - 6.5 Sample ID: B303EX1-SWN-1(6.5-6.5) Sample Matrix: SO	Site Name: 209, Fmr Bldg 303 Location ID: F-B303-EX1-SWS-1 Sample Date: 6/8/2004 Depth Interval: 6.5 - 6.5 Sample ID: B303EX1-SWS-1(6.5-6.5) Sample Matrix: SO
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)				
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)				
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)				
2-Nitrotoluene	88-72-2	mg/kg	(1)				
3-Nitrotoluene	99-08-1	mg/kg	(1)				
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)				
4-Nitrotoluene	99-99-0	mg/kg	(1)				
HMX	2691-41-0	mg/kg	(1)				
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Nitrobenzene	98-95-3	mg/kg	(2)				
Nitrocellulose	9004-70-0	mg/kg	(1)				
Nitroglycerin	55-63-0	mg/kg	(1)				
Nitroguanidine	556-88-7	mg/kg	(1)				
PETN	78-11-5	mg/kg	(1)				
RDX	121-82-4	mg/kg	(1)				
Tetryl	479-45-8	mg/kg	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)				
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)				
Herbicide							
2,4,5-T	93-76-5	mg/kg	(1)				
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)				
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)				
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)				
Isotope							
Radium-228	15262-20-1	pCi/g	(1)				
Metals							
Aluminum	7429-90-5	mg/kg	(1)				
Antimony	7440-36-0	mg/kg	(1)				
Arsenic	7440-38-2	mg/kg	(1)	3.6	3.7	2.5	5.4
Barium	7440-39-3	mg/kg	(1)				
Beryllium	7440-41-7	mg/kg	(1)				
Cadmium	7440-43-9	mg/kg	(1)				
Calcium	7440-70-2	mg/kg	(1)				
Chromium	7440-47-3	mg/kg	(1)				
Cobalt	7440-48-4	mg/kg	(1)				
Copper	7440-50-8	mg/kg	(1)				
Iron	7439-89-6	mg/kg	(1)				
Lead	7439-92-1	mg/kg	(1)	12.6	5.6	7.1	26.3
Magnesium	7439-95-4	mg/kg	(1)				
Manganese	7439-96-5	mg/kg	(1)				
Mercury	7439-97-6	mg/kg	(1)				
Nickel	7440-02-0	mg/kg	(1)				
Potassium	7440-09-7	mg/kg	(1)				
Selenium	7782-49-2	mg/kg	(1)				
Silver	7440-22-4	mg/kg	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1DUP(7.5-7.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWE-1 6/8/2004 6.5 - 6.5 B303EX1-SWE-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWN-1 6/8/2004 6.5 - 6.5 B303EX1-SWN-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWS-1 6/8/2004 6.5 - 6.5 B303EX1-SWS-1(6.5-6.5) SO
Metals (continued)							
Sodium	7440-23-5	mg/kg	(1)				
Thallium	7440-28-0	mg/kg	(1)				
Vanadium	7440-62-2	mg/kg	(1)				
Zinc	7440-66-6	mg/kg	(1)				
PCBs							
Aroclor 1016	12674-11-2	mg/kg	(1)				
Aroclor 1221	11104-28-2	mg/kg	(1)				
Aroclor 1232	11141-16-5	mg/kg	(1)				
Aroclor 1242	53469-21-9	mg/kg	(1)				
Aroclor 1248	12672-29-6	mg/kg	(1)				
Aroclor 1254	11097-69-1	mg/kg	(1)				
Aroclor 1260	11096-82-5	mg/kg	(1)				
Pesticides							
4,4'-DDD	72-54-8	mg/kg	(1)				
4,4'-DDE	72-55-9	mg/kg	(1)				
4,4'-DDT	50-29-3	mg/kg	(1)				
Aldrin	309-00-2	mg/kg	(1)				
alpha-BHC	319-84-6	mg/kg	(1)				
alpha-Chlordane	5103-71-9	mg/kg	(1)				
beta-BHC	319-85-7	mg/kg	(1)				
Chlordane	57-74-9	mg/kg	(1)				
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)				
Dalapon	75-99-0	mg/kg	(1)				
delta-BHC	319-86-8	mg/kg	(1)				
Dicamba	1918-00-9	mg/kg	(1)				
Dichloroprop	120-36-5	mg/kg	(1)				
Dieldrin	60-57-1	mg/kg	(1)				
Endosulfan I	959-98-8	mg/kg	(1)				
Endosulfan II	33213-65-9	mg/kg	(1)				
Endosulfan sulfate	1031-07-8	mg/kg	(1)				
Endrin	72-20-8	mg/kg	(1)				
Endrin - TCLP	72-20-8TCLP	ug/L	(1)				
Endrin aldehyde	7421-93-4	mg/kg	(1)				
Endrin ketone	53494-70-5	mg/kg	(1)				
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)				
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)				
gamma-Chlordane	5103-74-2	mg/kg	(1)				
Heptachlor	76-44-8	mg/kg	(1)				
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)				
Heptachlor epoxide	1024-57-3	mg/kg	(1)				
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)				
Methoxychlor	72-43-5	mg/kg	(1)				
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)				
Toxaphene	8001-35-2	mg/kg	(1)				
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1DUP(7.5-7.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWE-1 6/8/2004 6.5 - 6.5 B303EX1-SWE-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWN-1 6/8/2004 6.5 - 6.5 B303EX1-SWN-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWS-1 6/8/2004 6.5 - 6.5 B303EX1-SWS-1(6.5-6.5) SO
Radiological							
Americium-241	86954-36-1	pCi/g	(1)				
Cesium-137	10045-97-3	pCi/g	(1)				
Cobalt-60	10198-40-0	pCi/g	(1)				
Gross alpha	12587-46-1	pCi/g	(1)				
Gross beta	12587-47-2	pCi/g	(1)				
Radium-226	13982-63-3	pCi/g	(1)				
Total Uranium	7440-61-1 U	mg/kg	(1)				
Uranium-234	13966-29-5	pCi/g	(1)				
Uranium-235	15117-96-1	pCi/g	(1)				
Uranium-238	7440-61-1 U-238	pCi/g	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)				
1-Methylnaphthalene	90-12-0	mg/kg	(1)				
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.35 UJ	< 0.36 U	< 0.36 U	< 0.37 UJ
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.7 U	< 1.7 UJ	< 1.7 UJ	< 1.8 U
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)				
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)				
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.8 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.8 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.8 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.35 U#	< 0.36 U#	< 0.36 U#	< 0.37 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.8 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.7 U	< 1.7 UJ	< 1.7 UJ	< 1.8 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Aniline	62-53-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Anthracene	120-12-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1DUP(7.5-7.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWE-1 6/8/2004 6.5 - 6.5 B303EX1-SWE-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWN-1 6/8/2004 6.5 - 6.5 B303EX1-SWN-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWS-1 6/8/2004 6.5 - 6.5 B303EX1-SWS-1(6.5-6.5) SO
SVOC (continued)							
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.35 UJ	< 0.36 U	< 0.36 U	< 0.37 UJ
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.35 U	< 0.36 UJ	< 0.36 UJ	< 0.37 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Carbazole	86-74-8	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Chrysene	218-01-9	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Dinoseb	88-85-7	mg/kg	(1)				
Diphenylamine	122-39-4	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Fluorene	86-73-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)				
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U	< 1.8 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Isophorone	78-59-1	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)				
Phenanthrene	85-01-8	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Phenol	108-95-2	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Pyrene	129-00-0	mg/kg	(1)	< 0.35 U	< 0.36 U	< 0.36 U	< 0.37 U
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)				
TCLP							
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)				
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)				
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)				
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)				
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)				
Benzene - TCLP	71-43-2TCLP	ug/L	(1)				
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)				
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-B1 6/8/2004 7.5 - 7.5 B303EX1-B1DUP(7.5-7.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWE-1 6/8/2004 6.5 - 6.5 B303EX1-SWE-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWN-1 6/8/2004 6.5 - 6.5 B303EX1-SWN-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX1-SWS-1 6/8/2004 6.5 - 6.5 B303EX1-SWS-1(6.5-6.5) SO
TCLP (continued)							
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)				
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)				
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)				
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				
1,1-Dichloroethane	75-34-3	mg/kg	(1)				
1,1-Dichloroethene	75-35-4	mg/kg	(1)				
1,2-Dichloroethane	107-06-2	mg/kg	(1)				
1,2-Dichloropropane	78-87-5	mg/kg	(1)				
2-Butanone	78-93-3	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				
Acetone	67-64-1	mg/kg	(1)				
Acetonitrile	75-05-8	mg/kg	(1)				
Benzene	71-43-2	mg/kg	(1)				
Bromodichloromethane	75-27-4	mg/kg	(1)				
Bromoform	75-25-2	mg/kg	(1)				
Bromomethane	74-83-9	mg/kg	(1)				
Carbon disulfide	75-15-0	mg/kg	(1)				
Carbon tetrachloride	56-23-5	mg/kg	(1)				
Chlorobenzene	108-90-7	mg/kg	(1)				
Chloroethane	75-00-3	mg/kg	(1)				
Chloroform	67-66-3	mg/kg	(1)				
Chloromethane	74-87-3	mg/kg	(1)				
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				
Dibromochloromethane	124-48-1	mg/kg	(1)				
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				
Ethyl benzene	100-41-4	mg/kg	(1)				
m+p-Xylenes	XYL-MP	mg/kg	(1)				
Methylene chloride	75-09-2	mg/kg	(1)				
o-Xylene	95-47-6	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)				
Tetrachloroethene	127-18-4	mg/kg	(1)				
Toluene	108-88-3	mg/kg	(1)				
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				
Trichloroethene	79-01-6	mg/kg	(1)				
Trichlorofluoromethane	75-69-4	mg/kg	(1)				
Vinyl chloride	75-01-4	mg/kg	(1)				
Xylenes	1330-20-7	mg/kg	(1)				
WetChem							
% Moisture	%Moist	%	(1)				
% Solids	%Solid	%	(1)	93.7	92	92.6	89

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	ValueNo	209, Fmr Bldg 303 F-B303-EX1-SWW-1 6/8/2004 6.5 - 6.5 B303EX1-SWW-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX2-B-1 6/8/2004 7 - 7 B303EX2-B-1(7-7) SO	209, Fmr Bldg 303 F-B303-EX2-SWE-1 6/8/2004 6 - 6 B303EX2-SWE-1(6-6) SO	209, Fmr Bldg 303 F-B303-EX2-SWN-1 6/8/2004 6 - 6 B303EX2-SWN-1(6-6) SO	209, Fmr Bldg 303 F-B303-EX2-SWS-1 6/8/2004 6 - 6 B303EX2-SWS-1(6-6) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg		(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg		(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg		(1)					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg		(1)					
2-Nitrotoluene	88-72-2	mg/kg		(1)					
3-Nitrotoluene	99-08-1	mg/kg		(1)					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg		(1)					
4-Nitrotoluene	99-99-0	mg/kg		(1)					
HMX	2691-41-0	mg/kg		(1)					
Nitrobenzene	98-95-3	mg/kg		(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Nitrobenzene	98-95-3	mg/kg		(2)					
Nitrocellulose	9004-70-0	mg/kg		(1)					
Nitroglycerin	55-63-0	mg/kg		(1)					
Nitroguanidine	556-88-7	mg/kg		(1)					
PETN	78-11-5	mg/kg		(1)					
RDX	121-82-4	mg/kg		(1)					
Tetryl	479-45-8	mg/kg		(1)					
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg		(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2,4-Dinitrotoluene	121-14-2	mg/kg		(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg		(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2,6-Dinitrotoluene	606-20-2	mg/kg		(2)					
Herbicide									
2,4,5-T	93-76-5	mg/kg		(1)					
2,4,5-TP (Silvex)	93-72-1	mg/kg		(1)					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg		(1)					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg		(1)					
Isotope									
Radium-228	15262-20-1	pCi/g		(1)					
Metals									
Aluminum	7429-90-5	mg/kg		(1)					
Antimony	7440-36-0	mg/kg		(1)					
Arsenic	7440-38-2	mg/kg		(1)	3.1	8.4	41.7	6.9	23.1
Barium	7440-39-3	mg/kg		(1)					
Beryllium	7440-41-7	mg/kg		(1)					
Cadmium	7440-43-9	mg/kg		(1)					
Calcium	7440-70-2	mg/kg		(1)					
Chromium	7440-47-3	mg/kg		(1)					
Cobalt	7440-48-4	mg/kg		(1)					
Copper	7440-50-8	mg/kg		(1)					
Iron	7439-89-6	mg/kg		(1)					
Lead	7439-92-1	mg/kg		(1)	8.2	39.5	63.5	74.3	128
Magnesium	7439-95-4	mg/kg		(1)					
Manganese	7439-96-5	mg/kg		(1)					
Mercury	7439-97-6	mg/kg		(1)					
Nickel	7440-02-0	mg/kg		(1)					
Potassium	7440-09-7	mg/kg		(1)					
Selenium	7782-49-2	mg/kg		(1)					
Silver	7440-22-4	mg/kg		(1)					

Chemical Name	CAS No	Unit	Site Name	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303
			Location ID	F-B303-EX1-SWW-1	F-B303-EX2-B-1	F-B303-EX2-SWE-1	F-B303-EX2-SWN-1	F-B303-EX2-SWS-1
			Sample Date	6/8/2004	6/8/2004	6/8/2004	6/8/2004	6/8/2004
			Depth Interval	6.5 - 6.5	7 - 7	6 - 6	6 - 6	6 - 6
			Sample ID	B303EX1-SWW-1(6.5-6.5)	B303EX2-B-1(7-7)	B303EX2-SWE-1(6-6)	B303EX2-SWN-1(6-6)	B303EX2-SWS-1(6-6)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Metals (continued)								
Sodium	7440-23-5	mg/kg	(1)					
Thallium	7440-28-0	mg/kg	(1)					
Vanadium	7440-62-2	mg/kg	(1)					
Zinc	7440-66-6	mg/kg	(1)					
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
4,4'-DDD	72-54-8	mg/kg	(1)					
4,4'-DDE	72-55-9	mg/kg	(1)					
4,4'-DDT	50-29-3	mg/kg	(1)					
Aldrin	309-00-2	mg/kg	(1)					
alpha-BHC	319-84-6	mg/kg	(1)					
alpha-Chlordane	5103-71-9	mg/kg	(1)					
beta-BHC	319-85-7	mg/kg	(1)					
Chlordane	57-74-9	mg/kg	(1)					
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)					
Dalapon	75-99-0	mg/kg	(1)					
delta-BHC	319-86-8	mg/kg	(1)					
Dicamba	1918-00-9	mg/kg	(1)					
Dichloroprop	120-36-5	mg/kg	(1)					
Dieldrin	60-57-1	mg/kg	(1)					
Endosulfan I	959-98-8	mg/kg	(1)					
Endosulfan II	33213-65-9	mg/kg	(1)					
Endosulfan sulfate	1031-07-8	mg/kg	(1)					
Endrin	72-20-8	mg/kg	(1)					
Endrin - TCLP	72-20-8TCLP	ug/L	(1)					
Endrin aldehyde	7421-93-4	mg/kg	(1)					
Endrin ketone	53494-70-5	mg/kg	(1)					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)					
gamma-Chlordane	5103-74-2	mg/kg	(1)					
Heptachlor	76-44-8	mg/kg	(1)					
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)					
Heptachlor epoxide	1024-57-3	mg/kg	(1)					
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)					
Methoxychlor	72-43-5	mg/kg	(1)					
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)					
Toxaphene	8001-35-2	mg/kg	(1)					
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-SWW-1 6/8/2004 6.5 - 6.5 B303EX1-SWW-1(6.5-6.5) SO	209, Fmr Bldg 303 F-B303-EX2-B-1 6/8/2004 7 - 7 B303EX2-B-1(7-7) SO	209, Fmr Bldg 303 F-B303-EX2-SWE-1 6/8/2004 6 - 6 B303EX2-SWE-1(6-6) SO	209, Fmr Bldg 303 F-B303-EX2-SWN-1 6/8/2004 6 - 6 B303EX2-SWN-1(6-6) SO	209, Fmr Bldg 303 F-B303-EX2-SWS-1 6/8/2004 6 - 6 B303EX2-SWS-1(6-6) SO
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross alpha	12587-46-1	pCi/g	(1)					
Gross beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)					
1-Methylnaphthalene	90-12-0	mg/kg	(1)					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.7 UJ	< 7.5 UJD	< 1.9 U	< 1.8 U	< 1.8 U
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)					
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.36 U	0.11 JD	0.04 J	0.01 J	< 0.38 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)					
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.7 U	< 7.5 UD	< 1.9 U	< 1.8 U	< 1.8 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.7 U	< 7.5 UD	< 1.9 U	< 1.8 U	< 1.8 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.7 U	< 7.5 UD	< 1.9 U	< 1.8 U	< 1.8 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.7 U	< 7.5 UD	< 1.9 U	< 1.8 U	< 1.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.36 U#	< 1.5 U#D	< 0.4 U#	< 0.37 U#	< 0.38 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.7 U	< 7.5 UD	< 1.9 U	< 1.8 U	< 1.8 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.7 UJ	< 7.5 UJD	< 1.9 U	< 1.8 U	< 1.8 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.36 U	0.13 JD	0.05 J	0.01 J	0.01 J
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.36 U	0.11 JD	< 0.4 U	< 0.37 U	< 0.38 U
Aniline	62-53-3	mg/kg	(1)	< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Anthracene	120-12-7	mg/kg	(1)	< 0.36 U	0.54 JD	0.23 J	0.06 J	0.08 J
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.36 U	1.2 JD	0.41 J	0.09 J	0.19 J

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-SWW-1 6/8/2004 6.5 - 6.5 B303EX1-SWW-1(6.5-6.5) SO (1)	209, Fmr Bldg 303 F-B303-EX2-B-1 6/8/2004 7 - 7 B303EX2-B-1(7-7) SO (1)	209, Fmr Bldg 303 F-B303-EX2-SWE-1 6/8/2004 6 - 6 B303EX2-SWE-1(6-6) SO (1)	209, Fmr Bldg 303 F-B303-EX2-SWN-1 6/8/2004 6 - 6 B303EX2-SWN-1(6-6) SO (1)	209, Fmr Bldg 303 F-B303-EX2-SWS-1 6/8/2004 6 - 6 B303EX2-SWS-1(6-6) SO (1)
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg		< 0.36 U	1 JD	0.25 J	0.06 J	0.12 J
Benzo(b)fluoranthene	205-99-2	mg/kg		< 0.36 U	1.4 JD	0.44 J	0.11 J	0.21 J
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.36 U	0.62 JD	0.23 J	0.06 J	0.13 J
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.36 U	0.48 JD	0.26 J	0.07 J	0.12 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.36 UJ	< 1.5 UJD	< 0.4 U	< 0.37 U	< 0.38 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Butylbenzyl phthalate	85-68-7	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Carbazole	86-74-8	mg/kg		< 0.36 U	0.32 JD	0.14 J	0.04 J	0.05 J
Chrysene	218-01-9	mg/kg		< 0.36 U	1.1 JD	0.44 J	0.13 J	0.2 J
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.36 U	0.18 JD	0.07 J	< 0.37 U	< 0.38 U
Dibenzofuran	132-64-9	mg/kg		< 0.36 U	0.19 JD	0.08 J	0.02 J	0.02 J
Diethylphthalate	84-66-2	mg/kg		0.04 J	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Dimethylphthalate	131-11-3	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
di-n-Butylphthalate	84-74-2	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
di-n-Octylphthalate	117-84-0	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Dinoseb	88-85-7	mg/kg						
Diphenylamine	122-39-4	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Fluoranthene	206-44-0	mg/kg		< 0.36 U	3.5 JD	1.2	0.35 J	0.53
Fluorene	86-73-7	mg/kg		< 0.36 U	0.25 JD	0.11 J	0.03 J	0.03 J
Hexachlorobenzene	118-74-1	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L						
Hexachlorobutadiene	87-68-3	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L						
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 1.7 U	< 7.5 UD	< 1.9 UJ	< 1.8 UJ	< 1.8 UJ
Hexachloroethane	67-72-1	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Hexachloroethane - TCLP	67-72-1TCLP	ug/L						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 0.36 U	0.59 JD	0.22 J	0.06 J	0.12 J
Isophorone	78-59-1	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Naphthalene	91-20-3	mg/kg		< 0.36 U	0.24 JD	0.1 J	0.04 J	0.03 J
Nitrobenzene - TCLP	98-95-3TCLP	ug/L						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Pentachlorophenol	87-86-5	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L						
Phenanthrene	85-01-8	mg/kg		< 0.36 U	2.5 JD	1	0.33 J	0.38
Phenol	108-95-2	mg/kg		< 0.36 U	< 1.5 UD	< 0.4 U	< 0.37 U	< 0.38 U
Pyrene	129-00-0	mg/kg		< 0.36 U	2.6 JD	0.86 J	0.24 J	0.38
Pyridine - TCLP	110-86-1TCLP	ug/L						
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L						
2-Butanone - TCLP	78-93-3TCLP	ug/L						
Benzene - TCLP	71-43-2TCLP	ug/L						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX1-SWW-1 6/8/2004 6.5 - 6.5 B303EX1-SWW-1(6.5-6.5) SO (1)	209, Fmr Bldg 303 F-B303-EX2-B-1 6/8/2004 7 - 7 B303EX2-B-1(7-7) SO (1)	209, Fmr Bldg 303 F-B303-EX2-SWE-1 6/8/2004 6 - 6 B303EX2-SWE-1(6-6) SO (1)	209, Fmr Bldg 303 F-B303-EX2-SWN-1 6/8/2004 6 - 6 B303EX2-SWN-1(6-6) SO (1)	209, Fmr Bldg 303 F-B303-EX2-SWS-1 6/8/2004 6 - 6 B303EX2-SWS-1(6-6) SO (1)
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)					
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)					
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)					
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
m+p-Xylenes	XYL-MP	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Moisture	%Moist	%	(1)					
% Solids	%Solid	%	(1)	92.4	85.5	82.4	89.4	87.5

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	209, Fmr Bldg 303 F-B303-EX2-SWW-1 6/8/2004 6 - 6 B303EX2-SWW-1(6-6) SO	209, Building 426 F-B426-SB-1 11/2/2000 0 - 2 B426SB-1A(0-2) SO	209, Building 426 F-B426-SB-1 11/2/2000 5 - 7 B426SB-1B(5-7) SO	209, Building 426 F-B426-SB-2 11/2/2000 0 - 2 B426SB-2A(0-2) SO	209, Building 426 F-B426-SB-2 11/2/2000 5 - 7 B426SB-2B(5-7) SO	209, Building 426 F-B426-SB-3 11/2/2000 0 - 2 B426SB-3A(0-2) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.12 J
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.74 UD	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)		< 2.1 (U)	< 2.1 (U)	10	< 2.1 (U)	18.3
Nitroglycerin	55-63-0	mg/kg	(1)		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Nitroguanidine	556-88-7	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.23 J
PETN	78-11-5	mg/kg	(1)		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
RDX	121-82-4	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Tetryl	479-45-8	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.74 UD	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.74 UD	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)		7920 J	8680 J	10100 J	6280 J	11600 J
Antimony	7440-36-0	mg/kg	(1)		< 1.1 UJ	< 1 UJ	0.98 J	< 1.1 UJ	0.76 J
Arsenic	7440-38-2	mg/kg	(1)	6.8	3.5 J	3.5 J	6.4 J	4.4 J	7.3 J
Barium	7440-39-3	mg/kg	(1)		51.3 J	42.2 J	57.6 J	25 J	94.9 J
Beryllium	7440-41-7	mg/kg	(1)		0.08 J	< 0.52 U	< 0.56 U	< 0.53 U	0.26 J
Cadmium	7440-43-9	mg/kg	(1)		0.57 J	0.15 J	0.39 J	0.06 J	0.69 J
Calcium	7440-70-2	mg/kg	(1)		904 J	1500 J	27700 J	854 J	2000 J
Chromium	7440-47-3	mg/kg	(1)		10.2 J	11.9 J	14.4 J	11.3 J	13.7 J
Cobalt	7440-48-4	mg/kg	(1)		5.9 J	8.4 J	6.6 J	6.9 J	7.5 J
Copper	7440-50-8	mg/kg	(1)		30.9 J	19.3 J	23.2 J	22.9 J	21 J
Iron	7439-89-6	mg/kg	(1)		19300 J	21300 J	20300 J	16500 J	20400 J
Lead	7439-92-1	mg/kg	(1)	32.4	390 J	12.1 J	73.2 J	5.5 J	69.5 J
Magnesium	7439-95-4	mg/kg	(1)		1310 J	2740 J	2430 J	2150 J	1450 J
Manganese	7439-96-5	mg/kg	(1)		< 1.6 R	< 1.6 R	< 1.7 R	< 1.6 R	< 1.8 R
Mercury	7439-97-6	mg/kg	(1)		7.6 JD	0.08 J	0.38 J	< 0.11 U	0.43 J
Nickel	7440-02-0	mg/kg	(1)		10.1 J	14.7 J	11.6 J	13.2 J	11.8 J
Potassium	7440-09-7	mg/kg	(1)		338 J	649 J	719 J	578 J	323 J
Selenium	7782-49-2	mg/kg	(1)		0.5 J	< 0.52 U	< 0.56 U	< 0.53 U	1.1 J
Silver	7440-22-4	mg/kg	(1)		< 0.55 U	< 0.52 U	< 0.56 U	< 0.53 U	0.19 J

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX2-SWW-1 6/8/2004 6 - 6 B303EX2-SWW-1(6-6) SO (1)	209, Building 426 F-B426-SB-1 11/2/2000 0 - 2 B426SB-1A(0-2) SO (1)	209, Building 426 F-B426-SB-1 11/2/2000 5 - 7 B426SB-1B(5-7) SO (1)	209, Building 426 F-B426-SB-2 11/2/2000 0 - 2 B426SB-2A(0-2) SO (1)	209, Building 426 F-B426-SB-2 11/2/2000 5 - 7 B426SB-2B(5-7) SO (1)	209, Building 426 F-B426-SB-3 11/2/2000 0 - 2 B426SB-3A(0-2) SO (1)
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)		< 549 U	< 521 U	< 558 U	< 527 U	< 584 U
Thallium	7440-28-0	mg/kg	(1)		< 1.1 U	< 1 U	< 1.1 U	< 1.1 U	< 1.2 U
Vanadium	7440-62-2	mg/kg	(1)		14.6 J	17.7 J	20.9 J	16.6 J	26.6 J
Zinc	7440-66-6	mg/kg	(1)		267 J	45.3 J	93.2 J	25.3 J	156 J
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX2-SWW-1 6/8/2004 6 - 6 B303EX2-SWW-1(6-6) SO	209, Building 426 F-B426-SB-1 11/2/2000 0 - 2 B426SB-1A(0-2) SO	209, Building 426 F-B426-SB-1 11/2/2000 5 - 7 B426SB-1B(5-7) SO	209, Building 426 F-B426-SB-2 11/2/2000 0 - 2 B426SB-2A(0-2) SO	209, Building 426 F-B426-SB-2 11/2/2000 5 - 7 B426SB-2B(5-7) SO	209, Building 426 F-B426-SB-3 11/2/2000 0 - 2 B426SB-3A(0-2) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.74 UD					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.74 UD					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.74 UD					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.74 UD					
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.74 UD					
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.74 UD					
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.74 UD					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.74 UD					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 3.6 UJD					
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.74 UD					
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.74 UD					
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.74 UD					
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.74 UD					
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)	< 3.6 UD					
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.74 UD					
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 3.6 UD					
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3.6 UD					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 3.6 UD					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.74 UD					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.74 UD					
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.74 UD					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.74 UD					
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.74 U#D					
4-Nitroaniline	100-01-6	mg/kg	(1)	< 3.6 UJD					
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.6 UD					
Acenaphthene	83-32-9	mg/kg	(1)	0.03 JD					
Acenaphthylene	208-96-8	mg/kg	(1)	0.04 JD					
Aniline	62-53-3	mg/kg	(1)	< 0.74 UD					
Anthracene	120-12-7	mg/kg	(1)	0.19 JD					
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.54 JD					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-B303-EX2-SWW-1 6/8/2004 6 - 6 B303EX2-SWW-1(6-6) SO (1)	209, Building 426 F-B426-SB-1 11/2/2000 0 - 2 B426SB-1A(0-2) SO (1)	209, Building 426 F-B426-SB-1 11/2/2000 5 - 7 B426SB-1B(5-7) SO (1)	209, Building 426 F-B426-SB-2 11/2/2000 0 - 2 B426SB-2A(0-2) SO (1)	209, Building 426 F-B426-SB-2 11/2/2000 5 - 7 B426SB-2B(5-7) SO (1)	209, Building 426 F-B426-SB-3 11/2/2000 0 - 2 B426SB-3A(0-2) SO (1)
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.45 JD					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.65 JD					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.3 JD					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.2 JD					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.74 UD					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.74 UJD					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.74 UD					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.74 UD					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.74 UD					
Carbazole	86-74-8	mg/kg	(1)	0.12 JD					
Chrysene	218-01-9	mg/kg	(1)	0.53 JD					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.07 JD					
Dibenzofuran	132-64-9	mg/kg	(1)	0.04 JD					
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.74 UD					
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.74 UD					
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.74 UD					
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.74 UD					
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)	< 0.74 UD					
Fluoranthene	206-44-0	mg/kg	(1)	1.5 JD					
Fluorene	86-73-7	mg/kg	(1)	0.06 JD					
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.74 UD					
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.74 UD					
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 3.6 UD					
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.74 UD					
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.27 JD					
Isophorone	78-59-1	mg/kg	(1)	< 0.74 UD					
Naphthalene	91-20-3	mg/kg	(1)	0.04 JD					
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.74 UD					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.74 UD					
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.74 UD					
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)	0.91 JD					
Phenol	108-95-2	mg/kg	(1)	< 0.74 UD					
Pyrene	129-00-0	mg/kg	(1)	1.1 JD					
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo						
			Site Name	209, Fmr Bldg 303	209, Building 426	209, Building 426	209, Building 426	209, Building 426	209, Building 426
			Location ID	F-B303-EX2-SWW-1	F-B426-SB-1	F-B426-SB-1	F-B426-SB-2	F-B426-SB-2	F-B426-SB-3
			Sample Date	6/8/2004	11/2/2000	11/2/2000	11/2/2000	11/2/2000	11/2/2000
			Depth Interval	6 - 6	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2
			Sample ID	B303EX2-SWW-1(6-6)	B426SB-1A(0-2)	B426SB-1B(5-7)	B426SB-2A(0-2)	B426SB-2B(5-7)	B426SB-3A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)		4.8	5.5	9.1	4.5	11.5
% Solids	%Solid	%	(1)	89.2	91.1	96.1	89.6	94.9	85.6

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 426 F-B426-SB-3 11/2/2000 5 - 7 B426SB-3B(5-7) SO	209, Building 426 F-B426-SB-4 11/2/2000 0 - 2 B426SB-4A(0-2) SO	209, Building 426 F-B426-SB-4 11/2/2000 5 - 7 B426SB-4B(5-7) SO	209, Building 430 F-B430DC-1 5/26/2004 0 - 2 B430DC-1(0-2) SO	209, Building 430 F-B430-EX1-B1 6/8/2004 3 - 3 B430EX1-B1(3-3) SO	209, Building 430 F-B430-EX1-SWN-1 6/24/2004 2.5 - 2.5 B430EX1-SWN-1(2.5-2.5) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
HMX	2691-41-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 2.1 UD		
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)	< 2.3 (U)	22.4	< 2 (U)			
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U			
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.25 U	< 0.25 U	0.05 J			
PETN	78-11-5	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U			
RDX	121-82-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	7.2 D		
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	0.47 JD		
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)				< 0.025 U		
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)				< 0.025 U		
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)				< 0.1 U		
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)				< 0.1 U		
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)	13900 J	7510 J	5730 J			
Antimony	7440-36-0	mg/kg	(1)	0.74 J	< 1.1 UJ	< 1 U			
Arsenic	7440-38-2	mg/kg	(1)	5.9 J	4 J	2.8 J			
Barium	7440-39-3	mg/kg	(1)	31.3 J	31.7 J	22.8 J			
Beryllium	7440-41-7	mg/kg	(1)	< 0.59 U	< 0.53 U	< 0.51 U			
Cadmium	7440-43-9	mg/kg	(1)	0.09 J	0.09 J	0.1 J			
Calcium	7440-70-2	mg/kg	(1)	484 J	1950 J	560 J			
Chromium	7440-47-3	mg/kg	(1)	18.3 J	9.8 J	10.7 J			
Cobalt	7440-48-4	mg/kg	(1)	7.1 J	6.2 J	6.2 J			
Copper	7440-50-8	mg/kg	(1)	15.7 J	13.5 J	14 J			
Iron	7439-89-6	mg/kg	(1)	23800 J	14700 J	15400 J			
Lead	7439-92-1	mg/kg	(1)	8.7 J	16 J	6.7 J		16.5	15.3 D
Magnesium	7439-95-4	mg/kg	(1)	2830 J	1360 J	1910 J			
Manganese	7439-96-5	mg/kg	(1)	< 1.8 R	< 1.6 R	< 1.5 R			
Mercury	7439-97-6	mg/kg	(1)	0.01 J	0.29 J	0.04 J			
Nickel	7440-02-0	mg/kg	(1)	13 J	8.2 J	10.6 J			
Potassium	7440-09-7	mg/kg	(1)	640 J	446 J	545 J			
Selenium	7782-49-2	mg/kg	(1)	< 0.59 U	0.42 J	< 0.51 U			
Silver	7440-22-4	mg/kg	(1)	< 0.59 U	< 0.53 U	< 0.51 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 426 F-B426-SB-3 11/2/2000 5 - 7 B426SB-3B(5-7) SO	209, Building 426 F-B426-SB-4 11/2/2000 0 - 2 B426SB-4A(0-2) SO	209, Building 426 F-B426-SB-4 11/2/2000 5 - 7 B426SB-4B(5-7) SO	209, Building 430 F-B430DC-1 5/26/2004 0 - 2 B430DC-1(0-2) SO	209, Building 430 F-B430-EX1-B1 6/8/2004 3 - 3 B430EX1-B1(3-3) SO	209, Building 430 F-B430-EX1-SWN-1 6/24/2004 2.5 - 2.5 B430EX1-SWN-1(2.5-2.5) SO
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)	< 594 U	< 531 U	< 512 U			
Thallium	7440-28-0	mg/kg	(1)	< 1.2 U	< 1.1 U	< 1 U			
Vanadium	7440-62-2	mg/kg	(1)	27.4 J	16.3 J	16.3 J			
Zinc	7440-66-6	mg/kg	(1)	41.3 J	36.6 J	27.6 J			
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)				< 0.042 U		
Aroclor 1221	11104-28-2	mg/kg	(1)				< 0.042 U		
Aroclor 1232	11141-16-5	mg/kg	(1)				< 0.042 U		
Aroclor 1242	53469-21-9	mg/kg	(1)				< 0.042 U		
Aroclor 1248	12672-29-6	mg/kg	(1)				< 0.042 U		
Aroclor 1254	11097-69-1	mg/kg	(1)				< 0.042 U		
Aroclor 1260	11096-82-5	mg/kg	(1)				0.43		
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)				< 0.21 U		
4,4'-DDE	72-55-9	mg/kg	(1)				0.84		
4,4'-DDT	50-29-3	mg/kg	(1)				0.03 PG		
Aldrin	309-00-2	mg/kg	(1)				< 0.21 U		
alpha-BHC	319-84-6	mg/kg	(1)				< 0.21 U		
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)				0.26 PG		
Chlordane	57-74-9	mg/kg	(1)				< 0.021 U		
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)				< 5 U		
Dalapon	75-99-0	mg/kg	(1)				< 0.051 U		
delta-BHC	319-86-8	mg/kg	(1)				0.34		
Dicamba	1918-00-9	mg/kg	(1)				< 0.051 U		
Dichloroprop	120-36-5	mg/kg	(1)				< 0.1 U		
Dieldrin	60-57-1	mg/kg	(1)				0.01 PG		
Endosulfan I	959-98-8	mg/kg	(1)				< 0.21 U		
Endosulfan II	33213-65-9	mg/kg	(1)				0.65		
Endosulfan sulfate	1031-07-8	mg/kg	(1)				0.79 PG		
Endrin	72-20-8	mg/kg	(1)				0.11 J		
Endrin - TCLP	72-20-8TCLP	ug/L	(1)				< 0.5 U		
Endrin aldehyde	7421-93-4	mg/kg	(1)				0.92		
Endrin ketone	53494-70-5	mg/kg	(1)				0.64		
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)				< 0.21 U		
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)				< 0.5 U		
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)				< 0.21 U		
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)				< 0.5 U		
Heptachlor epoxide	1024-57-3	mg/kg	(1)				< 0.21 U		
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)				< 0.5 U		
Methoxychlor	72-43-5	mg/kg	(1)				< 0.42 U		
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)				< 1 U		
Toxaphene	8001-35-2	mg/kg	(1)				< 0.085 U		
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)				< 20 U		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 426 F-B426-SB-3 11/2/2000 5 - 7 B426SB-3B(5-7) SO	209, Building 426 F-B426-SB-4 11/2/2000 0 - 2 B426SB-4A(0-2) SO	209, Building 426 F-B426-SB-4 11/2/2000 5 - 7 B426SB-4B(5-7) SO	209, Building 430 F-B430DC-1 5/26/2004 0 - 2 B430DC-1(0-2) SO	209, Building 430 F-B430-EX1-B1 6/8/2004 3 - 3 B430EX1-B1(3-3) SO	209, Building 430 F-B430-EX1-SWN-1 6/24/2004 2.5 - 2.5 B430EX1-SWN-1(2.5-2.5) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				< 0.63 U		
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)				< 2.1 UD		
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)				< 2.1 UD		
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)				< 2.1 UD		
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)				< 2.1 UD		
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)				< 50 U		
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)				< 2.1 UD		
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)				< 250 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)				< 2.1 UD		
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)				< 50 U		
2,4-Dichlorophenol	120-83-2	mg/kg	(1)				< 2.1 UD		
2,4-Dimethylphenol	105-67-9	mg/kg	(1)				< 2.1 UD		
2,4-Dinitrophenol	51-28-5	mg/kg	(1)				< 10 UD		
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)				< 50 U		
2-Chloronaphthalene	91-58-7	mg/kg	(1)				< 2.1 UD		
2-Chlorophenol	95-57-8	mg/kg	(1)				< 2.1 UD		
2-Methylnaphthalene	91-57-6	mg/kg	(1)				< 2.1 UD		
2-Methylphenol	95-48-7	mg/kg	(1)				< 2.1 UD		
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)				< 50 U		
2-Nitroaniline	88-74-4	mg/kg	(1)				< 10 UD		
2-Nitrophenol	88-75-5	mg/kg	(1)				< 2.1 UD		
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)				< 100 U#		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)				< 10 UD		
3-Nitroaniline	99-09-2	mg/kg	(1)				< 10 UD		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)				< 10 UD		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)				< 2.1 UD		
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)				< 2.1 UD		
4-Chloroaniline	106-47-8	mg/kg	(1)				< 2.1 UD		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)				< 2.1 UD		
4-Methylphenol	106-44-5	mg/kg	(1)				< 2.1 U#D		
4-Nitroaniline	100-01-6	mg/kg	(1)				< 10 UD		
4-Nitrophenol	100-02-7	mg/kg	(1)				< 10 UD		
Acenaphthene	83-32-9	mg/kg	(1)				< 2.1 UD		
Acenaphthylene	208-96-8	mg/kg	(1)				< 2.1 UD		
Aniline	62-53-3	mg/kg	(1)				< 2.1 UD		
Anthracene	120-12-7	mg/kg	(1)				< 2.1 UD		
Benz(a)anthracene	56-55-3	mg/kg	(1)				< 2.1 UD		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 426 F-B426-SB-3 11/2/2000 5 - 7 B426SB-3B(5-7) SO	209, Building 426 F-B426-SB-4 11/2/2000 0 - 2 B426SB-4A(0-2) SO	209, Building 426 F-B426-SB-4 11/2/2000 5 - 7 B426SB-4B(5-7) SO	209, Building 430 F-B430DC-1 5/26/2004 0 - 2 B430DC-1(0-2) SO	209, Building 430 F-B430-EX1-B1 6/8/2004 3 - 3 B430EX1-B1(3-3) SO	209, Building 430 F-B430-EX1-SWN-1 6/24/2004 2.5 - 2.5 B430EX1-SWN-1(2.5-2.5) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)				< 2.1 UD		
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)				0.09 JD		
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)				< 2.1 UD		
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)				< 2.1 UD		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)				< 2.1 UD		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)				< 2.1 UD		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)				< 2.1 UD		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)				0.15 JD		
Butylbenzyl phthalate	85-68-7	mg/kg	(1)				< 2.1 UD		
Carbazole	86-74-8	mg/kg	(1)				< 2.1 UD		
Chrysene	218-01-9	mg/kg	(1)				< 2.1 UD		
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)				< 2.1 UD		
Dibenzofuran	132-64-9	mg/kg	(1)				< 2.1 UD		
Diethylphthalate	84-66-2	mg/kg	(1)				0.29 JD		
Dimethylphthalate	131-11-3	mg/kg	(1)				< 2.1 UD		
di-n-Butylphthalate	84-74-2	mg/kg	(1)				1.4 JD		
di-n-Octylphthalate	117-84-0	mg/kg	(1)				< 2.1 UD		
Dinoseb	88-85-7	mg/kg	(1)				< 0.015 U		
Diphenylamine	122-39-4	mg/kg	(1)				3.1 D		
Fluoranthene	206-44-0	mg/kg	(1)				< 2.1 UD		
Fluorene	86-73-7	mg/kg	(1)				< 2.1 UD		
Hexachlorobenzene	118-74-1	mg/kg	(1)				< 2.1 UD		
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)				< 50 U		
Hexachlorobutadiene	87-68-3	mg/kg	(1)				< 2.1 UD		
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)				< 50 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)				< 10 UD		
Hexachloroethane	67-72-1	mg/kg	(1)				< 2.1 UD		
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)				< 50 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)				< 2.1 UD		
Isophorone	78-59-1	mg/kg	(1)				< 2.1 UD		
Naphthalene	91-20-3	mg/kg	(1)				< 2.1 UD		
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)				< 50 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)				< 2.1 UD		
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)				3.1 D		
Pentachlorophenol	87-86-5	mg/kg	(1)				< 2.1 UD		
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)				< 100 U		
Phenanthrene	85-01-8	mg/kg	(1)				< 2.1 UD		
Phenol	108-95-2	mg/kg	(1)				< 2.1 UD		
Pyrene	129-00-0	mg/kg	(1)				< 2.1 UD		
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)				5.3 J		
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)				< 70 U		
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)				< 25 U		
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)				< 100 U		
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)				< 500 U		
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)				< 50 U		
Benzene - TCLP	71-43-2TCLP	ug/L	(1)				< 25 U		
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)				< 25 U		
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)				< 25 U		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 426 F-B426-SB-3 11/2/2000 5 - 7 B426SB-3B(5-7) SO	209, Building 426 F-B426-SB-4 11/2/2000 0 - 2 B426SB-4A(0-2) SO	209, Building 426 F-B426-SB-4 11/2/2000 5 - 7 B426SB-4B(5-7) SO	209, Building 430 F-B430DC-1 5/26/2004 0 - 2 B430DC-1(0-2) SO	209, Building 430 F-B430-EX1-B1 6/8/2004 3 - 3 B430EX1-B1(3-3) SO	209, Building 430 F-B430-EX1-SWN-1 6/24/2004 2.5 - 2.5 B430EX1-SWN-1(2.5-2.5) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)				< 25 U		
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)				< 70 U		
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)				< 50 U		
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)				< 50 U		
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				< 0.63 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				< 0.63 U		
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				< 0.63 U		
1,1-Dichloroethane	75-34-3	mg/kg	(1)				< 0.63 U		
1,1-Dichloroethene	75-35-4	mg/kg	(1)				< 0.63 U		
1,2-Dichloroethane	107-06-2	mg/kg	(1)				< 0.63 U		
1,2-Dichloropropane	78-87-5	mg/kg	(1)				< 0.63 U		
2-Butanone	78-93-3	mg/kg	(1)				< 0.025 U		
2-Hexanone	591-78-6	mg/kg	(1)				< 0.025 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				< 0.025 U		
Acetone	67-64-1	mg/kg	(1)				< 0.025 (U)		
Acetonitrile	75-05-8	mg/kg	(1)				< 0.13 U		
Benzene	71-43-2	mg/kg	(1)				< 0.63 U		
Bromodichloromethane	75-27-4	mg/kg	(1)				< 0.63 U		
Bromoform	75-25-2	mg/kg	(1)				< 0.63 U		
Bromomethane	74-83-9	mg/kg	(1)				< 0.63 U		
Carbon disulfide	75-15-0	mg/kg	(1)				< 0.63 U		
Carbon tetrachloride	56-23-5	mg/kg	(1)				< 0.63 U		
Chlorobenzene	108-90-7	mg/kg	(1)				< 0.63 U		
Chloroethane	75-00-3	mg/kg	(1)				< 0.63 U		
Chloroform	67-66-3	mg/kg	(1)				< 0.63 U		
Chloromethane	74-87-3	mg/kg	(1)				< 0.63 U		
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)				< 0.32 U		
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				< 0.63 U		
Dibromochloromethane	124-48-1	mg/kg	(1)				< 0.63 U		
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				< 0.63 U		
Ethyl benzene	100-41-4	mg/kg	(1)				< 0.63 U		
m+p-Xylenes	XYL-MP	mg/kg	(1)				< 0.63 U		
Methylene chloride	75-09-2	mg/kg	(1)				< 0.63 (U)		
o-Xylene	95-47-6	mg/kg	(1)				< 0.32 U		
Styrene	100-42-5	mg/kg	(1)				< 0.63 U		
Tetrachloroethene	127-18-4	mg/kg	(1)				0.24 J		
Toluene	108-88-3	mg/kg	(1)				< 0.63 U		
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)				< 0.32 U		
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				< 0.63 U		
Trichloroethene	79-01-6	mg/kg	(1)				0.83		
Trichlorofluoromethane	75-69-4	mg/kg	(1)				< 0.63 U		
Vinyl chloride	75-01-4	mg/kg	(1)				< 0.63 U		
Xylenes	1330-20-7	mg/kg	(1)				< 0.63 U		
WetChem									
% Moisture	%Moist	%	(1)	14.4	8.2	2.3			
% Solids	%Solid	%	(1)	84.2	94.2	97.7	79.2	77.4	82.8

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	ValueNo	209, Building 430 F-B430-EX1-SWS-1 6/8/2004 2.5 - 2.5 B430EX1-SWS-1(2.5-2.5) SO	209, Building 430 F-B430-EX2-B1 6/8/2004 3 - 3 B430EX2-B1(3-3) SO	209, Building 430 F-B430-EX2-SWN-1 6/24/2004 2.5 - 2.5 B430EX2-SWN-1(2.5-2.5) SO	209, Building 430 F-B430-EX2-SWS-1 6/8/2004 2.5 - 2.5 B430EX2-SWS-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-B1 6/9/2004 3.5 - 3.5 B430EX3-B1(3.5-3.5) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg		(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg		(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg		(1)					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg		(1)					
2-Nitrotoluene	88-72-2	mg/kg		(1)					
3-Nitrotoluene	99-08-1	mg/kg		(1)					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg		(1)					
4-Nitrotoluene	99-99-0	mg/kg		(1)					
HMX	2691-41-0	mg/kg		(1)					
Nitrobenzene	98-95-3	mg/kg		(1)					
Nitrobenzene	98-95-3	mg/kg		(2)					
Nitrocellulose	9004-70-0	mg/kg		(1)					
Nitroglycerin	55-63-0	mg/kg		(1)					
Nitroguanidine	556-88-7	mg/kg		(1)					
PETN	78-11-5	mg/kg		(1)					
RDX	121-82-4	mg/kg		(1)					
Tetryl	479-45-8	mg/kg		(1)					
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg		(1)					
2,4-Dinitrotoluene	121-14-2	mg/kg		(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg		(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg		(2)					
Herbicide									
2,4,5-T	93-76-5	mg/kg		(1)					
2,4,5-TP (Silvex)	93-72-1	mg/kg		(1)					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg		(1)					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg		(1)					
Isotope									
Radium-228	15262-20-1	pCi/g		(1)					
Metals									
Aluminum	7429-90-5	mg/kg		(1)					
Antimony	7440-36-0	mg/kg		(1)					
Arsenic	7440-38-2	mg/kg		(1)					
Barium	7440-39-3	mg/kg		(1)					
Beryllium	7440-41-7	mg/kg		(1)					
Cadmium	7440-43-9	mg/kg		(1)					
Calcium	7440-70-2	mg/kg		(1)					
Chromium	7440-47-3	mg/kg		(1)					
Cobalt	7440-48-4	mg/kg		(1)					
Copper	7440-50-8	mg/kg		(1)					
Iron	7439-89-6	mg/kg		(1)					
Lead	7439-92-1	mg/kg		(1)	77	65.3	40.6 D	453	< 0.38 R
Magnesium	7439-95-4	mg/kg		(1)					
Manganese	7439-96-5	mg/kg		(1)					
Mercury	7439-97-6	mg/kg		(1)					
Nickel	7440-02-0	mg/kg		(1)					
Potassium	7440-09-7	mg/kg		(1)					
Selenium	7782-49-2	mg/kg		(1)					
Silver	7440-22-4	mg/kg		(1)					

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-EX1-SWS-1	F-B430-EX2-B1	F-B430-EX2-SWN-1	F-B430-EX2-SWS-1	F-B430-EX3-B1
			Sample Date	6/8/2004	6/8/2004	6/24/2004	6/8/2004	6/9/2004
			Depth Interval	2.5 - 2.5	3 - 3	2.5 - 2.5	2.5 - 2.5	3.5 - 3.5
			Sample ID	B430EX1-SWS-1(2.5-2.5)	B430EX2-B1(3-3)	B430EX2-SWN-1(2.5-2.5)	B430EX2-SWS-1(2.5-2.5)	B430EX3-B1(3.5-3.5)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Metals (continued)								
Sodium	7440-23-5	mg/kg	(1)					
Thallium	7440-28-0	mg/kg	(1)					
Vanadium	7440-62-2	mg/kg	(1)					
Zinc	7440-66-6	mg/kg	(1)					
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
4,4'-DDD	72-54-8	mg/kg	(1)					
4,4'-DDE	72-55-9	mg/kg	(1)					
4,4'-DDT	50-29-3	mg/kg	(1)					
Aldrin	309-00-2	mg/kg	(1)					
alpha-BHC	319-84-6	mg/kg	(1)					
alpha-Chlordane	5103-71-9	mg/kg	(1)					
beta-BHC	319-85-7	mg/kg	(1)					
Chlordane	57-74-9	mg/kg	(1)					
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)					
Dalapon	75-99-0	mg/kg	(1)					
delta-BHC	319-86-8	mg/kg	(1)					
Dicamba	1918-00-9	mg/kg	(1)					
Dichloroprop	120-36-5	mg/kg	(1)					
Dieldrin	60-57-1	mg/kg	(1)					
Endosulfan I	959-98-8	mg/kg	(1)					
Endosulfan II	33213-65-9	mg/kg	(1)					
Endosulfan sulfate	1031-07-8	mg/kg	(1)					
Endrin	72-20-8	mg/kg	(1)					
Endrin - TCLP	72-20-8TCLP	ug/L	(1)					
Endrin aldehyde	7421-93-4	mg/kg	(1)					
Endrin ketone	53494-70-5	mg/kg	(1)					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)					
gamma-Chlordane	5103-74-2	mg/kg	(1)					
Heptachlor	76-44-8	mg/kg	(1)					
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)					
Heptachlor epoxide	1024-57-3	mg/kg	(1)					
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)					
Methoxychlor	72-43-5	mg/kg	(1)					
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)					
Toxaphene	8001-35-2	mg/kg	(1)					
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX1-SWS-1 6/8/2004 2.5 - 2.5 B430EX1-SWS-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX2-B1 6/8/2004 3 - 3 B430EX2-B1(3-3) SO (1)	209, Building 430 F-B430-EX2-SWN-1 6/24/2004 2.5 - 2.5 B430EX2-SWN-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX2-SWS-1 6/8/2004 2.5 - 2.5 B430EX2-SWS-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX3-B1 6/9/2004 3.5 - 3.5 B430EX3-B1(3.5-3.5) SO (1)
Radiological								
Americium-241	86954-36-1	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Radium-226	13982-63-3	pCi/g						
Total Uranium	7440-61-1 U	mg/kg						
Uranium-234	13966-29-5	pCi/g						
Uranium-235	15117-96-1	pCi/g						
Uranium-238	7440-61-1 U-238	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L						
1-Methylnaphthalene	90-12-0	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-EX1-SWS-1	F-B430-EX2-B1	F-B430-EX2-SWN-1	F-B430-EX2-SWS-1	F-B430-EX3-B1
			Sample Date	6/8/2004	6/8/2004	6/24/2004	6/8/2004	6/9/2004
			Depth Interval	2.5 - 2.5	3 - 3	2.5 - 2.5	2.5 - 2.5	3.5 - 3.5
			Sample ID	B430EX1-SWS-1(2.5-2.5)	B430EX2-B1(3-3)	B430EX2-SWN-1(2.5-2.5)	B430EX2-SWS-1(2.5-2.5)	B430EX3-B1(3.5-3.5)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					
Carbazole	86-74-8	mg/kg	(1)					
Chrysene	218-01-9	mg/kg	(1)					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					
Dibenzofuran	132-64-9	mg/kg	(1)					
Diethylphthalate	84-66-2	mg/kg	(1)					
Dimethylphthalate	131-11-3	mg/kg	(1)					
di-n-Butylphthalate	84-74-2	mg/kg	(1)					
di-n-Octylphthalate	117-84-0	mg/kg	(1)					
Dinoseb	88-85-7	mg/kg	(1)					
Diphenylamine	122-39-4	mg/kg	(1)					
Fluoranthene	206-44-0	mg/kg	(1)					
Fluorene	86-73-7	mg/kg	(1)					
Hexachlorobenzene	118-74-1	mg/kg	(1)					
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					
Hexachloroethane	67-72-1	mg/kg	(1)					
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					
Isophorone	78-59-1	mg/kg	(1)					
Naphthalene	91-20-3	mg/kg	(1)					
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					
Pentachlorophenol	87-86-5	mg/kg	(1)					
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)					
Phenanthrene	85-01-8	mg/kg	(1)					
Phenol	108-95-2	mg/kg	(1)					
Pyrene	129-00-0	mg/kg	(1)					
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)					
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)					
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)					
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)					
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)					
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)					
Benzene - TCLP	71-43-2TCLP	ug/L	(1)					
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)					
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX1-SWS-1 6/8/2004 2.5 - 2.5 B430EX1-SWS-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX2-B1 6/8/2004 3 - 3 B430EX2-B1(3-3) SO (1)	209, Building 430 F-B430-EX2-SWN-1 6/24/2004 2.5 - 2.5 B430EX2-SWN-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX2-SWS-1 6/8/2004 2.5 - 2.5 B430EX2-SWS-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX3-B1 6/9/2004 3.5 - 3.5 B430EX3-B1(3.5-3.5) SO (1)
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)					
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)					
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)					
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
m+p-Xylenes	XYL-MP	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Moisture	%Moist	%	(1)					
% Solids	%Solid	%	(1)	61.3	73.5	65	71.2	78.8

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	ValueNo	209, Building 430 F-B430-EX3-SWE-1 6/8/2004 2.5 - 2.5 B430EX3-SWE-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWN-1 6/8/2004 2.5 - 2.5 B430EX3-SWN-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWN-2 6/24/2004 2.5 - 2.5 B430EX3-SWN-2(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWS-1 6/8/2004 2.5 - 2.5 B430EX3-SWS-1(2.5-2.5) SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg		(1)				
1,3-Dinitrobenzene	99-65-0	mg/kg		(1)				
2,4,6-Trinitrotoluene	118-96-7	mg/kg		(1)				
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg		(1)				
2-Nitrotoluene	88-72-2	mg/kg		(1)				
3-Nitrotoluene	99-08-1	mg/kg		(1)				
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg		(1)				
4-Nitrotoluene	99-99-0	mg/kg		(1)				
HMX	2691-41-0	mg/kg		(1)				
Nitrobenzene	98-95-3	mg/kg		(1)				
Nitrobenzene	98-95-3	mg/kg		(2)				
Nitrocellulose	9004-70-0	mg/kg		(1)				
Nitroglycerin	55-63-0	mg/kg		(1)				
Nitroguanidine	556-88-7	mg/kg		(1)				
PETN	78-11-5	mg/kg		(1)				
RDX	121-82-4	mg/kg		(1)				
Tetryl	479-45-8	mg/kg		(1)				
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg		(1)				
2,4-Dinitrotoluene	121-14-2	mg/kg		(2)				
2,6-Dinitrotoluene	606-20-2	mg/kg		(1)				
2,6-Dinitrotoluene	606-20-2	mg/kg		(2)				
Herbicide								
2,4,5-T	93-76-5	mg/kg		(1)				
2,4,5-TP (Silvex)	93-72-1	mg/kg		(1)				
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg		(1)				
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg		(1)				
Isotope								
Radium-228	15262-20-1	pCi/g		(1)				
Metals								
Aluminum	7429-90-5	mg/kg		(1)				
Antimony	7440-36-0	mg/kg		(1)				
Arsenic	7440-38-2	mg/kg		(1)				
Barium	7440-39-3	mg/kg		(1)				
Beryllium	7440-41-7	mg/kg		(1)				
Cadmium	7440-43-9	mg/kg		(1)				
Calcium	7440-70-2	mg/kg		(1)				
Chromium	7440-47-3	mg/kg		(1)				
Cobalt	7440-48-4	mg/kg		(1)				
Copper	7440-50-8	mg/kg		(1)				
Iron	7439-89-6	mg/kg		(1)				
Lead	7439-92-1	mg/kg		(1)	< 0.39 R	< 0.44 R	34.6	< 0.48 R
Magnesium	7439-95-4	mg/kg		(1)				
Manganese	7439-96-5	mg/kg		(1)				
Mercury	7439-97-6	mg/kg		(1)				
Nickel	7440-02-0	mg/kg		(1)				
Potassium	7440-09-7	mg/kg		(1)				
Selenium	7782-49-2	mg/kg		(1)				
Silver	7440-22-4	mg/kg		(1)				

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-EX3-SWE-1	F-B430-EX3-SWN-1	F-B430-EX3-SWN-2	F-B430-EX3-SWS-1
			Sample Date	6/8/2004	6/8/2004	6/24/2004	6/8/2004
			Depth Interval	2.5 - 2.5	2.5 - 2.5	2.5 - 2.5	2.5 - 2.5
			Sample ID	B430EX3-SWE-1(2.5-2.5)	B430EX3-SWN-1(2.5-2.5)	B430EX3-SWN-2(2.5-2.5)	B430EX3-SWS-1(2.5-2.5)
			Sample Matrix	SO	SO	SO	SO
			ValueNo				
Metals (continued)							
Sodium	7440-23-5	mg/kg	(1)				
Thallium	7440-28-0	mg/kg	(1)				
Vanadium	7440-62-2	mg/kg	(1)				
Zinc	7440-66-6	mg/kg	(1)				
PCBs							
Aroclor 1016	12674-11-2	mg/kg	(1)				
Aroclor 1221	11104-28-2	mg/kg	(1)				
Aroclor 1232	11141-16-5	mg/kg	(1)				
Aroclor 1242	53469-21-9	mg/kg	(1)				
Aroclor 1248	12672-29-6	mg/kg	(1)				
Aroclor 1254	11097-69-1	mg/kg	(1)				
Aroclor 1260	11096-82-5	mg/kg	(1)				
Pesticides							
4,4'-DDD	72-54-8	mg/kg	(1)				
4,4'-DDE	72-55-9	mg/kg	(1)				
4,4'-DDT	50-29-3	mg/kg	(1)				
Aldrin	309-00-2	mg/kg	(1)				
alpha-BHC	319-84-6	mg/kg	(1)				
alpha-Chlordane	5103-71-9	mg/kg	(1)				
beta-BHC	319-85-7	mg/kg	(1)				
Chlordane	57-74-9	mg/kg	(1)				
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)				
Dalapon	75-99-0	mg/kg	(1)				
delta-BHC	319-86-8	mg/kg	(1)				
Dicamba	1918-00-9	mg/kg	(1)				
Dichloroprop	120-36-5	mg/kg	(1)				
Dieldrin	60-57-1	mg/kg	(1)				
Endosulfan I	959-98-8	mg/kg	(1)				
Endosulfan II	33213-65-9	mg/kg	(1)				
Endosulfan sulfate	1031-07-8	mg/kg	(1)				
Endrin	72-20-8	mg/kg	(1)				
Endrin - TCLP	72-20-8TCLP	ug/L	(1)				
Endrin aldehyde	7421-93-4	mg/kg	(1)				
Endrin ketone	53494-70-5	mg/kg	(1)				
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)				
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)				
gamma-Chlordane	5103-74-2	mg/kg	(1)				
Heptachlor	76-44-8	mg/kg	(1)				
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)				
Heptachlor epoxide	1024-57-3	mg/kg	(1)				
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)				
Methoxychlor	72-43-5	mg/kg	(1)				
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)				
Toxaphene	8001-35-2	mg/kg	(1)				
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 / F-B430-EX3-SWE-1 / 6/8/2004 / 2.5 - 2.5 / B430EX3-SWE-1(2.5-2.5) / SO	209, Building 430 / F-B430-EX3-SWN-1 / 6/8/2004 / 2.5 - 2.5 / B430EX3-SWN-1(2.5-2.5) / SO	209, Building 430 / F-B430-EX3-SWN-2 / 6/24/2004 / 2.5 - 2.5 / B430EX3-SWN-2(2.5-2.5) / SO	209, Building 430 / F-B430-EX3-SWS-1 / 6/8/2004 / 2.5 - 2.5 / B430EX3-SWS-1(2.5-2.5) / SO
Radiological							
Americium-241	86954-36-1	pCi/g	(1)				
Cesium-137	10045-97-3	pCi/g	(1)				
Cobalt-60	10198-40-0	pCi/g	(1)				
Gross alpha	12587-46-1	pCi/g	(1)				
Gross beta	12587-47-2	pCi/g	(1)				
Radium-226	13982-63-3	pCi/g	(1)				
Total Uranium	7440-61-1 U	mg/kg	(1)				
Uranium-234	13966-29-5	pCi/g	(1)				
Uranium-235	15117-96-1	pCi/g	(1)				
Uranium-238	7440-61-1 U-238	pCi/g	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)				
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)				
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)				
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)				
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)				
1-Methylnaphthalene	90-12-0	mg/kg	(1)				
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)				
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)				
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)				
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)				
2,4-Dichlorophenol	120-83-2	mg/kg	(1)				
2,4-Dimethylphenol	105-67-9	mg/kg	(1)				
2,4-Dinitrophenol	51-28-5	mg/kg	(1)				
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)				
2-Chloronaphthalene	91-58-7	mg/kg	(1)				
2-Chlorophenol	95-57-8	mg/kg	(1)				
2-Methylnaphthalene	91-57-6	mg/kg	(1)				
2-Methylphenol	95-48-7	mg/kg	(1)				
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)				
2-Nitroaniline	88-74-4	mg/kg	(1)				
2-Nitrophenol	88-75-5	mg/kg	(1)				
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)				
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)				
3-Nitroaniline	99-09-2	mg/kg	(1)				
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)				
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)				
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)				
4-Chloroaniline	106-47-8	mg/kg	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)				
4-Methylphenol	106-44-5	mg/kg	(1)				
4-Nitroaniline	100-01-6	mg/kg	(1)				
4-Nitrophenol	100-02-7	mg/kg	(1)				
Acenaphthene	83-32-9	mg/kg	(1)				
Acenaphthylene	208-96-8	mg/kg	(1)				
Aniline	62-53-3	mg/kg	(1)				
Anthracene	120-12-7	mg/kg	(1)				
Benz(a)anthracene	56-55-3	mg/kg	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value / No	209, Building 430 F-B430-EX3-SWE-1 6/8/2004 2.5 - 2.5 B430EX3-SWE-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWN-1 6/8/2004 2.5 - 2.5 B430EX3-SWN-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWN-2 6/24/2004 2.5 - 2.5 B430EX3-SWN-2(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWS-1 6/8/2004 2.5 - 2.5 B430EX3-SWS-1(2.5-2.5) SO
SVOC (continued)							
Benzo(a)pyrene	50-32-8	mg/kg	(1)				
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)				
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)				
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)				
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)				
Butylbenzyl phthalate	85-68-7	mg/kg	(1)				
Carbazole	86-74-8	mg/kg	(1)				
Chrysene	218-01-9	mg/kg	(1)				
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)				
Dibenzofuran	132-64-9	mg/kg	(1)				
Diethylphthalate	84-66-2	mg/kg	(1)				
Dimethylphthalate	131-11-3	mg/kg	(1)				
di-n-Butylphthalate	84-74-2	mg/kg	(1)				
di-n-Octylphthalate	117-84-0	mg/kg	(1)				
Dinoseb	88-85-7	mg/kg	(1)				
Diphenylamine	122-39-4	mg/kg	(1)				
Fluoranthene	206-44-0	mg/kg	(1)				
Fluorene	86-73-7	mg/kg	(1)				
Hexachlorobenzene	118-74-1	mg/kg	(1)				
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)				
Hexachlorobutadiene	87-68-3	mg/kg	(1)				
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)				
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)				
Hexachloroethane	67-72-1	mg/kg	(1)				
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)				
Isophorone	78-59-1	mg/kg	(1)				
Naphthalene	91-20-3	mg/kg	(1)				
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)				
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)				
Pentachlorophenol	87-86-5	mg/kg	(1)				
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)				
Phenanthrene	85-01-8	mg/kg	(1)				
Phenol	108-95-2	mg/kg	(1)				
Pyrene	129-00-0	mg/kg	(1)				
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)				
TCLP							
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)				
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)				
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)				
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)				
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)				
Benzene - TCLP	71-43-2TCLP	ug/L	(1)				
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)				
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX3-SWE-1 6/8/2004 2.5 - 2.5 B430EX3-SWE-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWN-1 6/8/2004 2.5 - 2.5 B430EX3-SWN-1(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWN-2 6/24/2004 2.5 - 2.5 B430EX3-SWN-2(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWS-1 6/8/2004 2.5 - 2.5 B430EX3-SWS-1(2.5-2.5) SO
TCLP (continued)							
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)				
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)				
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)				
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				
1,1-Dichloroethane	75-34-3	mg/kg	(1)				
1,1-Dichloroethene	75-35-4	mg/kg	(1)				
1,2-Dichloroethane	107-06-2	mg/kg	(1)				
1,2-Dichloropropane	78-87-5	mg/kg	(1)				
2-Butanone	78-93-3	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				
Acetone	67-64-1	mg/kg	(1)				
Acetonitrile	75-05-8	mg/kg	(1)				
Benzene	71-43-2	mg/kg	(1)				
Bromodichloromethane	75-27-4	mg/kg	(1)				
Bromoform	75-25-2	mg/kg	(1)				
Bromomethane	74-83-9	mg/kg	(1)				
Carbon disulfide	75-15-0	mg/kg	(1)				
Carbon tetrachloride	56-23-5	mg/kg	(1)				
Chlorobenzene	108-90-7	mg/kg	(1)				
Chloroethane	75-00-3	mg/kg	(1)				
Chloroform	67-66-3	mg/kg	(1)				
Chloromethane	74-87-3	mg/kg	(1)				
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				
Dibromochloromethane	124-48-1	mg/kg	(1)				
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				
Ethyl benzene	100-41-4	mg/kg	(1)				
m+p-Xylenes	XYL-MP	mg/kg	(1)				
Methylene chloride	75-09-2	mg/kg	(1)				
o-Xylene	95-47-6	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)				
Tetrachloroethene	127-18-4	mg/kg	(1)				
Toluene	108-88-3	mg/kg	(1)				
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				
Trichloroethene	79-01-6	mg/kg	(1)				
Trichlorofluoromethane	75-69-4	mg/kg	(1)				
Vinyl chloride	75-01-4	mg/kg	(1)				
Xylenes	1330-20-7	mg/kg	(1)				
WetChem							
% Moisture	%Moist	%	(1)				
% Solids	%Solid	%	(1)	77.9	67.7	78.5	63.1

Chemical Name	CAS No	Unit	ValueNo	Site Name: 209, Building 430 Location ID: F-B430-EX3-SWS-2 Sample Date: 6/8/2004 Depth Interval: 2.5 - 2.5 Sample ID: B430EX3-SWS-2(2.5-2.5) Sample Matrix: SO	Site Name: 209, Building 430 Location ID: F-B430-EX3-SWS-3 Sample Date: 6/8/2004 Depth Interval: 2.5 - 2.5 Sample ID: B430EX3-SWS-3(2.5-2.5) Sample Matrix: SO	Site Name: 209, Building 430 Location ID: F-B430-EX3-SWW-1 Sample Date: 6/8/2004 Depth Interval: 2.5 - 2.5 Sample ID: B430EX3-SWW-1(2.5-2.5) Sample Matrix: SO	Site Name: 209, Building 430 Location ID: F-B430-EX4-B1 Sample Date: 6/8/2004 Depth Interval: 4 - 4 Sample ID: B430EX4-B1(4-4) Sample Matrix: SO	Site Name: 209, Building 430 Location ID: F-B430-EX4-SWN-1 Sample Date: 6/8/2004 Depth Interval: 3 - 3 Sample ID: B430EX4-SWN-1(3-3) Sample Matrix: SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)					
2-Nitrotoluene	88-72-2	mg/kg	(1)					
3-Nitrotoluene	99-08-1	mg/kg	(1)					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)					
4-Nitrotoluene	99-99-0	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(2)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					
Herbicide								
2,4,5-T	93-76-5	mg/kg	(1)					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)					
Antimony	7440-36-0	mg/kg	(1)					
Arsenic	7440-38-2	mg/kg	(1)					
Barium	7440-39-3	mg/kg	(1)					
Beryllium	7440-41-7	mg/kg	(1)					
Cadmium	7440-43-9	mg/kg	(1)					
Calcium	7440-70-2	mg/kg	(1)					
Chromium	7440-47-3	mg/kg	(1)					
Cobalt	7440-48-4	mg/kg	(1)					
Copper	7440-50-8	mg/kg	(1)					
Iron	7439-89-6	mg/kg	(1)					
Lead	7439-92-1	mg/kg	(1)	< 0.41 R	< 0.45 R	< 0.47 R	578	110
Magnesium	7439-95-4	mg/kg	(1)					
Manganese	7439-96-5	mg/kg	(1)					
Mercury	7439-97-6	mg/kg	(1)					
Nickel	7440-02-0	mg/kg	(1)					
Potassium	7440-09-7	mg/kg	(1)					
Selenium	7782-49-2	mg/kg	(1)					
Silver	7440-22-4	mg/kg	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX3-SWS-2 6/8/2004 2.5 - 2.5 B430EX3-SWS-2(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWS-3 6/8/2004 2.5 - 2.5 B430EX3-SWS-3(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWW-1 6/8/2004 2.5 - 2.5 B430EX3-SWW-1(2.5-2.5) SO	209, Building 430 F-B430-EX4-B1 6/8/2004 4 - 4 B430EX4-B1(4-4) SO	209, Building 430 F-B430-EX4-SWN-1 6/8/2004 3 - 3 B430EX4-SWN-1(3-3) SO
Metals (continued)								
Sodium	7440-23-5	mg/kg	(1)					
Thallium	7440-28-0	mg/kg	(1)					
Vanadium	7440-62-2	mg/kg	(1)					
Zinc	7440-66-6	mg/kg	(1)					
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
4,4'-DDD	72-54-8	mg/kg	(1)					
4,4'-DDE	72-55-9	mg/kg	(1)					
4,4'-DDT	50-29-3	mg/kg	(1)					
Aldrin	309-00-2	mg/kg	(1)					
alpha-BHC	319-84-6	mg/kg	(1)					
alpha-Chlordane	5103-71-9	mg/kg	(1)					
beta-BHC	319-85-7	mg/kg	(1)					
Chlordane	57-74-9	mg/kg	(1)					
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)					
Dalapon	75-99-0	mg/kg	(1)					
delta-BHC	319-86-8	mg/kg	(1)					
Dicamba	1918-00-9	mg/kg	(1)					
Dichloroprop	120-36-5	mg/kg	(1)					
Dieldrin	60-57-1	mg/kg	(1)					
Endosulfan I	959-98-8	mg/kg	(1)					
Endosulfan II	33213-65-9	mg/kg	(1)					
Endosulfan sulfate	1031-07-8	mg/kg	(1)					
Endrin	72-20-8	mg/kg	(1)					
Endrin - TCLP	72-20-8TCLP	ug/L	(1)					
Endrin aldehyde	7421-93-4	mg/kg	(1)					
Endrin ketone	53494-70-5	mg/kg	(1)					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)					
gamma-Chlordane	5103-74-2	mg/kg	(1)					
Heptachlor	76-44-8	mg/kg	(1)					
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)					
Heptachlor epoxide	1024-57-3	mg/kg	(1)					
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)					
Methoxychlor	72-43-5	mg/kg	(1)					
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)					
Toxaphene	8001-35-2	mg/kg	(1)					
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX3-SWS-2 6/8/2004 2.5 - 2.5 B430EX3-SWS-2(2.5-2.5) SO (1)	209, Building 430 F-B430-EX3-SWS-3 6/8/2004 2.5 - 2.5 B430EX3-SWS-3(2.5-2.5) SO (1)	209, Building 430 F-B430-EX3-SWW-1 6/8/2004 2.5 - 2.5 B430EX3-SWW-1(2.5-2.5) SO (1)	209, Building 430 F-B430-EX4-B1 6/8/2004 4 - 4 B430EX4-B1(4-4) SO (1)	209, Building 430 F-B430-EX4-SWN-1 6/8/2004 3 - 3 B430EX4-SWN-1(3-3) SO (1)
Radiological								
Americium-241	86954-36-1	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Radium-226	13982-63-3	pCi/g						
Total Uranium	7440-61-1 U	mg/kg						
Uranium-234	13966-29-5	pCi/g						
Uranium-235	15117-96-1	pCi/g						
Uranium-238	7440-61-1 U-238	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L						
1-Methylnaphthalene	90-12-0	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX3-SWS-2 6/8/2004 2.5 - 2.5 B430EX3-SWS-2(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWS-3 6/8/2004 2.5 - 2.5 B430EX3-SWS-3(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWW-1 6/8/2004 2.5 - 2.5 B430EX3-SWW-1(2.5-2.5) SO	209, Building 430 F-B430-EX4-B1 6/8/2004 4 - 4 B430EX4-B1(4-4) SO	209, Building 430 F-B430-EX4-SWN-1 6/8/2004 3 - 3 B430EX4-SWN-1(3-3) SO
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					
Carbazole	86-74-8	mg/kg	(1)					
Chrysene	218-01-9	mg/kg	(1)					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					
Dibenzofuran	132-64-9	mg/kg	(1)					
Diethylphthalate	84-66-2	mg/kg	(1)					
Dimethylphthalate	131-11-3	mg/kg	(1)					
di-n-Butylphthalate	84-74-2	mg/kg	(1)					
di-n-Octylphthalate	117-84-0	mg/kg	(1)					
Dinoseb	88-85-7	mg/kg	(1)					
Diphenylamine	122-39-4	mg/kg	(1)					
Fluoranthene	206-44-0	mg/kg	(1)					
Fluorene	86-73-7	mg/kg	(1)					
Hexachlorobenzene	118-74-1	mg/kg	(1)					
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					
Hexachloroethane	67-72-1	mg/kg	(1)					
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					
Isophorone	78-59-1	mg/kg	(1)					
Naphthalene	91-20-3	mg/kg	(1)					
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					
Pentachlorophenol	87-86-5	mg/kg	(1)					
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)					
Phenanthrene	85-01-8	mg/kg	(1)					
Phenol	108-95-2	mg/kg	(1)					
Pyrene	129-00-0	mg/kg	(1)					
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)					
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)					
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)					
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)					
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)					
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)					
Benzene - TCLP	71-43-2TCLP	ug/L	(1)					
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)					
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX3-SWS-2 6/8/2004 2.5 - 2.5 B430EX3-SWS-2(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWS-3 6/8/2004 2.5 - 2.5 B430EX3-SWS-3(2.5-2.5) SO	209, Building 430 F-B430-EX3-SWW-1 6/8/2004 2.5 - 2.5 B430EX3-SWW-1(2.5-2.5) SO	209, Building 430 F-B430-EX4-B1 6/8/2004 4 - 4 B430EX4-B1(4-4) SO	209, Building 430 F-B430-EX4-SWN-1 6/8/2004 3 - 3 B430EX4-SWN-1(3-3) SO
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)					
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)					
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)					
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
m+p-Xylenes	XYL-MP	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Moisture	%Moist	%	(1)					
% Solids	%Solid	%	(1)	73.9	67.4	64.3	62.8	82.9

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX4-SWNE-1 6/8/2004 3 - 3 B430EX4-SWNE-1(3-3) SO	209, Building 430 F-B430-EX4-SWS-1 6/8/2004 2 - 2 B430EX4-SWS-1(2-2) SO	209, Building 430 F-B430-EX4-SWSE-1 6/8/2004 2 - 2 B430EX4-SWSE-1(2-2) SO	209, Building 430 F-B430-EX4-SWW-1 6/8/2004 2 - 2 B430EX4-SWW-1(2-2) SO	209, Building 430 F-B430-SB-01 12/13/2000 2 - 3 B430SB-1B(2-3) SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)					< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)					< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)					< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)					< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)					< 0.25 U
HMX	2691-41-0	mg/kg	(1)					< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)					< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)					
Nitrocellulose	9004-70-0	mg/kg	(1)					773 D
Nitroglycerin	55-63-0	mg/kg	(1)					< 1.5 U
Nitroguanidine	556-88-7	mg/kg	(1)					< 0.25 U
PETN	78-11-5	mg/kg	(1)					< 0.5 U
RDX	121-82-4	mg/kg	(1)					< 0.25 U
Tetryl	479-45-8	mg/kg	(1)					< 0.25 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					1.1
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					0.09 J
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					
Herbicide								
2,4,5-T	93-76-5	mg/kg	(1)					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)					9440
Antimony	7440-36-0	mg/kg	(1)					< 1.7 UJ
Arsenic	7440-38-2	mg/kg	(1)					5.7
Barium	7440-39-3	mg/kg	(1)					5350 JD
Beryllium	7440-41-7	mg/kg	(1)					0.19 J
Cadmium	7440-43-9	mg/kg	(1)					1.2
Calcium	7440-70-2	mg/kg	(1)					3100
Chromium	7440-47-3	mg/kg	(1)					12
Cobalt	7440-48-4	mg/kg	(1)					0.4 J
Copper	7440-50-8	mg/kg	(1)					72.2 J
Iron	7439-89-6	mg/kg	(1)					7120
Lead	7439-92-1	mg/kg	(1)	269	< 0.4 R	117	597	113
Magnesium	7439-95-4	mg/kg	(1)					798 J
Manganese	7439-96-5	mg/kg	(1)					133
Mercury	7439-97-6	mg/kg	(1)					2
Nickel	7440-02-0	mg/kg	(1)					10
Potassium	7440-09-7	mg/kg	(1)					450 J
Selenium	7782-49-2	mg/kg	(1)					1.7
Silver	7440-22-4	mg/kg	(1)					< 0.86 U

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-EX4-SWNE-1	F-B430-EX4-SWS-1	F-B430-EX4-SWSE-1	F-B430-EX4-SWW-1	F-B430-SB-01
			Sample Date	6/8/2004	6/8/2004	6/8/2004	6/8/2004	12/13/2000
			Depth Interval	3 - 3	2 - 2	2 - 2	2 - 2	2 - 3
			Sample ID	B430EX4-SWNE-1(3-3)	B430EX4-SWS-1(2-2)	B430EX4-SWSE-1(2-2)	B430EX4-SWW-1(2-2)	B430SB-1B(2-3)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Metals (continued)								
Sodium	7440-23-5	mg/kg	(1)					124 J
Thallium	7440-28-0	mg/kg	(1)					1.5 J
Vanadium	7440-62-2	mg/kg	(1)					12.1
Zinc	7440-66-6	mg/kg	(1)					253
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
4,4'-DDD	72-54-8	mg/kg	(1)					
4,4'-DDE	72-55-9	mg/kg	(1)					
4,4'-DDT	50-29-3	mg/kg	(1)					
Aldrin	309-00-2	mg/kg	(1)					
alpha-BHC	319-84-6	mg/kg	(1)					
alpha-Chlordane	5103-71-9	mg/kg	(1)					
beta-BHC	319-85-7	mg/kg	(1)					
Chlordane	57-74-9	mg/kg	(1)					
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)					
Dalapon	75-99-0	mg/kg	(1)					
delta-BHC	319-86-8	mg/kg	(1)					
Dicamba	1918-00-9	mg/kg	(1)					
Dichloroprop	120-36-5	mg/kg	(1)					
Dieldrin	60-57-1	mg/kg	(1)					
Endosulfan I	959-98-8	mg/kg	(1)					
Endosulfan II	33213-65-9	mg/kg	(1)					
Endosulfan sulfate	1031-07-8	mg/kg	(1)					
Endrin	72-20-8	mg/kg	(1)					
Endrin - TCLP	72-20-8TCLP	ug/L	(1)					
Endrin aldehyde	7421-93-4	mg/kg	(1)					
Endrin ketone	53494-70-5	mg/kg	(1)					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)					
gamma-Chlordane	5103-74-2	mg/kg	(1)					
Heptachlor	76-44-8	mg/kg	(1)					
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)					
Heptachlor epoxide	1024-57-3	mg/kg	(1)					
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)					
Methoxychlor	72-43-5	mg/kg	(1)					
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)					
Toxaphene	8001-35-2	mg/kg	(1)					
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-EX4-SWNE-1	F-B430-EX4-SWS-1	F-B430-EX4-SWSE-1	F-B430-EX4-SWW-1	F-B430-SB-01
			Sample Date	6/8/2004	6/8/2004	6/8/2004	6/8/2004	12/13/2000
			Depth Interval	3 - 3	2 - 2	2 - 2	2 - 2	2 - 3
			Sample ID	B430EX4-SWNE-1(3-3)	B430EX4-SWS-1(2-2)	B430EX4-SWSE-1(2-2)	B430EX4-SWW-1(2-2)	B430SB-1B(2-3)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross alpha	12587-46-1	pCi/g	(1)					
Gross beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)					
1-Methylnaphthalene	90-12-0	mg/kg	(1)					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)					
2-Chloronaphthalene	91-58-7	mg/kg	(1)					
2-Chlorophenol	95-57-8	mg/kg	(1)					
2-Methylnaphthalene	91-57-6	mg/kg	(1)					
2-Methylphenol	95-48-7	mg/kg	(1)					
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)					
2-Nitroaniline	88-74-4	mg/kg	(1)					
2-Nitrophenol	88-75-5	mg/kg	(1)					
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					
3-Nitroaniline	99-09-2	mg/kg	(1)					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					
4-Chloroaniline	106-47-8	mg/kg	(1)					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					
4-Methylphenol	106-44-5	mg/kg	(1)					
4-Nitroaniline	100-01-6	mg/kg	(1)					
4-Nitrophenol	100-02-7	mg/kg	(1)					
Acenaphthene	83-32-9	mg/kg	(1)					
Acenaphthylene	208-96-8	mg/kg	(1)					
Aniline	62-53-3	mg/kg	(1)					
Anthracene	120-12-7	mg/kg	(1)					
Benz(a)anthracene	56-55-3	mg/kg	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX4-SWNE-1 6/8/2004 3 - 3 B430EX4-SWNE-1(3-3) SO	209, Building 430 F-B430-EX4-SWS-1 6/8/2004 2 - 2 B430EX4-SWS-1(2-2) SO	209, Building 430 F-B430-EX4-SWSE-1 6/8/2004 2 - 2 B430EX4-SWSE-1(2-2) SO	209, Building 430 F-B430-EX4-SWW-1 6/8/2004 2 - 2 B430EX4-SWW-1(2-2) SO	209, Building 430 F-B430-SB-01 12/13/2000 2 - 3 B430SB-1B(2-3) SO
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					
Carbazole	86-74-8	mg/kg	(1)					
Chrysene	218-01-9	mg/kg	(1)					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					
Dibenzofuran	132-64-9	mg/kg	(1)					
Diethylphthalate	84-66-2	mg/kg	(1)					
Dimethylphthalate	131-11-3	mg/kg	(1)					
di-n-Butylphthalate	84-74-2	mg/kg	(1)					
di-n-Octylphthalate	117-84-0	mg/kg	(1)					
Dinoseb	88-85-7	mg/kg	(1)					
Diphenylamine	122-39-4	mg/kg	(1)					
Fluoranthene	206-44-0	mg/kg	(1)					
Fluorene	86-73-7	mg/kg	(1)					
Hexachlorobenzene	118-74-1	mg/kg	(1)					
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					
Hexachloroethane	67-72-1	mg/kg	(1)					
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					
Isophorone	78-59-1	mg/kg	(1)					
Naphthalene	91-20-3	mg/kg	(1)					
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					
Pentachlorophenol	87-86-5	mg/kg	(1)					
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)					
Phenanthrene	85-01-8	mg/kg	(1)					
Phenol	108-95-2	mg/kg	(1)					
Pyrene	129-00-0	mg/kg	(1)					
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)					
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)					
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)					
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)					
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)					
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)					
Benzene - TCLP	71-43-2TCLP	ug/L	(1)					
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)					
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-EX4-SWNE-1 6/8/2004 3 - 3 B430EX4-SWNE-1(3-3) SO (1)	209, Building 430 F-B430-EX4-SWS-1 6/8/2004 2 - 2 B430EX4-SWS-1(2-2) SO (1)	209, Building 430 F-B430-EX4-SWSE-1 6/8/2004 2 - 2 B430EX4-SWSE-1(2-2) SO (1)	209, Building 430 F-B430-EX4-SWW-1 6/8/2004 2 - 2 B430EX4-SWW-1(2-2) SO (1)	209, Building 430 F-B430-SB-01 12/13/2000 2 - 3 B430SB-1B(2-3) SO (1)
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)					
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)					
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)					
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
m+p-Xylenes	XYL-MP	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Moisture	%Moist	%	(1)					27.3
% Solids	%Solid	%	(1)	76.4	74.8	86.5	77.4	58.3

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	ValueNo	209, Building 430 F-B430-SB-01 12/13/2000 2 - 3 B430SB-1BDUP(2-3) SO	209, Building 430 F-B430-SB-02 5/22/2001 4.5 - 6.5 B430SB-2B(4.5-6.5) SO	209, Building 430 F-B430-SB-03 5/22/2001 4.3 - 6.3 B430SB-3B(4.3-6.3) SO	209, Building 430 F-B430-SS-05 9/1/2000 0 - 1 B430SS-5A(0-1) SO	209, Building 430 F-B430-SS-06 9/1/2000 0 - 1 B430SS-6A(0-1) SO	209, Building 430 F-B430-SS-07 9/1/2000 0 - 1 B430SS-7A(0-1) SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg		(1)	< 0.25 U					
1,3-Dinitrobenzene	99-65-0	mg/kg		(1)	< 0.25 U					
2,4,6-Trinitrotoluene	118-96-7	mg/kg		(1)	< 0.25 U					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg		(1)	< 0.25 U					
2-Nitrotoluene	88-72-2	mg/kg		(1)	< 0.25 U					
3-Nitrotoluene	99-08-1	mg/kg		(1)	< 0.25 U					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg		(1)	< 0.25 U					
4-Nitrotoluene	99-99-0	mg/kg		(1)	< 0.25 U					
HMX	2691-41-0	mg/kg		(1)	< 0.25 U					
Nitrobenzene	98-95-3	mg/kg		(1)	< 0.25 U					
Nitrobenzene	98-95-3	mg/kg		(2)						
Nitrocellulose	9004-70-0	mg/kg		(1)	574 D					
Nitroglycerin	55-63-0	mg/kg		(1)	< 0.5 U					
Nitroguanidine	556-88-7	mg/kg		(1)	< 0.25 U					
PETN	78-11-5	mg/kg		(1)	< 0.5 U					
RDX	121-82-4	mg/kg		(1)	< 0.25 U					
Tetryl	479-45-8	mg/kg		(1)	< 0.25 U					
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg		(1)	0.91					
2,4-Dinitrotoluene	121-14-2	mg/kg		(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg		(1)	< 0.25 U					
2,6-Dinitrotoluene	606-20-2	mg/kg		(2)						
Herbicide										
2,4,5-T	93-76-5	mg/kg		(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg		(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg		(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg		(1)						
Isotope										
Radium-228	15262-20-1	pCi/g		(1)						
Metals										
Aluminum	7429-90-5	mg/kg		(1)	12800					
Antimony	7440-36-0	mg/kg		(1)	< 1.7 UJ					
Arsenic	7440-38-2	mg/kg		(1)	3.8			6 J	5.5 J	8.4 J
Barium	7440-39-3	mg/kg		(1)	2030 J					
Beryllium	7440-41-7	mg/kg		(1)	0.26 J					
Cadmium	7440-43-9	mg/kg		(1)	0.6					
Calcium	7440-70-2	mg/kg		(1)	3350					
Chromium	7440-47-3	mg/kg		(1)	13.7					
Cobalt	7440-48-4	mg/kg		(1)	2.7 J					
Copper	7440-50-8	mg/kg		(1)	42.8 J					
Iron	7439-89-6	mg/kg		(1)	5530					
Lead	7439-92-1	mg/kg		(1)	82	248 J	21.8 J	261 J	810 J	755 J
Magnesium	7439-95-4	mg/kg		(1)	883					
Manganese	7439-96-5	mg/kg		(1)	132					
Mercury	7439-97-6	mg/kg		(1)	0.69					
Nickel	7440-02-0	mg/kg		(1)	8.4					
Potassium	7440-09-7	mg/kg		(1)	540 J					
Selenium	7782-49-2	mg/kg		(1)	1.6					
Silver	7440-22-4	mg/kg		(1)	< 0.83 U					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SB-01 12/13/2000 2 - 3 B430SB-1BDUP(2-3) SO	209, Building 430 F-B430-SB-02 5/22/2001 4.5 - 6.5 B430SB-2B(4.5-6.5) SO	209, Building 430 F-B430-SB-03 5/22/2001 4.3 - 6.3 B430SB-3B(4.3-6.3) SO	209, Building 430 F-B430-SS-05 9/1/2000 0 - 1 B430SS-5A(0-1) SO	209, Building 430 F-B430-SS-06 9/1/2000 0 - 1 B430SS-6A(0-1) SO	209, Building 430 F-B430-SS-07 9/1/2000 0 - 1 B430SS-7A(0-1) SO
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)	86.7 J					
Thallium	7440-28-0	mg/kg	(1)	< 1.7 U					
Vanadium	7440-62-2	mg/kg	(1)	12.4					
Zinc	7440-66-6	mg/kg	(1)	148					
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-SB-01	F-B430-SB-02	F-B430-SB-03	F-B430-SS-05	F-B430-SS-06	F-B430-SS-07
			Sample Date	12/13/2000	5/22/2001	5/22/2001	9/1/2000	9/1/2000	9/1/2000
			Depth Interval	2 - 3	4.5 - 6.5	4.3 - 6.3	0 - 1	0 - 1	0 - 1
			Sample ID	B430SB-1BDUP(2-3)	B430SB-2B(4.5-6.5)	B430SB-3B(4.3-6.3)	B430SS-5A(0-1)	B430SS-6A(0-1)	B430SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430
			Location ID	F-B430-SB-01	F-B430-SB-02	F-B430-SB-03	F-B430-SS-05	F-B430-SS-06	F-B430-SS-07
			Sample Date	12/13/2000	5/22/2001	5/22/2001	9/1/2000	9/1/2000	9/1/2000
			Depth Interval	2 - 3	4.5 - 6.5	4.3 - 6.3	0 - 1	0 - 1	0 - 1
			Sample ID	B430SB-1BDUP(2-3)	B430SB-2B(4.5-6.5)	B430SB-3B(4.3-6.3)	B430SS-5A(0-1)	B430SS-6A(0-1)	B430SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SB-01 12/13/2000 2 - 3 B430SB-1BDUP(2-3) SO	209, Building 430 F-B430-SB-02 5/22/2001 4.5 - 6.5 B430SB-2B(4.5-6.5) SO	209, Building 430 F-B430-SB-03 5/22/2001 4.3 - 6.3 B430SB-3B(4.3-6.3) SO	209, Building 430 F-B430-SS-05 9/1/2000 0 - 1 B430SS-5A(0-1) SO	209, Building 430 F-B430-SS-06 9/1/2000 0 - 1 B430SS-6A(0-1) SO	209, Building 430 F-B430-SS-07 9/1/2000 0 - 1 B430SS-7A(0-1) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)	28.8					
% Solids	%Solid	%	(1)	60.5	69.7	85	85.8	66.1	76.2

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-08 9/1/2000 0 - 1 B430SS-8A(0-1) SO	209, Building 430 F-B430-SS-08 9/1/2000 2 - 3 B430SS-8C(2-3) SO	209, Building 430 F-B430-SS-09 9/1/2000 0 - 1 B430SS-9A(0-1) SO	209, Building 430 F-B430-SS-09 9/1/2000 2 - 3 B430SS-9C(2-3) SO	209, Building 430 F-B430-SS-10 9/1/2000 0 - 1 B430SS-10A(0-1) SO	209, Building 430 F-B430-SS-11 9/1/2000 0 - 1 B430SS-11A(0-1) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)	5.5 J	21.2 J	9 J	7.5 J	8.9 J	8.3 J
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)	889 J	625 J	2190 JD	998 J	1090 J	663 J
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-08 9/1/2000 0 - 1 B430SS-8A(0-1) SO	209, Building 430 F-B430-SS-08 9/1/2000 2 - 3 B430SS-8C(2-3) SO	209, Building 430 F-B430-SS-09 9/1/2000 0 - 1 B430SS-9A(0-1) SO	209, Building 430 F-B430-SS-09 9/1/2000 2 - 3 B430SS-9C(2-3) SO	209, Building 430 F-B430-SS-10 9/1/2000 0 - 1 B430SS-10A(0-1) SO	209, Building 430 F-B430-SS-11 9/1/2000 0 - 1 B430SS-11A(0-1) SO
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-08 9/1/2000 0 - 1 B430SS-8A(0-1) SO	209, Building 430 F-B430-SS-08 9/1/2000 2 - 3 B430SS-8C(2-3) SO	209, Building 430 F-B430-SS-09 9/1/2000 0 - 1 B430SS-9A(0-1) SO	209, Building 430 F-B430-SS-09 9/1/2000 2 - 3 B430SS-9C(2-3) SO	209, Building 430 F-B430-SS-10 9/1/2000 0 - 1 B430SS-10A(0-1) SO	209, Building 430 F-B430-SS-11 9/1/2000 0 - 1 B430SS-11A(0-1) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-08 9/1/2000 0 - 1 B430SS-8A(0-1) SO	209, Building 430 F-B430-SS-08 9/1/2000 2 - 3 B430SS-8C(2-3) SO	209, Building 430 F-B430-SS-09 9/1/2000 0 - 1 B430SS-9A(0-1) SO	209, Building 430 F-B430-SS-09 9/1/2000 2 - 3 B430SS-9C(2-3) SO	209, Building 430 F-B430-SS-10 9/1/2000 0 - 1 B430SS-10A(0-1) SO	209, Building 430 F-B430-SS-11 9/1/2000 0 - 1 B430SS-11A(0-1) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-08 9/1/2000 0 - 1 B430SS-8A(0-1) SO	209, Building 430 F-B430-SS-08 9/1/2000 2 - 3 B430SS-8C(2-3) SO	209, Building 430 F-B430-SS-09 9/1/2000 0 - 1 B430SS-9A(0-1) SO	209, Building 430 F-B430-SS-09 9/1/2000 2 - 3 B430SS-9C(2-3) SO	209, Building 430 F-B430-SS-10 9/1/2000 0 - 1 B430SS-10A(0-1) SO	209, Building 430 F-B430-SS-11 9/1/2000 0 - 1 B430SS-11A(0-1) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	60.1	71	77.8	73.1	72.7	79.9

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-18 4/24/2001 0 - 1 B430SS-18A(0-1) SO	209, Building 430 F-B430-SS-19 4/24/2001 0 - 1 B430SS-19A(0-1) SO	209, Building 430 F-B430-SS-20 4/24/2001 0 - 1 B430SS-20A(0-1) SO	209, Building 430 F-B430-SS-21 4/24/2001 0 - 1 B430SS-21A(0-1) SO	209, Building 430 F-B430-SS-22 4/24/2001 0 - 1 B430SS-22A(0-1) SO	209, Building 430 F-B430-SS-23 10/15/2001 0 - 1 B430SS-23(0-1) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)						
Antimony	7440-36-0	mg/kg	(1)						
Arsenic	7440-38-2	mg/kg	(1)						
Barium	7440-39-3	mg/kg	(1)						
Beryllium	7440-41-7	mg/kg	(1)						
Cadmium	7440-43-9	mg/kg	(1)						
Calcium	7440-70-2	mg/kg	(1)						
Chromium	7440-47-3	mg/kg	(1)						
Cobalt	7440-48-4	mg/kg	(1)						
Copper	7440-50-8	mg/kg	(1)						
Iron	7439-89-6	mg/kg	(1)						
Lead	7439-92-1	mg/kg	(1)	< 0.37 R	< 0.39 R	< 0.38 R	< 0.49 R	< 0.49 R	1200 JD
Magnesium	7439-95-4	mg/kg	(1)						
Manganese	7439-96-5	mg/kg	(1)						
Mercury	7439-97-6	mg/kg	(1)						
Nickel	7440-02-0	mg/kg	(1)						
Potassium	7440-09-7	mg/kg	(1)						
Selenium	7782-49-2	mg/kg	(1)						
Silver	7440-22-4	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-18 4/24/2001 0 - 1 B430SS-18A(0-1) SO	209, Building 430 F-B430-SS-19 4/24/2001 0 - 1 B430SS-19A(0-1) SO	209, Building 430 F-B430-SS-20 4/24/2001 0 - 1 B430SS-20A(0-1) SO	209, Building 430 F-B430-SS-21 4/24/2001 0 - 1 B430SS-21A(0-1) SO	209, Building 430 F-B430-SS-22 4/24/2001 0 - 1 B430SS-22A(0-1) SO	209, Building 430 F-B430-SS-23 10/15/2001 0 - 1 B430SS-23(0-1) SO
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)						
Thallium	7440-28-0	mg/kg	(1)						
Vanadium	7440-62-2	mg/kg	(1)						
Zinc	7440-66-6	mg/kg	(1)						
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-18 4/24/2001 0 - 1 B430SS-18A(0-1) SO	209, Building 430 F-B430-SS-19 4/24/2001 0 - 1 B430SS-19A(0-1) SO	209, Building 430 F-B430-SS-20 4/24/2001 0 - 1 B430SS-20A(0-1) SO	209, Building 430 F-B430-SS-21 4/24/2001 0 - 1 B430SS-21A(0-1) SO	209, Building 430 F-B430-SS-22 4/24/2001 0 - 1 B430SS-22A(0-1) SO	209, Building 430 F-B430-SS-23 10/15/2001 0 - 1 B430SS-23(0-1) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-18 4/24/2001 0 - 1 B430SS-18A(0-1) SO	209, Building 430 F-B430-SS-19 4/24/2001 0 - 1 B430SS-19A(0-1) SO	209, Building 430 F-B430-SS-20 4/24/2001 0 - 1 B430SS-20A(0-1) SO	209, Building 430 F-B430-SS-21 4/24/2001 0 - 1 B430SS-21A(0-1) SO	209, Building 430 F-B430-SS-22 4/24/2001 0 - 1 B430SS-22A(0-1) SO	209, Building 430 F-B430-SS-23 10/15/2001 0 - 1 B430SS-23(0-1) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-18 4/24/2001 0 - 1 B430SS-18A(0-1) SO	209, Building 430 F-B430-SS-19 4/24/2001 0 - 1 B430SS-19A(0-1) SO	209, Building 430 F-B430-SS-20 4/24/2001 0 - 1 B430SS-20A(0-1) SO	209, Building 430 F-B430-SS-21 4/24/2001 0 - 1 B430SS-21A(0-1) SO	209, Building 430 F-B430-SS-22 4/24/2001 0 - 1 B430SS-22A(0-1) SO	209, Building 430 F-B430-SS-23 10/15/2001 0 - 1 B430SS-23(0-1) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	81.3	76.5	78.7	61.7	61.6	70.3

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-24 10/15/2001 0 - 1 B430SS-24(0-1) SO	209, Building 430 F-B430-SS-25 10/15/2001 0 - 1 B430SS-25(0-1) SO	209, Building 430 F-B430TR-1 6/17/2004 0 - 1 B430TR-1(0-1) SO	209, Building 430 F-B430TR-2 6/17/2004 0 - 1 B430TR-2(0-1) SO	209, Building 430 F-B430TR-3 6/17/2004 0 - 1 B430TR-3(0-1) SO	209, Building 462A F-B462ATP-1 12/17/2003 0 - 2 B462ATP-1A(0-2) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	0.39	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	2.1	< 0.25 U	< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)	0.47 J	< 0.5 U	< 0.5 U	7.6	< 0.5 U	< 0.5 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						66.4
Nitroglycerin	55-63-0	mg/kg	(1)						< 2.5 U
Nitroguanidine	556-88-7	mg/kg	(1)						< 0.1 U
PETN	78-11-5	mg/kg	(1)						< 2.5 U
RDX	121-82-4	mg/kg	(1)	0.49 J	< 0.5 U	< 0.5 U	0.07 J	< 0.5 U	< 0.5 U
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	0.06 J	< 0.25 U	< 0.25 U	5.6	< 0.25 U	< 0.25 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	0.22 J	< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)			7910	7060	7520	
Antimony	7440-36-0	mg/kg	(1)			0.63 J	0.47 J	0.41 J	
Arsenic	7440-38-2	mg/kg	(1)			5.3	6.8	3.9	
Barium	7440-39-3	mg/kg	(1)			35.9	2060	33.9	
Beryllium	7440-41-7	mg/kg	(1)			0.4 J	0.33 J	0.25 J	
Cadmium	7440-43-9	mg/kg	(1)			0.24	1.7	0.06 J	
Calcium	7440-70-2	mg/kg	(1)			12200	47400	703	
Chromium	7440-47-3	mg/kg	(1)			12.3	13.7	6.9	
Cobalt	7440-48-4	mg/kg	(1)			11.1	2.8 J	5.8	
Copper	7440-50-8	mg/kg	(1)			20	277	12	
Iron	7439-89-6	mg/kg	(1)			18400	12500	10900	
Lead	7439-92-1	mg/kg	(1)	1750 J	44.7 JD	163	324	49.3	
Magnesium	7439-95-4	mg/kg	(1)			3370	3970	896	
Manganese	7439-96-5	mg/kg	(1)			464	305	169	
Mercury	7439-97-6	mg/kg	(1)			0.02 J	0.69	0.16	
Nickel	7440-02-0	mg/kg	(1)			13.4	9.8	9	
Potassium	7440-09-7	mg/kg	(1)			329 J	282 J	224 J	
Selenium	7782-49-2	mg/kg	(1)			< 0.56 U	< 0.58 U	0.39 J	
Silver	7440-22-4	mg/kg	(1)			< 0.56 U	< 0.58 U	< 0.55 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-24 10/15/2001 0 - 1 B430SS-24(0-1) SO	209, Building 430 F-B430-SS-25 10/15/2001 0 - 1 B430SS-25(0-1) SO	209, Building 430 F-B430TR-1 6/17/2004 0 - 1 B430TR-1(0-1) SO	209, Building 430 F-B430TR-2 6/17/2004 0 - 1 B430TR-2(0-1) SO	209, Building 430 F-B430TR-3 6/17/2004 0 - 1 B430TR-3(0-1) SO	209, Building 462A F-B462ATP-1 12/17/2003 0 - 2 B462ATP-1A(0-2) SO
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)			< 565 U	< 575 U	< 546 U	
Thallium	7440-28-0	mg/kg	(1)			< 1.1 U	< 1.2 U	< 1.1 U	
Vanadium	7440-62-2	mg/kg	(1)			17.1	14.8	13.2	
Zinc	7440-66-6	mg/kg	(1)			103	649	31.8	
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 462A
			Location ID	F-B430-SS-24	F-B430-SS-25	F-B430TR-1	F-B430TR-2	F-B430TR-3	F-B462ATP-1
			Sample Date	10/15/2001	10/15/2001	6/17/2004	6/17/2004	6/17/2004	12/17/2003
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 2
			Sample ID	B430SS-24(0-1)	B430SS-25(0-1)	B430TR-1(0-1)	B430TR-2(0-1)	B430TR-3(0-1)	B462ATP-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 430	209, Building 462A
			Location ID	F-B430-SS-24	F-B430-SS-25	F-B430TR-1	F-B430TR-2	F-B430TR-3	F-B462ATP-1
			Sample Date	10/15/2001	10/15/2001	6/17/2004	6/17/2004	6/17/2004	12/17/2003
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 2
			Sample ID	B430SS-24(0-1)	B430SS-25(0-1)	B430TR-1(0-1)	B430TR-2(0-1)	B430TR-3(0-1)	B462ATP-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 430 F-B430-SS-24 10/15/2001 0 - 1 B430SS-24(0-1) SO	209, Building 430 F-B430-SS-25 10/15/2001 0 - 1 B430SS-25(0-1) SO	209, Building 430 F-B430TR-1 6/17/2004 0 - 1 B430TR-1(0-1) SO	209, Building 430 F-B430TR-2 6/17/2004 0 - 1 B430TR-2(0-1) SO	209, Building 430 F-B430TR-3 6/17/2004 0 - 1 B430TR-3(0-1) SO	209, Building 462A F-B462ATP-1 12/17/2003 0 - 2 B462ATP-1A(0-2) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Moisture	%Moist	%	(1)						15.2
% Solids	%Solid	%	(1)	79.1	73.8	88.5	87	91.5	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-B462ATP-1 12/17/2003 12 - 12.5 B462ATP-1B(12-12.5) SO	209, Building 462A F-B462-MW-1 11/2/2000 18 - 20 B462MW-1B(18-20) SO	209, Building 167 F-EX167-B-1 8/17/2004 2 - 2 EX167-B-1(2-2) SO	209, Building 167 F-EX167-SWW-1 8/17/2004 1 - 1 EX167-SWW-1(1-1) SO	209, Building 167 F-EX167-SWW-2 9/2/2004 1 - 1 EX167-SWW-2(1-1) SO	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 0 - 1 FAR-1SA(0-1) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 R				
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 R				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 R				
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 R				
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 R				
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 R				
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 R				
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 R				
HMX	2691-41-0	mg/kg	(1)	< 0.5 U	< 0.25 R				
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.25 R				
Nitrobenzene	98-95-3	mg/kg	(2)		< 0.34 U				
Nitrocellulose	9004-70-0	mg/kg	(1)	364 QD					
Nitroglycerin	55-63-0	mg/kg	(1)	< 2.5 U	< 0.5 R				
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.1 U	< 0.25 U				
PETN	78-11-5	mg/kg	(1)	< 2.5 U	< 0.5 R				
RDX	121-82-4	mg/kg	(1)	< 0.5 U	< 0.25 R				
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U	< 0.25 R				
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	0.14 J	< 0.34 U				
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		< 0.25 R				
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 0.34 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 0.25 R				
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)		5340 J				
Antimony	7440-36-0	mg/kg	(1)		0.57 J				
Arsenic	7440-38-2	mg/kg	(1)		3.6 J				13.4
Barium	7440-39-3	mg/kg	(1)		24.7 J				
Beryllium	7440-41-7	mg/kg	(1)		< 0.52 U				
Cadmium	7440-43-9	mg/kg	(1)		0.11 J				
Calcium	7440-70-2	mg/kg	(1)		883 J				
Chromium	7440-47-3	mg/kg	(1)		17.7 J				
Cobalt	7440-48-4	mg/kg	(1)		4.4 J				
Copper	7440-50-8	mg/kg	(1)		24.2 J				
Iron	7439-89-6	mg/kg	(1)		20500 J				
Lead	7439-92-1	mg/kg	(1)		6.6 J				116 J
Magnesium	7439-95-4	mg/kg	(1)		1600 J				
Manganese	7439-96-5	mg/kg	(1)		< 1.6 R				
Mercury	7439-97-6	mg/kg	(1)		< 0.1 U				
Nickel	7440-02-0	mg/kg	(1)		9.3 J				
Potassium	7440-09-7	mg/kg	(1)		748 J				
Selenium	7782-49-2	mg/kg	(1)		< 0.52 U				
Silver	7440-22-4	mg/kg	(1)		< 0.52 U				

Chemical Name	CAS No	Unit	Site Name	209, Building 462A	209, Building 462A	209, Building 167	209, Building 167	209, Building 167	209, Fmr Bldg 303
			Location ID	F-B462ATP-1	F-B462-MW-1	F-EX167-B-1	F-EX167-SWW-1	F-EX167-SWW-2	F-FAR-1S
			Sample Date	12/17/2003	11/2/2000	8/17/2004	8/17/2004	9/2/2004	9/15/2000
			Depth Interval	12 - 12.5	18 - 20	2 - 2	1 - 1	1 - 1	0 - 1
			Sample ID	B462ATP-1B(12-12.5)	B462MW-1B(18-20)	EX167-B-1(2-2)	EX167-SWW-1(1-1)	EX167-SWW-2(1-1)	FAR-1SA(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)		< 522 U				
Thallium	7440-28-0	mg/kg	(1)		< 1 U				
Vanadium	7440-62-2	mg/kg	(1)		19.6 J				
Zinc	7440-66-6	mg/kg	(1)		23.5 J				
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-B462ATP-1 12/17/2003 12 - 12.5 B462ATP-1B(12-12.5) SO	209, Building 462A F-B462-MW-1 11/2/2000 18 - 20 B462MW-1B(18-20) SO	209, Building 167 F-EX167-B-1 8/17/2004 2 - 2 EX167-B-1(2-2) SO	209, Building 167 F-EX167-SWW-1 8/17/2004 1 - 1 EX167-SWW-1(1-1) SO	209, Building 167 F-EX167-SWW-2 9/2/2004 1 - 1 EX167-SWW-2(1-1) SO	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 0 - 1 FAR-1SA(0-1) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.68 UD				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.34 U				
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.34 U				
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.34 U				
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.34 U				
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)			< 0.38 U	< 0.78 UD	< 1.8 UD	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.34 U				
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.34 U				
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.34 U				
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.34 U				
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.7 U				
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.34 U				
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.34 U				
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.34 U	< 0.38 U	0.04 JD	< 1.8 UD	
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.34 U				
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)		< 1.7 U				
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.34 U				
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.7 U				
3-Nitroaniline	99-09-2	mg/kg	(1)		< 1.7 U				
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 1.7 U				
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.34 U				
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.34 U				
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.34 U				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.34 U				
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.34 U#				
4-Nitroaniline	100-01-6	mg/kg	(1)		< 1.7 U				
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.7 U				
Acenaphthene	83-32-9	mg/kg	(1)		< 0.34 U	0.03 J	0.05 JD	< 1.8 UD	< 0.47 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.34 U	0.05 J	0.05 JD	< 1.8 UD	< 0.47 U
Aniline	62-53-3	mg/kg	(1)		< 0.34 U				
Anthracene	120-12-7	mg/kg	(1)		< 0.34 U	0.15 J	0.24 JD	0.22 JD	< 0.47 U
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.34 U	0.37 J	0.86 D	0.57 JD	0.06 J

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-B462ATP-1 12/17/2003 12 - 12.5 B462ATP-1B(12-12.5) SO	209, Building 462A F-B462-MW-1 11/2/2000 18 - 20 B462MW-1B(18-20) SO	209, Building 167 F-EX167-B-1 8/17/2004 2 - 2 EX167-B-1(2-2) SO	209, Building 167 F-EX167-SWW-1 8/17/2004 1 - 1 EX167-SWW-1(1-1) SO	209, Building 167 F-EX167-SWW-2 9/2/2004 1 - 1 EX167-SWW-2(1-1) SO	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 0 - 1 FAR-1SA(0-1) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 0.34 U	0.4	0.87 D	0.48 JD	0.06 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 0.34 U	0.62	1.4 D	0.68 JD	0.12 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.34 U	0.27 J	0.54 JD	0.3 JD	< 0.47 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.34 U	0.27 J	0.65 JD	0.3 JD	< 0.47 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.34 U				
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.34 U				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.34 U				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		0.44				
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.34 U				
Carbazole	86-74-8	mg/kg	(1)		< 0.34 U				
Chrysene	218-01-9	mg/kg	(1)		< 0.34 U	0.46	1.1 D	0.61 JD	0.1 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.34 U	0.07 J	0.16 JD	< 1.8 UD	< 0.47 U
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.34 U				
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.34 U				
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.34 U				
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.34 U				
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.34 U				
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)		< 0.34 U				
Fluoranthene	206-44-0	mg/kg	(1)		< 0.34 U	0.81	1.7 D	1.2 JD	0.25 J
Fluorene	86-73-7	mg/kg	(1)		< 0.34 U	0.04 J	0.07 JD	0.07 JD	< 0.47 U
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.34 U				
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.34 U				
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 1.7 U				
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.34 U				
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.34 U	0.24 J	0.51 JD	0.3 JD	< 0.47 U
Isophorone	78-59-1	mg/kg	(1)		< 0.34 U				
Naphthalene	91-20-3	mg/kg	(1)		< 0.34 U	0.02 J	0.13 JD	< 1.8 UD	< 0.47 U
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.34 U				
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.34 U				
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.34 U				
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)		< 0.34 U	0.38	0.73 JD	0.69 JD	0.07 J
Phenol	108-95-2	mg/kg	(1)		< 0.34 U				
Pyrene	129-00-0	mg/kg	(1)		< 0.34 U	0.65	1.4 D	0.93 JD	0.16 J
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A F-B462ATP-1 12/17/2003 12 - 12.5 B462ATP-1B(12-12.5) SO	209, Building 462A F-B462-MW-1 11/2/2000 18 - 20 B462MW-1B(18-20) SO	209, Building 167 F-EX167-B-1 8/17/2004 2 - 2 EX167-B-1(2-2) SO	209, Building 167 F-EX167-SWW-1 8/17/2004 1 - 1 EX167-SWW-1(1-1) SO	209, Building 167 F-EX167-SWW-2 9/2/2004 1 - 1 EX167-SWW-2(1-1) SO	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 0 - 1 FAR-1SA(0-1) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.68 UD				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)		< 0.68 UD				
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.68 UD				
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.68 UD				
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.68 UD				
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.68 UD				
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.68 UD				
2-Butanone	78-93-3	mg/kg	(1)		< 14 UD				
2-Hexanone	591-78-6	mg/kg	(1)		< 6.8 UD				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 6.8 UD				
Acetone	67-64-1	mg/kg	(1)		< 14 (U)D				
Acetonitrile	75-05-8	mg/kg	(1)		< 27 R				
Benzene	71-43-2	mg/kg	(1)		< 0.68 UD				
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.68 UD				
Bromoform	75-25-2	mg/kg	(1)		< 0.68 UD				
Bromomethane	74-83-9	mg/kg	(1)		< 1.4 UD				
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.68 UJD				
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.68 UD				
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.68 UD				
Chloroethane	75-00-3	mg/kg	(1)		< 1.4 UD				
Chloroform	67-66-3	mg/kg	(1)		< 0.68 UD				
Chloromethane	74-87-3	mg/kg	(1)		< 1.4 UD				
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)		< 0.68 UD				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 0.68 UD				
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.68 UD				
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 1.4 UD				
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.68 UD				
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)		< 0.68 (U)D				
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)		< 0.68 UD				
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.68 UD				
Toluene	108-88-3	mg/kg	(1)		< 0.68 UD				
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)		< 0.68 UD				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 0.68 UD				
Trichloroethene	79-01-6	mg/kg	(1)		< 0.68 UD				
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.68 UD				
Vinyl chloride	75-01-4	mg/kg	(1)		< 1.4 UD				
Xylenes	1330-20-7	mg/kg	(1)		< 0.68 UD				
WetChem									
% Moisture	%Moist	%	(1)	12	10.1				
% Solids	%Solid	%	(1)		95.8	86.1	84.7	74.9	70.1

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 2 - 3 FAR-1SC(2-3) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 0 - 1 FAR-2SA(0-1) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 1 - 2 FAR-2SB(1-2) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 0 - 1 FAR-3SA(0-1) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 2 - 3 FAR-3SC(2-3) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 0 - 2 FB303SB-1A(0-2) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						< 0.42 U
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						< 0.42 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						< 0.42 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)						15300 J
Antimony	7440-36-0	mg/kg	(1)						< 1.3 UJ
Arsenic	7440-38-2	mg/kg	(1)	5.2	11.7	5.1	14.9	117	6.5 J
Barium	7440-39-3	mg/kg	(1)						58.5 J
Beryllium	7440-41-7	mg/kg	(1)						0.2 J
Cadmium	7440-43-9	mg/kg	(1)						< 0.25 U
Calcium	7440-70-2	mg/kg	(1)						3100 J
Chromium	7440-47-3	mg/kg	(1)						13.8 J
Cobalt	7440-48-4	mg/kg	(1)						3.9 J
Copper	7440-50-8	mg/kg	(1)						7.7 J
Iron	7439-89-6	mg/kg	(1)						18700 J
Lead	7439-92-1	mg/kg	(1)	26.9 J	4760 JD	955 J	48.5 J	1440 J	15.5 J
Magnesium	7439-95-4	mg/kg	(1)						1270 J
Manganese	7439-96-5	mg/kg	(1)						< 1.9 R
Mercury	7439-97-6	mg/kg	(1)						0.05 J
Nickel	7440-02-0	mg/kg	(1)						8.2 J
Potassium	7440-09-7	mg/kg	(1)						542 J
Selenium	7782-49-2	mg/kg	(1)						1.8 J
Silver	7440-22-4	mg/kg	(1)						< 0.64 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 2 - 3 FAR-1SC(2-3) SO (1)	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 0 - 1 FAR-2SA(0-1) SO (1)	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 1 - 2 FAR-2SB(1-2) SO (1)	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 0 - 1 FAR-3SA(0-1) SO (1)	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 2 - 3 FAR-3SC(2-3) SO (1)	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 0 - 2 FB303SB-1A(0-2) SO (1)
Metals (continued)									
Sodium	7440-23-5	mg/kg							80.9 J
Thallium	7440-28-0	mg/kg							< 1.3 U
Vanadium	7440-62-2	mg/kg							26.4 J
Zinc	7440-66-6	mg/kg							49.8 J
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							
Pesticides									
4,4'-DDD	72-54-8	mg/kg							
4,4'-DDE	72-55-9	mg/kg							
4,4'-DDT	50-29-3	mg/kg							
Aldrin	309-00-2	mg/kg							
alpha-BHC	319-84-6	mg/kg							
alpha-Chlordane	5103-71-9	mg/kg							
beta-BHC	319-85-7	mg/kg							
Chlordane	57-74-9	mg/kg							
Chlordane - TCLP	57-74-9TCLP	ug/L							
Dalapon	75-99-0	mg/kg							
delta-BHC	319-86-8	mg/kg							
Dicamba	1918-00-9	mg/kg							
Dichloroprop	120-36-5	mg/kg							
Dieldrin	60-57-1	mg/kg							
Endosulfan I	959-98-8	mg/kg							
Endosulfan II	33213-65-9	mg/kg							
Endosulfan sulfate	1031-07-8	mg/kg							
Endrin	72-20-8	mg/kg							
Endrin - TCLP	72-20-8TCLP	ug/L							
Endrin aldehyde	7421-93-4	mg/kg							
Endrin ketone	53494-70-5	mg/kg							
gamma-BHC (Lindane)	58-89-9	mg/kg							
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L							
gamma-Chlordane	5103-74-2	mg/kg							
Heptachlor	76-44-8	mg/kg							
Heptachlor - TCLP	76-44-8TCLP	ug/L							
Heptachlor epoxide	1024-57-3	mg/kg							
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L							
Methoxychlor	72-43-5	mg/kg							
Methoxychlor - TCLP	72-43-5TCLP	ug/L							
Toxaphene	8001-35-2	mg/kg							
Toxaphene - TCLP	8001-35-2TCLP	ug/L							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 2 - 3 FAR-1SC(2-3) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 0 - 1 FAR-2SA(0-1) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 1 - 2 FAR-2SB(1-2) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 0 - 1 FAR-3SA(0-1) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 2 - 3 FAR-3SC(2-3) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 0 - 2 FB303SB-1A(0-2) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						< 1.5 UD
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						< 0.42 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						< 0.42 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						< 0.42 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						< 0.42 U
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						< 0.42 U
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						< 0.42 U
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						< 0.42 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						< 0.42 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						< 2 U
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						< 0.42 U
2-Chlorophenol	95-57-8	mg/kg	(1)						< 0.42 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)						< 0.42 U
2-Methylphenol	95-48-7	mg/kg	(1)						< 0.42 U
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						< 2 U
2-Nitrophenol	88-75-5	mg/kg	(1)						< 0.42 U
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						< 2 U
3-Nitroaniline	99-09-2	mg/kg	(1)						< 2 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						< 2 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						< 0.42 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						< 0.42 U
4-Chloroaniline	106-47-8	mg/kg	(1)						< 0.42 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						< 0.42 U
4-Methylphenol	106-44-5	mg/kg	(1)						< 0.42 U#
4-Nitroaniline	100-01-6	mg/kg	(1)						< 2 U
4-Nitrophenol	100-02-7	mg/kg	(1)						< 2 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.42 U	0.12 J	< 0.39 U	< 0.37 U	< 0.37 U	< 0.42 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.42 U	0.07 J	< 0.39 U	< 0.37 U	< 0.37 U	< 0.42 U
Aniline	62-53-3	mg/kg	(1)						< 0.42 U
Anthracene	120-12-7	mg/kg	(1)	< 0.42 U	0.55	0.09 J	0.16 J	0.12 J	< 0.42 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.08 J	1.2	0.2 J	0.45	0.43	< 0.42 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 2 - 3 FAR-1SC(2-3) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 0 - 1 FAR-2SA(0-1) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 1 - 2 FAR-2SB(1-2) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 0 - 1 FAR-3SA(0-1) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 2 - 3 FAR-3SC(2-3) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 0 - 2 FB303SB-1A(0-2) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.07 J	1.3	0.2 J	0.47	0.48	< 0.42 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.18 J	1.8	0.29 J	0.77	0.78	< 0.42 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.42 U	0.98	0.13 J	0.32 J	0.41 J	< 0.42 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.09 J	0.83	0.1 J	0.25 J	0.28 J	< 0.42 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						< 0.42 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						< 0.42 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						< 0.42 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						0.17 J
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						< 0.42 U
Carbazole	86-74-8	mg/kg	(1)						< 0.42 U
Chrysene	218-01-9	mg/kg	(1)	0.17 J	1.3	0.21 J	0.57	0.59	< 0.42 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.42 U	0.24 J	< 0.39 U	0.07 J	0.14 J	< 0.42 U
Dibenzofuran	132-64-9	mg/kg	(1)						< 0.42 U
Diethylphthalate	84-66-2	mg/kg	(1)						< 0.42 U
Dimethylphthalate	131-11-3	mg/kg	(1)						< 0.42 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)						< 0.42 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)						< 0.42 U
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						< 0.42 U
Fluoranthene	206-44-0	mg/kg	(1)	0.61	3	0.6	1.3	1.1	< 0.42 U
Fluorene	86-73-7	mg/kg	(1)	< 0.42 U	0.23 J	< 0.39 U	0.05 J	0.05 J	< 0.42 U
Hexachlorobenzene	118-74-1	mg/kg	(1)						< 0.42 U
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						< 0.42 U
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						< 2 U
Hexachloroethane	67-72-1	mg/kg	(1)						< 0.42 U
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.42 U	0.91	0.12 J	0.31 J	0.39 J	< 0.42 U
Isophorone	78-59-1	mg/kg	(1)						< 0.42 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.42 U	0.09 J	< 0.39 U	< 0.37 U	0.04 J	< 0.42 U
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						< 0.42 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						< 0.42 U
Pentachlorophenol	87-86-5	mg/kg	(1)						< 0.42 U
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)	0.16 J	2.5	0.48	0.87	0.71	< 0.42 U
Phenol	108-95-2	mg/kg	(1)						< 0.42 U
Pyrene	129-00-0	mg/kg	(1)	0.37 J	2.2	0.37 J	0.81	0.76	< 0.42 U
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FAR-1S 9/15/2000 2 - 3 FAR-1SC(2-3) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 0 - 1 FAR-2SA(0-1) SO	209, Fmr Bldg 303 F-FAR-2S 9/15/2000 1 - 2 FAR-2SB(1-2) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 0 - 1 FAR-3SA(0-1) SO	209, Fmr Bldg 303 F-FAR-3S 9/15/2000 2 - 3 FAR-3SC(2-3) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 0 - 2 FB303SB-1A(0-2) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						< 1.5 UD
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						< 1.5 UD
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						< 1.5 UD
1,1-Dichloroethane	75-34-3	mg/kg	(1)						< 1.5 UD
1,1-Dichloroethene	75-35-4	mg/kg	(1)						< 1.5 UD
1,2-Dichloroethane	107-06-2	mg/kg	(1)						< 1.5 UD
1,2-Dichloropropane	78-87-5	mg/kg	(1)						< 1.5 UD
2-Butanone	78-93-3	mg/kg	(1)						< 30 UD
2-Hexanone	591-78-6	mg/kg	(1)						< 15 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						< 15 UD
Acetone	67-64-1	mg/kg	(1)						< 30 (U)D
Acetonitrile	75-05-8	mg/kg	(1)						< 60 R
Benzene	71-43-2	mg/kg	(1)						< 1.5 (U)D
Bromodichloromethane	75-27-4	mg/kg	(1)						< 1.5 UD
Bromoform	75-25-2	mg/kg	(1)						< 1.5 UJD
Bromomethane	74-83-9	mg/kg	(1)						< 3 UD
Carbon disulfide	75-15-0	mg/kg	(1)						< 1.5 UD
Carbon tetrachloride	56-23-5	mg/kg	(1)						< 1.5 UJD
Chlorobenzene	108-90-7	mg/kg	(1)						< 1.5 UD
Chloroethane	75-00-3	mg/kg	(1)						< 3 UD
Chloroform	67-66-3	mg/kg	(1)						< 1.5 UD
Chloromethane	74-87-3	mg/kg	(1)						< 3 UD
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						< 1.5 UD
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						< 1.5 UD
Dibromochloromethane	124-48-1	mg/kg	(1)						< 1.5 UD
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						< 3 UD
Ethyl benzene	100-41-4	mg/kg	(1)						< 1.5 UD
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						< 1.5 UD
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						< 1.5 UD
Tetrachloroethene	127-18-4	mg/kg	(1)						< 1.5 UD
Toluene	108-88-3	mg/kg	(1)						< 1.5 UD
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						< 1.5 UD
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						< 1.5 UD
Trichloroethene	79-01-6	mg/kg	(1)						< 1.5 UD
Trichlorofluoromethane	75-69-4	mg/kg	(1)						< 1.5 UD
Vinyl chloride	75-01-4	mg/kg	(1)						< 3 UD
Xylenes	1330-20-7	mg/kg	(1)						< 1.5 UD
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	78.1	79.1	84.4	90.1	89.1	78.7

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 4 - 6 FB303SB-1B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 10 - 12 FB303SB-1C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 0 - 2 FB303SB-2A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 4 - 6 FB303SB-2B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 10 - 12 FB303SB-2C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 0 - 2 FB303SB-3A(0-2) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Nitrobenzene	98-95-3	mg/kg	(2)						
Nitrocellulose	9004-70-0	mg/kg	(1)						
Nitroglycerin	55-63-0	mg/kg	(1)						
Nitroguanidine	556-88-7	mg/kg	(1)						
PETN	78-11-5	mg/kg	(1)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Herbicide									
2,4,5-T	93-76-5	mg/kg	(1)						
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)						
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)						
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)						
Isotope									
Radium-228	15262-20-1	pCi/g	(1)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)	13000 J	4350 J	16800 J	9560 J	5110 J	
Antimony	7440-36-0	mg/kg	(1)	< 1.2 UJ	< 1.1 U	< 1.3 UJ	< 1.1 U	< 1.1 UJ	
Arsenic	7440-38-2	mg/kg	(1)	5.5 J	2.3 J	4.8 J	5.1 J	3.3 J	6.2
Barium	7440-39-3	mg/kg	(1)	68.6 J	18.1 J	57 J	34.9 J	25.3 J	
Beryllium	7440-41-7	mg/kg	(1)	< 0.59 UJ	< 0.53 UJ	0.25 J	< 0.56 U	< 0.54 U	
Cadmium	7440-43-9	mg/kg	(1)	0.08 J	< 0.21 U	< 0.25 U	< 0.22 U	< 0.22 U	
Calcium	7440-70-2	mg/kg	(1)	29900 J	280 J	3240 J	1830 J	376 J	
Chromium	7440-47-3	mg/kg	(1)	19 J	6 J	18.3 J	23.8 J	7.3 J	
Cobalt	7440-48-4	mg/kg	(1)	6.3 J	6.4 J	5.3 J	8.1 J	7.7 J	
Copper	7440-50-8	mg/kg	(1)	14.5 J	17.7 J	12 J	16.3 J	30.1 J	
Iron	7439-89-6	mg/kg	(1)	19400 J	11400 J	20400 J	18800 J	12500 J	
Lead	7439-92-1	mg/kg	(1)	10.8 J	3.5 J	11.7 J	7.7 J	4.5 J	< 0.36 R
Magnesium	7439-95-4	mg/kg	(1)	2810 J	1460 J	1660 J	1630 J	1530 J	
Manganese	7439-96-5	mg/kg	(1)	< 1.8 R	< 1.6 R	< 1.9 R	< 1.7 R	250	
Mercury	7439-97-6	mg/kg	(1)	0.02 J	< 0.11 U	0.03 J	0.02 J	< 0.11 U	
Nickel	7440-02-0	mg/kg	(1)	12.1 J	8.5 J	10.7 J	12.7 J	9.9 J	
Potassium	7440-09-7	mg/kg	(1)	1390 J	490 J	653 J	473 J	641 J	
Selenium	7782-49-2	mg/kg	(1)	1.6 J	1 J	1.6 J	1.8 J	1 J	
Silver	7440-22-4	mg/kg	(1)	< 0.59 U	< 0.53 U	< 0.64 U	< 0.56 U	< 0.54 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 4 - 6 FB303SB-1B(4-6) SO (1)	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 10 - 12 FB303SB-1C(10-12) SO (1)	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 0 - 2 FB303SB-2A(0-2) SO (1)	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 4 - 6 FB303SB-2B(4-6) SO (1)	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 10 - 12 FB303SB-2C(10-12) SO (1)	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 0 - 2 FB303SB-3A(0-2) SO (1)
Metals (continued)									
Sodium	7440-23-5	mg/kg	(1)	243 J	60.1 J	89.8 J	69.2 J	60.2 J	
Thallium	7440-28-0	mg/kg	(1)	< 1.2 U	< 1.1 U	< 1.3 U	< 1.1 U	< 1.1 U	
Vanadium	7440-62-2	mg/kg	(1)	30.1 J	9.9 J	26.9 J	18.2 J	10.6 J	
Zinc	7440-66-6	mg/kg	(1)	50.8 J	20.1 J	70.6 J	36.8 J	23.2 J	
PCBs									
Aroclor 1016	12674-11-2	mg/kg	(1)						
Aroclor 1221	11104-28-2	mg/kg	(1)						
Aroclor 1232	11141-16-5	mg/kg	(1)						
Aroclor 1242	53469-21-9	mg/kg	(1)						
Aroclor 1248	12672-29-6	mg/kg	(1)						
Aroclor 1254	11097-69-1	mg/kg	(1)						
Aroclor 1260	11096-82-5	mg/kg	(1)						
Pesticides									
4,4'-DDD	72-54-8	mg/kg	(1)						
4,4'-DDE	72-55-9	mg/kg	(1)						
4,4'-DDT	50-29-3	mg/kg	(1)						
Aldrin	309-00-2	mg/kg	(1)						
alpha-BHC	319-84-6	mg/kg	(1)						
alpha-Chlordane	5103-71-9	mg/kg	(1)						
beta-BHC	319-85-7	mg/kg	(1)						
Chlordane	57-74-9	mg/kg	(1)						
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)						
Dalapon	75-99-0	mg/kg	(1)						
delta-BHC	319-86-8	mg/kg	(1)						
Dicamba	1918-00-9	mg/kg	(1)						
Dichloroprop	120-36-5	mg/kg	(1)						
Dieldrin	60-57-1	mg/kg	(1)						
Endosulfan I	959-98-8	mg/kg	(1)						
Endosulfan II	33213-65-9	mg/kg	(1)						
Endosulfan sulfate	1031-07-8	mg/kg	(1)						
Endrin	72-20-8	mg/kg	(1)						
Endrin - TCLP	72-20-8TCLP	ug/L	(1)						
Endrin aldehyde	7421-93-4	mg/kg	(1)						
Endrin ketone	53494-70-5	mg/kg	(1)						
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)						
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)						
gamma-Chlordane	5103-74-2	mg/kg	(1)						
Heptachlor	76-44-8	mg/kg	(1)						
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)						
Heptachlor epoxide	1024-57-3	mg/kg	(1)						
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)						
Methoxychlor	72-43-5	mg/kg	(1)						
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)						
Toxaphene	8001-35-2	mg/kg	(1)						
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 4 - 6 FB303SB-1B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 10 - 12 FB303SB-1C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 0 - 2 FB303SB-2A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 4 - 6 FB303SB-2B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 10 - 12 FB303SB-2C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 0 - 2 FB303SB-3A(0-2) SO
Radiological									
Americium-241	86954-36-1	pCi/g	(1)						
Cesium-137	10045-97-3	pCi/g	(1)						
Cobalt-60	10198-40-0	pCi/g	(1)						
Gross alpha	12587-46-1	pCi/g	(1)						
Gross beta	12587-47-2	pCi/g	(1)						
Radium-226	13982-63-3	pCi/g	(1)						
Total Uranium	7440-61-1 U	mg/kg	(1)						
Uranium-234	13966-29-5	pCi/g	(1)						
Uranium-235	15117-96-1	pCi/g	(1)						
Uranium-238	7440-61-1 U-238	pCi/g	(1)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)						
1-Methylnaphthalene	90-12-0	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	0.06 J	< 0.36 U	
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.39 U#	< 0.35 U#	< 0.42 U#	< 0.37 U#	< 0.36 U#	
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
Acenaphthene	83-32-9	mg/kg	(1)	< 0.39 U	< 0.35 U	0.08 J	0.21 J	< 0.36 U	
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Aniline	62-53-3	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Anthracene	120-12-7	mg/kg	(1)	< 0.39 U	< 0.35 U	0.27 J	0.74	< 0.36 U	
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.39 U	< 0.35 U	0.43	1.3	< 0.36 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 4 - 6 FB303SB-1B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 10 - 12 FB303SB-1C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 0 - 2 FB303SB-2A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 4 - 6 FB303SB-2B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 10 - 12 FB303SB-2C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 0 - 2 FB303SB-3A(0-2) SO
SVOC (continued)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.39 U	< 0.35 U	0.37 J	1.2	< 0.36 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.39 U	< 0.35 U	0.53	1.7	< 0.36 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.39 U	< 0.35 U	0.2 J	0.65	< 0.36 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.39 U	< 0.35 U	0.16 J	0.57	< 0.36 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	0.09 J	< 0.35 U	< 0.42 U	0.52	0.12 J	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Carbazole	86-74-8	mg/kg	(1)	< 0.39 U	< 0.35 U	0.14 J	0.35 J	< 0.36 U	
Chrysene	218-01-9	mg/kg	(1)	< 0.39 U	< 0.35 U	0.39 J	1.2	< 0.36 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.39 U	< 0.35 U	0.05 J	0.19 J	< 0.36 U	
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.39 U	< 0.35 U	0.07 J	0.15 J	< 0.36 U	
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Dinoseb	88-85-7	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Fluoranthene	206-44-0	mg/kg	(1)	< 0.39 U	< 0.35 U	1.3	3.3	< 0.36 U	
Fluorene	86-73-7	mg/kg	(1)	< 0.39 U	< 0.35 U	0.12 J	0.28 J	< 0.36 U	
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.9 U	< 1.7 U	< 2 U	< 1.8 U	< 1.7 U	
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.39 U	< 0.35 U	0.21 J	0.68	< 0.36 U	
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Naphthalene	91-20-3	mg/kg	(1)	< 0.39 U	< 0.35 U	0.05 J	0.08 J	< 0.36 U	
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)						
Phenanthrene	85-01-8	mg/kg	(1)	< 0.39 U	< 0.35 U	1.2	2.9	< 0.36 U	
Phenol	108-95-2	mg/kg	(1)	< 0.39 U	< 0.35 U	< 0.42 U	< 0.37 U	< 0.36 U	
Pyrene	129-00-0	mg/kg	(1)	< 0.39 U	< 0.35 U	0.86	2.5	< 0.36 U	
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)						
TCLP									
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)						
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)						
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)						
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)						
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)						
Benzene - TCLP	71-43-2TCLP	ug/L	(1)						
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)						
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 4 - 6 FB303SB-1B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-1 10/30/2000 10 - 12 FB303SB-1C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 0 - 2 FB303SB-2A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 4 - 6 FB303SB-2B(4-6) SO	209, Fmr Bldg 303 F-FB303-SB-2 10/30/2000 10 - 12 FB303SB-2C(10-12) SO	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 0 - 2 FB303SB-3A(0-2) SO
TCLP (continued)									
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)						
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)						
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)						
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
2-Butanone	78-93-3	mg/kg	(1)	< 15 UD	< 14 UD	< 15 U	< 14 U	< 15 UD	
2-Hexanone	591-78-6	mg/kg	(1)	< 7.5 UD	< 7.2 UD	< 7.7 U	< 7 U	< 7.6 UD	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 7.5 UD	< 7.2 UD	< 7.7 U	< 7 U	< 7.6 UD	
Acetone	67-64-1	mg/kg	(1)	< 15 (U)D	< 14 (U)D	< 15 (U)	< 14 (U)	< 15 (U)D	
Acetonitrile	75-05-8	mg/kg	(1)	< 30 R	< 29 R	< 31 R	< 28 R	< 30 R	
Benzene	71-43-2	mg/kg	(1)	< 0.75 (U)D	< 0.72 UD	< 0.77 (U)	< 0.7 (U)	< 0.76 (U)D	
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Bromoform	75-25-2	mg/kg	(1)	< 0.75 UJD	< 0.72 UD	< 0.77 UJ	< 0.7 UJ	< 0.76 UJD	
Bromomethane	74-83-9	mg/kg	(1)	< 1.5 UD	< 1.4 UD	< 1.5 U	< 1.4 U	< 1.5 UD	
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.75 UD	< 0.72 UJD	< 0.77 U	< 0.7 U	< 0.76 UD	
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.75 UJD	< 0.72 UD	< 0.77 UJ	< 0.7 UJ	< 0.76 UJD	
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Chloroethane	75-00-3	mg/kg	(1)	< 1.5 UD	< 1.4 UD	< 1.5 U	< 1.4 U	< 1.5 UD	
Chloroform	67-66-3	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Chloromethane	74-87-3	mg/kg	(1)	< 1.5 UD	< 1.4 UD	< 1.5 U	< 1.4 U	< 1.5 UD	
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.5 UD	< 1.4 UD	< 1.5 U	< 1.4 U	< 1.5 UD	
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
m+p-Xylenes	XYL-MP	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)	< 0.75 (U)D	< 0.72 (U)D	< 0.77 U	< 0.7 (U)	< 0.76 (U)D	
o-Xylene	95-47-6	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Toluene	108-88-3	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Trichloroethene	79-01-6	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.5 UD	< 1.4 UD	< 1.5 U	< 1.4 U	< 1.5 UD	
Xylenes	1330-20-7	mg/kg	(1)	< 0.75 UD	< 0.72 UD	< 0.77 U	< 0.7 U	< 0.76 UD	
WetChem									
% Moisture	%Moist	%	(1)						
% Solids	%Solid	%	(1)	85.4	94.6	78.7	89	92.2	83.5

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 5 - 7 FB303SB-3B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 0 - 2 FB303SB-4A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 5 - 7 FB303SB-4B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 0 - 2 FB303SB-5A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 5 - 7 FB303SB-5B(5-7) SO
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)					
2-Nitrotoluene	88-72-2	mg/kg	(1)					
3-Nitrotoluene	99-08-1	mg/kg	(1)					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)					
4-Nitrotoluene	99-99-0	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(2)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					
Herbicide								
2,4,5-T	93-76-5	mg/kg	(1)					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)					
Antimony	7440-36-0	mg/kg	(1)					
Arsenic	7440-38-2	mg/kg	(1)	4.6	12.1	5.3	13.3	20.4
Barium	7440-39-3	mg/kg	(1)					
Beryllium	7440-41-7	mg/kg	(1)					
Cadmium	7440-43-9	mg/kg	(1)					
Calcium	7440-70-2	mg/kg	(1)					
Chromium	7440-47-3	mg/kg	(1)					
Cobalt	7440-48-4	mg/kg	(1)					
Copper	7440-50-8	mg/kg	(1)					
Iron	7439-89-6	mg/kg	(1)					
Lead	7439-92-1	mg/kg	(1)	< 0.32 R	< 0.34 R	< 0.33 R	< 0.33 R	< 0.33 R
Magnesium	7439-95-4	mg/kg	(1)					
Manganese	7439-96-5	mg/kg	(1)					
Mercury	7439-97-6	mg/kg	(1)					
Nickel	7440-02-0	mg/kg	(1)					
Potassium	7440-09-7	mg/kg	(1)					
Selenium	7782-49-2	mg/kg	(1)					
Silver	7440-22-4	mg/kg	(1)					

Chemical Name	CAS No	Unit	Site Name	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303	209, Fmr Bldg 303
			Location ID	F-FB303-SB-3	F-FB303-SB-4	F-FB303-SB-4	F-FB303-SB-5	F-FB303-SB-5
			Sample Date	6/4/2001	6/4/2001	6/4/2001	6/4/2001	6/4/2001
			Depth Interval	5 - 7	0 - 2	5 - 7	0 - 2	5 - 7
			Sample ID	FB303SB-3B(5-7)	FB303SB-4A(0-2)	FB303SB-4B(5-7)	FB303SB-5A(0-2)	FB303SB-5B(5-7)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Metals (continued)								
Sodium	7440-23-5	mg/kg	(1)					
Thallium	7440-28-0	mg/kg	(1)					
Vanadium	7440-62-2	mg/kg	(1)					
Zinc	7440-66-6	mg/kg	(1)					
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
4,4'-DDD	72-54-8	mg/kg	(1)					
4,4'-DDE	72-55-9	mg/kg	(1)					
4,4'-DDT	50-29-3	mg/kg	(1)					
Aldrin	309-00-2	mg/kg	(1)					
alpha-BHC	319-84-6	mg/kg	(1)					
alpha-Chlordane	5103-71-9	mg/kg	(1)					
beta-BHC	319-85-7	mg/kg	(1)					
Chlordane	57-74-9	mg/kg	(1)					
Chlordane - TCLP	57-74-9TCLP	ug/L	(1)					
Dalapon	75-99-0	mg/kg	(1)					
delta-BHC	319-86-8	mg/kg	(1)					
Dicamba	1918-00-9	mg/kg	(1)					
Dichloroprop	120-36-5	mg/kg	(1)					
Dieldrin	60-57-1	mg/kg	(1)					
Endosulfan I	959-98-8	mg/kg	(1)					
Endosulfan II	33213-65-9	mg/kg	(1)					
Endosulfan sulfate	1031-07-8	mg/kg	(1)					
Endrin	72-20-8	mg/kg	(1)					
Endrin - TCLP	72-20-8TCLP	ug/L	(1)					
Endrin aldehyde	7421-93-4	mg/kg	(1)					
Endrin ketone	53494-70-5	mg/kg	(1)					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)					
gamma-BHC (Lindane) - TCLP	58-89-9TCLP	ug/L	(1)					
gamma-Chlordane	5103-74-2	mg/kg	(1)					
Heptachlor	76-44-8	mg/kg	(1)					
Heptachlor - TCLP	76-44-8TCLP	ug/L	(1)					
Heptachlor epoxide	1024-57-3	mg/kg	(1)					
Heptachlor epoxide - TCLP	1024-57-3TCLP	ug/L	(1)					
Methoxychlor	72-43-5	mg/kg	(1)					
Methoxychlor - TCLP	72-43-5TCLP	ug/L	(1)					
Toxaphene	8001-35-2	mg/kg	(1)					
Toxaphene - TCLP	8001-35-2TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 5 - 7 FB303SB-3B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 0 - 2 FB303SB-4A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 5 - 7 FB303SB-4B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 0 - 2 FB303SB-5A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 5 - 7 FB303SB-5B(5-7) SO
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross alpha	12587-46-1	pCi/g	(1)					
Gross beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					
1,4-Dichlorobenzene - TCLP	106-46-7TCLP	ug/L	(1)					
1-Methylnaphthalene	90-12-0	mg/kg	(1)					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					
2,4,5-Trichlorophenol - TCLP	95-95-4TCLP	ug/L	(1)					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					
2,4,6-Trichlorophenol - TCLP	88-06-2TCLP	ug/L	(1)					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					
2,4-Dinitrotoluene - TCLP	121-14-2TCLP	ug/L	(1)					
2-Chloronaphthalene	91-58-7	mg/kg	(1)					
2-Chlorophenol	95-57-8	mg/kg	(1)					
2-Methylnaphthalene	91-57-6	mg/kg	(1)					
2-Methylphenol	95-48-7	mg/kg	(1)					
2-Methylphenol - TCLP	95-48-7TCLP	ug/L	(1)					
2-Nitroaniline	88-74-4	mg/kg	(1)					
2-Nitrophenol	88-75-5	mg/kg	(1)					
3- and 4-Methylphenol - TCLP	106-44-5TCLP	ug/L	(1)					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					
3-Nitroaniline	99-09-2	mg/kg	(1)					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					
4-Chloroaniline	106-47-8	mg/kg	(1)					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					
4-Methylphenol	106-44-5	mg/kg	(1)					
4-Nitroaniline	100-01-6	mg/kg	(1)					
4-Nitrophenol	100-02-7	mg/kg	(1)					
Acenaphthene	83-32-9	mg/kg	(1)					
Acenaphthylene	208-96-8	mg/kg	(1)					
Aniline	62-53-3	mg/kg	(1)					
Anthracene	120-12-7	mg/kg	(1)					
Benz(a)anthracene	56-55-3	mg/kg	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Value / No	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 5 - 7 FB303SB-3B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 0 - 2 FB303SB-4A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 5 - 7 FB303SB-4B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 0 - 2 FB303SB-5A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 5 - 7 FB303SB-5B(5-7) SO
SVOC (continued)								
Benzo(a)pyrene	50-32-8	mg/kg	(1)					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					
Carbazole	86-74-8	mg/kg	(1)					
Chrysene	218-01-9	mg/kg	(1)					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					
Dibenzofuran	132-64-9	mg/kg	(1)					
Diethylphthalate	84-66-2	mg/kg	(1)					
Dimethylphthalate	131-11-3	mg/kg	(1)					
di-n-Butylphthalate	84-74-2	mg/kg	(1)					
di-n-Octylphthalate	117-84-0	mg/kg	(1)					
Dinoseb	88-85-7	mg/kg	(1)					
Diphenylamine	122-39-4	mg/kg	(1)					
Fluoranthene	206-44-0	mg/kg	(1)					
Fluorene	86-73-7	mg/kg	(1)					
Hexachlorobenzene	118-74-1	mg/kg	(1)					
Hexachlorobenzene - TCLP	118-74-1TCLP	ug/L	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					
Hexachlorobutadiene - TCLP	87-68-3TCLP	ug/L	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					
Hexachloroethane	67-72-1	mg/kg	(1)					
Hexachloroethane - TCLP	67-72-1TCLP	ug/L	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					
Isophorone	78-59-1	mg/kg	(1)					
Naphthalene	91-20-3	mg/kg	(1)					
Nitrobenzene - TCLP	98-95-3TCLP	ug/L	(1)					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					
Pentachlorophenol	87-86-5	mg/kg	(1)					
Pentachlorophenol - TCLP	87-86-5TCLP	ug/L	(1)					
Phenanthrene	85-01-8	mg/kg	(1)					
Phenol	108-95-2	mg/kg	(1)					
Pyrene	129-00-0	mg/kg	(1)					
Pyridine - TCLP	110-86-1TCLP	ug/L	(1)					
TCLP								
1,1-Dichloroethene - TCLP	75-35-4TCLP	ug/L	(1)					
1,2-Dichloroethane - TCLP	107-06-2TCLP	ug/L	(1)					
2,4,5-TP (Silvex) - TCLP	93-72-1TCLP	ug/L	(1)					
2,4-Dichlorophenoxyacetic acid - TCLP	94-75-7TCLP	ug/L	(1)					
2-Butanone - TCLP	78-93-3TCLP	ug/L	(1)					
Benzene - TCLP	71-43-2TCLP	ug/L	(1)					
Carbon tetrachloride - TCLP	56-23-5TCLP	ug/L	(1)					
Chlorobenzene - TCLP	108-90-7TCLP	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Fmr Bldg 303 F-FB303-SB-3 6/4/2001 5 - 7 FB303SB-3B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 0 - 2 FB303SB-4A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-4 6/4/2001 5 - 7 FB303SB-4B(5-7) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 0 - 2 FB303SB-5A(0-2) SO	209, Fmr Bldg 303 F-FB303-SB-5 6/4/2001 5 - 7 FB303SB-5B(5-7) SO
TCLP (continued)								
Chloroform - TCLP	67-66-3TCLP	ug/L	(1)					
Tetrachloroethene - TCLP	127-18-4TCLP	ug/L	(1)					
Trichloroethene - TCLP	79-01-6TCLP	ug/L	(1)					
Vinyl chloride - TCLP	75-01-4TCLP	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
m+p-Xylenes	XYL-MP	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Moisture	%Moist	%	(1)					
% Solids	%Solid	%	(1)	94.4	88	91.1	89.9	90

			Site Name	209, Building 462A	209, Building 462A	209, Building 462A	209, Building 462A
			Location ID	F-B462-SW-1	F-B462-SW-2	F-B462-SW-5	F-B462-SW-5
			Sample Date	9/6/2000	9/6/2000	4/25/2001	4/25/2001
			Depth Interval				
			Sample ID	B462SW-1(20000906)	B462SW-2(20000906)	B462SW-5(20010425)	B462SW-5DUP(20010425)
			Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.3 U	< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.2 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.2 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	< 1 U	< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	< 1 U	< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	< 1 U	< 0.2 U	< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 0.5 U
Nitrobenzene	98-95-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Nitrobenzene	98-95-3	ug/L	(2)	< 1 U	< 1 U	< 0.2 U	< 0.2 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 500 U	< 500 U	370 J	410 J
Nitroglycerin	55-63-0	ug/L	(1)	< 0.65 U	< 0.65 U	< 2.5 U	< 2.5 U
Nitroguanidine	556-88-7	ug/L	(1)	< 20 U	< 20 U	< 20 U	< 20 U
PETN	78-11-5	ug/L	(1)	< 1 U	< 1 U	< 2.5 U	< 2.5 U
RDX	121-82-4	ug/L	(1)	< 0.8 U	0.15 J	< 0.5 U	< 0.5 U
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1 U	< 0.2 U	< 0.2 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	3.3 J	< 0.2 U	< 10 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U	< 0.1 U	< 10 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 10 U	< 0.2 U	< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U	< 0.3 U	< 10 U	< 0.2 U
Metals							
Aluminum	7429-90-5	ug/L	(1)	410	8400	270	200
Antimony	7440-36-0	ug/L	(1)	< 10 U	3.1 J	< 10 U	< 10 U
Arsenic	7440-38-2	ug/L	(1)	41	6.4	< 3.9 U	< 3.9 U
Barium	7440-39-3	ug/L	(1)	140 J	140 J	16 J	18 J
Beryllium	7440-41-7	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U
Cadmium	7440-43-9	ug/L	(1)	0.59 J	1.2 J	< 2 U	< 2 U
Calcium	7440-70-2	ug/L	(1)	21100	10700	5700	6200
Chromium	7440-47-3	ug/L	(1)	< 10 U	17	< 10 U	< 10 U
Cobalt	7440-48-4	ug/L	(1)	2.1 J	12 J	< 50 U	< 50 U
Copper	7440-50-8	ug/L	(1)	13 J	100 J	< 9 U	< 9 U
Iron	7439-89-6	ug/L	(1)	22800	11300	470	420
Lead	7439-92-1	ug/L	(1)	19	390	8.3	8.3
Magnesium	7439-95-4	ug/L	(1)	2700 J	3700 J	2100 J	2300 J
Manganese	7439-96-5	ug/L	(1)	1700	740	88	84
Mercury	7439-97-6	ug/L	(1)	< 0.2 U	1.5	< 0.092 U	< 0.092 R
Nickel	7440-02-0	ug/L	(1)	6.5 J	57	< 40 U	< 40 U
Potassium	7440-09-7	ug/L	(1)	12300	1200 J	630 J	690 J
Selenium	7782-49-2	ug/L	(1)	< 5 U	5.5	< 5 U	< 5 U
Silver	7440-22-4	ug/L	(1)	< 4 U	< 4 U	< 4 U	< 4 U
Sodium	7440-23-5	ug/L	(1)	10700	11900	10400	11200
Thallium	7440-28-0	ug/L	(1)	< 1.7 U	< 1.7 U	< 1 U	< 1 U
Vanadium	7440-62-2	ug/L	(1)	14 J	130	2.4 J	2.4 J
Zinc	7440-66-6	ug/L	(1)	130	250	12 J	19 J
SVOC							
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	2.5 J	< 10 U	< 10 U
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#	< 10 U#	< 10 U#	< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Aniline	62-53-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Anthracene	120-12-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	209, Building 462A / F-B462-SW-1 / 9/6/2000 / B462SW-1(20000906) / WS	209, Building 462A / F-B462-SW-2 / 9/6/2000 / B462SW-2(20000906) / WS	209, Building 462A / F-B462-SW-5 / 4/25/2001 / B462SW-5(20010425) / WS	209, Building 462A / F-B462-SW-5 / 4/25/2001 / B462SW-5DUP(20010425) / WS
SVOC (continued)							
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Carbazole	86-74-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Chrysene	218-01-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	9.3 J	< 10 U	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	1.5 J	< 10 U	< 10 U
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Fluorene	86-73-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Isophorone	78-59-1	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Naphthalene	91-20-3	ug/L	(1)	< 10 U	1.4 J	< 10 U	< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	1.5 J	< 10 U	< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U
Phenol	108-95-2	ug/L	(1)	2.2 J	2.2 J	< 10 U	< 10 U
Pyrene	129-00-0	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	210, Building 321 G-210-EX1-B-1 11/11/2003 2.2 - 3 210EX1-B-1(2.2-3) SO	210, Building 321 G-210-EX1-SWN-1 11/11/2003 1.5 - 2 210EX1-SWN-1(1.5-2) SO	210, Building 321 G-210-EX1-SWW-1 11/11/2003 1.5 - 2 210EX1-SWW-1(1.5-2) SO	210, Building 321 G-B-321A 5/5/1998 0 - 5 B-321A(0-5) SO	210, Building 321 G-B-321B 5/5/1998 0 - 5 B-321B(0-5) SO	210, Building 321 G-B321-SB-1 11/1/2000 4 - 6 B321SB-1B(4-6) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)						< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)						< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)						< 0.25 U
HMX	2691-41-0	mg/kg	(1)						< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)						< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)						
RDX	121-82-4	mg/kg	(1)						< 0.25 U
Tetryl	479-45-8	mg/kg	(1)						< 0.25 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						< 0.25 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)						11900
Antimony	7440-36-0	mg/kg	(1)						0.8 J
Arsenic	7440-38-2	mg/kg	(1)						5.3
Barium	7440-39-3	mg/kg	(1)						35.2
Beryllium	7440-41-7	mg/kg	(1)						< 0.55 U
Cadmium	7440-43-9	mg/kg	(1)						0.38
Calcium	7440-70-2	mg/kg	(1)						786
Chromium	7440-47-3	mg/kg	(1)						20.8
Cobalt	7440-48-4	mg/kg	(1)						7.4
Copper	7440-50-8	mg/kg	(1)						14.4
Iron	7439-89-6	mg/kg	(1)						30500
Lead	7439-92-1	mg/kg	(1)						9
Magnesium	7439-95-4	mg/kg	(1)						2440
Manganese	7439-96-5	mg/kg	(1)						205 J
Mercury	7439-97-6	mg/kg	(1)				0.13	0.04	0.02 J
Nickel	7440-02-0	mg/kg	(1)						14.7
Potassium	7440-09-7	mg/kg	(1)						663
Selenium	7782-49-2	mg/kg	(1)						0.56
Silver	7440-22-4	mg/kg	(1)						< 0.55 U
Sodium	7440-23-5	mg/kg	(1)						< 548 U
Thallium	7440-28-0	mg/kg	(1)						< 1.1 U
Vanadium	7440-62-2	mg/kg	(1)						30.4
Zinc	7440-66-6	mg/kg	(1)	416	790	63.4			37
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						

			Site Name	210, Building 321	210, Building 321	210, Building 321	210, Building 321	210, Building 321	210, Building 321
			Location ID	G-210-EX1-B-1	G-210-EX1-SWN-1	G-210-EX1-SWW-1	G-B-321A	G-B-321B	G-B321-SB-1
			Sample Date	11/11/2003	11/11/2003	11/11/2003	5/5/1998	5/5/1998	11/1/2000
			Depth Interval	2.2 - 3	1.5 - 2	1.5 - 2	0 - 5	0 - 5	4 - 6
			Sample ID	210EX1-B-1(2.2-3)	210EX1-SWN-1(1.5-2)	210EX1-SWW-1(1.5-2)	B-321A(0-5)	B-321B(0-5)	B321SB-1B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
SVOC (continued)									
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	210, Building 321 G-210-EX1-B-1 11/11/2003 2.2 - 3 210EX1-B-1(2.2-3) SO	210, Building 321 G-210-EX1-SWN-1 11/11/2003 1.5 - 2 210EX1-SWN-1(1.5-2) SO	210, Building 321 G-210-EX1-SWW-1 11/11/2003 1.5 - 2 210EX1-SWW-1(1.5-2) SO	210, Building 321 G-B-321A 5/5/1998 0 - 5 B-321A(0-5) SO	210, Building 321 G-B-321B 5/5/1998 0 - 5 B-321B(0-5) SO	210, Building 321 G-B321-SB-1 11/1/2000 4 - 6 B321SB-1B(4-6) SO
SVOC (continued)									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
TPH									
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)				< 0.68 U	< 0.688 U	
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,1-Dichloroethane	75-34-3	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,1-Dichloroethene	75-35-4	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,2-Dichloroethane	107-06-2	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
1,2-Dichloropropane	78-87-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
2-Butanone	78-93-3	mg/kg	(1)				1.3 J	1.31 J	< 17 UD
2-Hexanone	591-78-6	mg/kg	(1)				< 6.798 U	< 6.882 U	< 8.4 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				< 6.798 U	< 6.882 U	< 8.4 UD
Acetone	67-64-1	mg/kg	(1)				6.53 JB	5.68 JB	< 17 (U)D
Acetonitrile	75-05-8	mg/kg	(1)						< 34 R
Benzene	71-43-2	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Bromodichloromethane	75-27-4	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Bromoform	75-25-2	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Bromomethane	74-83-9	mg/kg	(1)				< 0.68 U	< 0.688 U	< 1.7 UD
Carbon disulfide	75-15-0	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UJD
Carbon tetrachloride	56-23-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Chlorobenzene	108-90-7	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Chloroethane	75-00-3	mg/kg	(1)				< 0.68 U	< 0.688 U	< 1.7 UD
Chloroform	67-66-3	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Chloromethane	74-87-3	mg/kg	(1)				< 0.68 U	< 0.688 U	< 1.7 UD
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Dibromochloromethane	124-48-1	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				< 0.68 U	< 0.688 U	< 1.7 UD
Ethyl benzene	100-41-4	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Methylene chloride	75-09-2	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 (U)D
Styrene	100-42-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Tetrachloroethene	127-18-4	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Toluene	108-88-3	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Trichloroethene	79-01-6	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Trichlorofluoromethane	75-69-4	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
Vinyl chloride	75-01-4	mg/kg	(1)				< 0.68 U	< 0.688 U	< 1.7 UD
Xylenes	1330-20-7	mg/kg	(1)				< 0.68 U	< 0.688 U	< 0.84 UD
WetChem									
% Solids	%Solid	%	(1)	88.9	88.2	91.5			91.2

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	210, Building 321 G-B321-SB-1 11/1/2000 10 - 12 B321SB-1C(10-12) SO	210, Building 321 G-B321-SB-2 11/1/2000 4 - 6 B321SB-2B(4-6) SO	210, Building 321 G-B321-SB-2 11/1/2000 12 - 14 B321SB-2C(12-14) SO	210, Building 321 G-B321-SS-1 10/4/2000 0 - 1 B321SS-1A(0-1) SO	210, Building 321 G-B321-SS-2 10/4/2000 0 - 1 B321SS-2A(0-1) SO	210, Building 321 G-B321-SS-3 10/4/2000 0 - 1 B321SS-3A(0-1) SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
HMX	2691-41-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(2)						
RDX	121-82-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
Metals									
Aluminum	7429-90-5	mg/kg	(1)	6060	8750	4570			
Antimony	7440-36-0	mg/kg	(1)	< 1.1 UJ	< 1.1 UJ	< 1.1 UJ			
Arsenic	7440-38-2	mg/kg	(1)	4.3	4.6	3.1	8.5	4.7	5.8
Barium	7440-39-3	mg/kg	(1)	25.5	29	18.9 J			
Beryllium	7440-41-7	mg/kg	(1)	< 0.56 U	< 0.54 U	0.05 J			
Cadmium	7440-43-9	mg/kg	(1)	0.25	0.21 J	0.13 J			
Calcium	7440-70-2	mg/kg	(1)	416 J	656	1110			
Chromium	7440-47-3	mg/kg	(1)	9	9.9	7.9			
Cobalt	7440-48-4	mg/kg	(1)	21.1	9.3	9.5			
Copper	7440-50-8	mg/kg	(1)	17.5	26.3	17.5			
Iron	7439-89-6	mg/kg	(1)	20600	17400	12400			
Lead	7439-92-1	mg/kg	(1)	7.3	6.8	3.2			
Magnesium	7439-95-4	mg/kg	(1)	1880	2180	1730			
Manganese	7439-96-5	mg/kg	(1)	866 J	438 J	339 J			
Mercury	7439-97-6	mg/kg	(1)	< 0.11 U	0.01 J	< 0.11 U			
Nickel	7440-02-0	mg/kg	(1)	11.2	15.2	8			
Potassium	7440-09-7	mg/kg	(1)	533 J	677	455 J			
Selenium	7782-49-2	mg/kg	(1)	< 0.56 U	< 0.54 U	< 0.54 U			
Silver	7440-22-4	mg/kg	(1)	< 0.56 U	< 0.54 U	< 0.54 U			
Sodium	7440-23-5	mg/kg	(1)	< 557 U	< 542 U	< 542 U			
Thallium	7440-28-0	mg/kg	(1)	< 1.1 U	< 1.1 U	< 1.1 U			
Vanadium	7440-62-2	mg/kg	(1)	13.5	14.4	9.8			
Zinc	7440-66-6	mg/kg	(1)	33.9	36.2	26.5	907 J	235 J	553 J
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	210, Building 321 G-B321-SB-1 11/1/2000 10 - 12 B321SB-1C(10-12) SO	210, Building 321 G-B321-SB-2 11/1/2000 4 - 6 B321SB-2B(4-6) SO	210, Building 321 G-B321-SB-2 11/1/2000 12 - 14 B321SB-2C(12-14) SO	210, Building 321 G-B321-SS-1 10/4/2000 0 - 1 B321SS-1A(0-1) SO	210, Building 321 G-B321-SS-2 10/4/2000 0 - 1 B321SS-2A(0-1) SO	210, Building 321 G-B321-SS-3 10/4/2000 0 - 1 B321SS-3A(0-1) SO
SVOC (continued)									
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						
Hexachlorobenzene	118-74-1	mg/kg	(1)						
Hexachlorobutadiene	87-68-3	mg/kg	(1)						
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						
Hexachloroethane	67-72-1	mg/kg	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	210, Building 321 G-B321-SB-1 11/1/2000 10 - 12 B321SB-1C(10-12) SO	210, Building 321 G-B321-SB-2 11/1/2000 4 - 6 B321SB-2B(4-6) SO	210, Building 321 G-B321-SB-2 11/1/2000 12 - 14 B321SB-2C(12-14) SO	210, Building 321 G-B321-SS-1 10/4/2000 0 - 1 B321SS-1A(0-1) SO	210, Building 321 G-B321-SS-2 10/4/2000 0 - 1 B321SS-2A(0-1) SO	210, Building 321 G-B321-SS-3 10/4/2000 0 - 1 B321SS-3A(0-1) SO
SVOC (continued)									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						
Isophorone	78-59-1	mg/kg	(1)						
Naphthalene	91-20-3	mg/kg	(1)						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						
Pentachlorophenol	87-86-5	mg/kg	(1)						
Phenanthrene	85-01-8	mg/kg	(1)						
Phenol	108-95-2	mg/kg	(1)						
Pyrene	129-00-0	mg/kg	(1)						
TPH									
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
2-Butanone	78-93-3	mg/kg	(1)	< 15 UD	< 13 U	< 13 U			
2-Hexanone	591-78-6	mg/kg	(1)	< 7.3 UD	< 6.3 U	< 6.7 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 7.3 UD	< 6.3 U	< 6.7 U			
Acetone	67-64-1	mg/kg	(1)	< 15 (U)D	< 13 (U)	< 13 (U)			
Acetonitrile	75-05-8	mg/kg	(1)	< 29 R	< 25 R	< 27 R			
Benzene	71-43-2	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Bromoform	75-25-2	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Bromomethane	74-83-9	mg/kg	(1)	< 1.5 UD	< 1.3 U	< 1.3 U			
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.73 UJD	< 0.63 UJ	< 0.67 UJ			
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Chloroethane	75-00-3	mg/kg	(1)	< 1.5 UD	< 1.3 U	< 1.3 U			
Chloroform	67-66-3	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Chloromethane	74-87-3	mg/kg	(1)	< 1.5 UD	< 1.3 U	< 1.3 U			
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.5 UD	< 1.3 U	< 1.3 U			
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Methylene chloride	75-09-2	mg/kg	(1)	< 0.73 (U)D	< 0.63 (U)	< 0.67 (U)			
Styrene	100-42-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Toluene	108-88-3	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Trichloroethene	79-01-6	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.5 UD	< 1.3 U	< 1.3 U			
Xylenes	1330-20-7	mg/kg	(1)	< 0.73 UD	< 0.63 U	< 0.67 U			
WetChem									
% Solids	%Solid	%	(1)	89.7	92.2	92.2	84.7	88.7	87.6

			Site Name	210, Building 321	210, Building 321	210, Building 321	210, Building 321
			Location ID	G-B321-SS-4	G-B321-SS-5	G-PICA-321-1	G-PICA-321-2
			Sample Date	10/4/2000	10/4/2000	10/4/2000	10/4/2000
			Depth Interval	1 - 2	0 - 1	0 - 1	0 - 1
			Sample ID	B321SS-4B(1-2)	B321SS-5A(0-1)	PICA-321-1S(0-1)	PICA-321-2S(0-1)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.25 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.25 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		0.31		
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		< 0.25 U		
2-Nitrotoluene	88-72-2	mg/kg	(1)		< 0.25 U		
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.25 U		
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		< 0.25 U		
4-Nitrotoluene	99-99-0	mg/kg	(1)		< 0.25 U		
HMX	2691-41-0	mg/kg	(1)		< 0.25 U		
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.25 U		
Nitrobenzene	98-95-3	mg/kg	(2)		< 0.4 U		
RDX	121-82-4	mg/kg	(1)		< 0.25 U		
Tetryl	479-45-8	mg/kg	(1)		< 0.25 U		
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.25 U		
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		< 0.4 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.4 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 0.25 U		
Metals							
Aluminum	7429-90-5	mg/kg	(1)		9150		
Antimony	7440-36-0	mg/kg	(1)		1.1 J		
Arsenic	7440-38-2	mg/kg	(1)	8.4	20.3	7.5	6.6
Barium	7440-39-3	mg/kg	(1)		76.5		
Beryllium	7440-41-7	mg/kg	(1)		< 0.6 U		
Cadmium	7440-43-9	mg/kg	(1)		2.9		
Calcium	7440-70-2	mg/kg	(1)		1690		
Chromium	7440-47-3	mg/kg	(1)		22.1		
Cobalt	7440-48-4	mg/kg	(1)		7.1		
Copper	7440-50-8	mg/kg	(1)		173		
Iron	7439-89-6	mg/kg	(1)		21700		
Lead	7439-92-1	mg/kg	(1)		300		
Magnesium	7439-95-4	mg/kg	(1)		2030		
Manganese	7439-96-5	mg/kg	(1)		316		
Mercury	7439-97-6	mg/kg	(1)		2.3 D		
Nickel	7440-02-0	mg/kg	(1)		17.4		
Potassium	7440-09-7	mg/kg	(1)		379 J		
Selenium	7782-49-2	mg/kg	(1)		1.2		
Silver	7440-22-4	mg/kg	(1)		0.52 J		
Sodium	7440-23-5	mg/kg	(1)		< 602 U		
Thallium	7440-28-0	mg/kg	(1)		< 1.2 U		
Vanadium	7440-62-2	mg/kg	(1)		24		
Zinc	7440-66-6	mg/kg	(1)	509 J	639 J	1800 JD	1920 JD
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.4 U		
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.4 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.4 U		
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.4 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.4 U		

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	210, Building 321 G-B321-SS-4 10/4/2000 1 - 2 B321SS-4B(1-2) SO	210, Building 321 G-B321-SS-5 10/4/2000 0 - 1 B321SS-5A(0-1) SO	210, Building 321 G-PICA-321-1 10/4/2000 0 - 1 PICA-321-1S(0-1) SO	210, Building 321 G-PICA-321-2 10/4/2000 0 - 1 PICA-321-2S(0-1) SO
SVOC (continued)							
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.4 U		
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.4 U		
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.4 U		
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.9 UJ		
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.4 U		
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.4 U		
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.4 U		
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.4 U		
2-Nitroaniline	88-74-4	mg/kg	(1)		< 1.9 U		
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.4 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.9 U		
3-Nitroaniline	99-09-2	mg/kg	(1)		< 1.9 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 1.9 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.4 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.4 U		
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.4 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.4 U		
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.4 U#		
4-Nitroaniline	100-01-6	mg/kg	(1)		< 1.9 U		
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.9 U		
Acenaphthene	83-32-9	mg/kg	(1)		< 0.4 U		
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.4 U		
Aniline	62-53-3	mg/kg	(1)		< 0.4 U		
Anthracene	120-12-7	mg/kg	(1)		0.09 J		
Benz(a)anthracene	56-55-3	mg/kg	(1)		0.43		
Benzo(a)pyrene	50-32-8	mg/kg	(1)		0.45		
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		0.64		
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		0.24 J		
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		0.33 J		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.4 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.4 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.4 U		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.4 U		
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.4 U		
Carbazole	86-74-8	mg/kg	(1)		< 0.4 U		
Chrysene	218-01-9	mg/kg	(1)		0.48		
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		0.08 J		
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.4 U		
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.4 U		
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.4 U		
di-n-Butylphthalate	84-74-2	mg/kg	(1)		1.7		
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.4 U		
Diphenylamine	122-39-4	mg/kg	(1)		< 0.4 U		
Fluoranthene	206-44-0	mg/kg	(1)		0.98		
Fluorene	86-73-7	mg/kg	(1)		< 0.4 U		
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.4 U		
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.4 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 1.9 U		
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.4 U		

			Site Name	210, Building 321	210, Building 321	210, Building 321	210, Building 321
			Location ID	G-B321-SS-4	G-B321-SS-5	G-PICA-321-1	G-PICA-321-2
			Sample Date	10/4/2000	10/4/2000	10/4/2000	10/4/2000
			Depth Interval	1 - 2	0 - 1	0 - 1	0 - 1
			Sample ID	B321SS-4B(1-2)	B321SS-5A(0-1)	PICA-321-1S(0-1)	PICA-321-2S(0-1)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (continued)							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		0.28 J		
Isophorone	78-59-1	mg/kg	(1)		< 0.4 U		
Naphthalene	91-20-3	mg/kg	(1)		< 0.4 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.4 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.4 U		
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.4 U		
Phenanthrene	85-01-8	mg/kg	(1)		0.51		
Phenol	108-95-2	mg/kg	(1)		< 0.4 U		
Pyrene	129-00-0	mg/kg	(1)		0.87		
TPH							
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				
1,1-Dichloroethane	75-34-3	mg/kg	(1)				
1,1-Dichloroethene	75-35-4	mg/kg	(1)				
1,2-Dichloroethane	107-06-2	mg/kg	(1)				
1,2-Dichloropropane	78-87-5	mg/kg	(1)				
2-Butanone	78-93-3	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				
Acetone	67-64-1	mg/kg	(1)				
Acetonitrile	75-05-8	mg/kg	(1)				
Benzene	71-43-2	mg/kg	(1)				
Bromodichloromethane	75-27-4	mg/kg	(1)				
Bromoform	75-25-2	mg/kg	(1)				
Bromomethane	74-83-9	mg/kg	(1)				
Carbon disulfide	75-15-0	mg/kg	(1)				
Carbon tetrachloride	56-23-5	mg/kg	(1)				
Chlorobenzene	108-90-7	mg/kg	(1)				
Chloroethane	75-00-3	mg/kg	(1)				
Chloroform	67-66-3	mg/kg	(1)				
Chloromethane	74-87-3	mg/kg	(1)				
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				
Dibromochloromethane	124-48-1	mg/kg	(1)				
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				
Ethyl benzene	100-41-4	mg/kg	(1)				
Methylene chloride	75-09-2	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)				
Tetrachloroethene	127-18-4	mg/kg	(1)				
Toluene	108-88-3	mg/kg	(1)				
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				
Trichloroethene	79-01-6	mg/kg	(1)				
Trichlorofluoromethane	75-69-4	mg/kg	(1)				
Vinyl chloride	75-01-4	mg/kg	(1)				
Xylenes	1330-20-7	mg/kg	(1)				
WetChem							
% Solids	%Solid	%	(1)	90.3	83	89.6	89.8

Historic Analytical Results for Sediment Samples at PICA 071/Site 29

		Site Name	29
		Location ID	D-B-SB-SD-30
		Sample Date	3/11/1999
		Depth Interval	0 - 1
		Sample ID	BSBSD-30(0-1)
		Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	
Metals			
Aluminum	7429-90-5	mg/kg	6960 J
Antimony	7440-36-0	mg/kg	1.17 J
Arsenic	7440-38-2	mg/kg	7.07
Barium	7440-39-3	mg/kg	55.6
Beryllium	7440-41-7	mg/kg	0.24 J
Boron	7440-42-8	mg/kg	< 32.2 U
Cadmium	7440-43-9	mg/kg	14.1 J
Calcium	7440-70-2	mg/kg	1910
Chromium	7440-47-3	mg/kg	98.7 J
Cobalt	7440-48-4	mg/kg	10.9
Copper	7440-50-8	mg/kg	129 J
Iron	7439-89-6	mg/kg	15400 J
Lead	7439-92-1	mg/kg	132 J
Magnesium	7439-95-4	mg/kg	1930
Manganese	7439-96-5	mg/kg	227 J
Mercury	7439-97-6	mg/kg	0.85 J
Nickel	7440-02-0	mg/kg	17.2
Potassium	7440-09-7	mg/kg	505 J
Selenium	7782-49-2	mg/kg	< 0.804 U
Silver	7440-22-4	mg/kg	0.7 J
Sodium	7440-23-5	mg/kg	43.2 J
Thallium	7440-28-0	mg/kg	< 1.61 U
Titanium	7440-32-6	mg/kg	217 J
Vanadium	7440-62-2	mg/kg	21.9 J
Zinc	7440-66-6	mg/kg	174 J
PCBs			
Aroclor 1016	12674-11-2	mg/kg	< 0.0531 U
Aroclor 1221	11104-28-2	mg/kg	< 0.0531 U
Aroclor 1232	11141-16-5	mg/kg	< 0.0531 U
Aroclor 1242	53469-21-9	mg/kg	< 0.0531 U
Aroclor 1248	12672-29-6	mg/kg	< 0.0531 U
Aroclor 1254	11097-69-1	mg/kg	0.09
Aroclor 1260	11096-82-5	mg/kg	< 0.0531 U
Pesticides			
4,4'-DDD	72-54-8	mg/kg	0.96 NJ
4,4'-DDE	72-55-9	mg/kg	0.4 NJ
4,4'-DDT	50-29-3	mg/kg	< 0.137 UD
Aldrin	309-00-2	mg/kg	< 0.273 U
alpha-BHC	319-84-6	mg/kg	< 0.273 U
alpha-Chlordane	5103-71-9	mg/kg	< 0.273 U
beta-BHC	319-85-7	mg/kg	< 0.273 U
delta-BHC	319-86-8	mg/kg	< 0.273 U
Diazinon	333-41-5	mg/kg	< 5.31 UD
Dieldrin	60-57-1	mg/kg	< 0.273 U
Endosulfan I	959-98-8	mg/kg	< 0.273 U
Endosulfan II	33213-65-9	mg/kg	< 0.273 UJ
Endosulfan sulfate	1031-07-8	mg/kg	< 0.273 U
Endrin	72-20-8	mg/kg	< 0.273 U
Endrin aldehyde	7421-93-4	mg/kg	< 0.273 U
Endrin ketone	53494-70-5	mg/kg	< 0.273 U

		Site Name	29
		Location ID	D-B-SB-SD-30
		Sample Date	3/11/1999
		Depth Interval	0 - 1
		Sample ID	BSBSD-30(0-1)
		Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	
Pesticides (continued)			
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.273 U
gamma-Chlordane	5103-74-2	mg/kg	< 0.273 U
Heptachlor	76-44-8	mg/kg	< 0.273 UNJ
Heptachlor epoxide	1024-57-3	mg/kg	0.09 NJ
Malathion	121-75-5	mg/kg	< 5.31 UD
Methoxychlor	72-43-5	mg/kg	< 0.531 UJ
Toxaphene	8001-35-2	mg/kg	< 0.108 U
SVOC			
Acenaphthene	83-32-9	mg/kg	0.08 J
Acenaphthylene	208-96-8	mg/kg	< 0.531 U
Anthracene	120-12-7	mg/kg	0.12 J
Benz(a)anthracene	56-55-3	mg/kg	0.48 J
Benzo(a)pyrene	50-32-8	mg/kg	0.4 J
Benzo(b)fluoranthene	205-99-2	mg/kg	0.56
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.2 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.19 J
Chrysene	218-01-9	mg/kg	0.51 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.531 U
Fluoranthene	206-44-0	mg/kg	1.19
Fluorene	86-73-7	mg/kg	0.06 J
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.24 J
Naphthalene	91-20-3	mg/kg	< 0.531 U
Phenanthrene	85-01-8	mg/kg	0.56
Pyrene	129-00-0	mg/kg	0.8
WetChem			
% Solids	%Solid	%	62.2
Cyanide	57-12-5	mg/kg	< 0.804 U

Chemical Name	CAS No	Unit	Site Name	29	29	29	29	29	29
			Location ID	D-29-SS-001	D-29-SS-002	D-29-SS-003	D-29-SS-004	D-29-SS-005	D-29-SS-006
			Sample Date	4/8/1988	4/8/1988	4/8/1988	4/8/1988	4/8/1988	4/8/1988
			Depth Interval	.5	.5	.5	.5	.5	.5
			Sample ID	SS29-1(0.5)	SS29-2(0.5)	SS29-3(0.5)	SS29-4(0.5)	SS29-5(0.5)	SS29-6(0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Explosives									
1,4-Dinitrobenzene	100-25-4	ug/g	(1)						
Nitrobenzene	98-95-3	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
2,6-Dinitrotoluene	606-20-2	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
Metals									
Antimony	7440-36-0	ug/g	(1)	< 3.1	< 3.1	< 3.1		< 3.1	< 3.1
Arsenic	7440-38-2	ug/g	(1)	13	11	9.5	8.49	8.73	8.5
Barium	7440-39-3	ug/g	(1)	67.1	58.1	96.8	100 >	62.5	64.3
Beryllium	7440-41-7	ug/g	(1)	2.89	0.993	0.688	0.579	0.691	0.791
Cadmium	7440-43-9	ug/g	(1)	5.7	6.4	14	0.5 >	13	7.2
Chromium	7440-47-3	ug/g	(1)	130	22	66	130	140	950
Copper	7440-50-8	ug/g	(1)	50 >	270	50 >	50 >	50 >	50 >
Lead	7439-92-1	ug/g	(1)	47	12	150		380	270
Mercury	7439-97-6	ug/g	(1)	< 0.13	< 0.13	0.236		0.214	< 0.13
Nickel	7440-02-0	ug/g	(1)	18.5	13.5	20 >		22.5	20 >
Selenium	7782-49-2	ug/g	(1)	< 2.6	< 2.6	< 2.6		< 2.6	< 2.6
Silver	7440-22-4	ug/g	(1)	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Thallium	7440-28-0	ug/g	(1)	< 1.8	< 1.8	< 1.8		< 1.8	< 1.8
Zinc	7440-66-6	ug/g	(1)	73.8	59.5	362		207	265
Other									
DBABA - Unknown analyte, 1988 Dames & Moore SI	DBABA	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/g	(1)	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
1,2,4-Trichlorobenzene	120-82-1	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
1,2-Dichlorobenzene	95-50-1	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
1,2-Dichlorobenzene	95-50-1	ug/g	(2)	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
1,3-Dichlorobenzene	541-73-1	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.005	< 0.005
1,3-Dichlorobenzene	541-73-1	ug/g	(2)	< 0.005	< 0.005	< 0.005		< 0.3	< 0.3
1,4-Dichlorobenzene	106-46-7	ug/g	(1)	< 0.3	< 0.3	< 0.005		< 0.3	< 0.3
1,4-Dichlorobenzene	106-46-7	ug/g	(2)	< 0.005	< 0.005	< 0.3		< 0.005	< 0.005
2,4,6-Trichlorophenol	88-06-2	ug/g	(1)	< 30	< 0.3	< 0.3		< 0.3	< 0.3
2,4-Dichlorophenol	120-83-2	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
2,4-Dinitrophenol	51-28-5	ug/g	(1)	< 2	< 2	< 2		< 2	< 2
2-Chloronaphthalene	91-58-7	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
2-Chlorophenol	95-57-8	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
2-Nitrophenol	88-75-5	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
3,3'-Dichlorobenzidine	91-94-1	ug/g	(1)	< 0.7	< 0.7	< 0.7		< 0.7	< 0.7
4,6-dinitro-2-Methylphenol	534-52-1	ug/g	(1)	< 2	< 2	< 2		< 2	< 2
4-Bromophenyl phenyl ether	101-55-3	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
4-Chloro-3-methylphenol	59-50-7	ug/g	(1)	< 0.3	0.3	< 0.3		< 0.3	< 0.3
4-Chlorophenyl phenyl ether	7005-72-3	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
4-Nitrophenol	100-02-7	ug/g	(1)	< 2	< 2	< 2		< 2	< 2
Acenaphthene	83-32-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.02
Acenaphthylene	208-96-8	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	29 D-29-SS-001 4/8/1988 .5 SS29-1(0.5) SO	29 D-29-SS-002 4/8/1988 .5 SS29-2(0.5) SO	29 D-29-SS-003 4/8/1988 .5 SS29-3(0.5) SO	29 D-29-SS-004 4/8/1988 .5 SS29-4(0.5) SO	29 D-29-SS-005 4/8/1988 .5 SS29-5(0.5) SO	29 D-29-SS-006 4/8/1988 .5 SS29-6(0.5) SO
SVOC (continued)									
Anthracene	120-12-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Anthracene	120-12-7	ug/g	(2)						< 0.04
Anthracene	120-12-7	ug/g	(3)						< 0.3
Benz(a)anthracene	56-55-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
Benzo(a)pyrene	50-32-8	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
Benzo(b)fluoranthene	205-99-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.2
Benzo(b)fluoranthene	205-99-2	ug/g	(2)						
Benzo(b)fluoranthene	205-99-2	ug/g	(3)						
Benzo(g,h,i)perylene	191-24-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(k)fluoranthene	207-08-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Chloroethoxy)methane	111-91-1	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Chloroethyl)ether	111-44-4	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Chloroisopropyl)ether	39638-32-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Ethylhexyl)phthalate	117-81-7	ug/g	(1)	3	4	5	2	1	0.6
Butylbenzyl phthalate	85-68-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.02
Chrysene	218-01-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.1
Diethylphthalate	84-66-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Diethylphthalate	84-66-2	ug/g	(2)				< 0.05	< 0.3	< 0.05
Diethylphthalate	84-66-2	ug/g	(3)				< 0.3	< 0.05	< 0.3
Dimethylphthalate	131-11-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
di-n-Butylphthalate	84-74-2	ug/g	(1)	0.6	< 0.3	0.6	0.6	0.7	0.7
di-n-Octylphthalate	117-84-0	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.04	< 0.3	< 0.02
di-n-Octylphthalate	117-84-0	ug/g	(2)				< 0.3		
di-n-Octylphthalate	117-84-0	ug/g	(3)				< 0.3		
Fluoranthene	206-44-0	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	0.3
Fluoranthene	206-44-0	ug/g	(2)						
Fluoranthene	206-44-0	ug/g	(3)						
Hexachlorobenzene	118-74-1	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Hexachlorobutadiene	87-68-3	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/g	(1)	0.3	0.3	< 0.3		< 0.3	< 0.2
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/g	(2)						
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/g	(3)						
Isophorone	78-59-1	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
Naphthalene	91-20-3	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
n-Nitroso-di-n-propylamine	621-64-7	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
Pentachlorophenol	87-86-5	ug/g	(1)	< 2	< 2	< 2		< 2	< 2
Phenanthrene	85-01-8	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.02	0.3
Phenanthrene	85-01-8	ug/g	(2)						
Phenanthrene	85-01-8	ug/g	(3)						
Phenol	108-95-2	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3
Phenolics	64743-03-9	ug/g	(1)	< 0.29	< 0.29	< 0.29		< 0.29	< 0.29
Pyrene	129-00-0	ug/g	(1)	< 0.3	< 0.3	< 0.3		< 0.3	0.3
Pyrene	129-00-0	ug/g	(2)						
Pyrene	129-00-0	ug/g	(3)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	29 / D-29-SS-001 / 4/8/1988 / .5 / SS29-1(0.5) / SO / (1)	29 / D-29-SS-002 / 4/8/1988 / .5 / SS29-2(0.5) / SO / (1)	29 / D-29-SS-003 / 4/8/1988 / .5 / SS29-3(0.5) / SO / (1)	29 / D-29-SS-004 / 4/8/1988 / .5 / SS29-4(0.5) / SO / (1)	29 / D-29-SS-005 / 4/8/1988 / .5 / SS29-5(0.5) / SO / (1)	29 / D-29-SS-006 / 4/8/1988 / .5 / SS29-6(0.5) / SO / (1)
TPH									
Oil & grease	OILGREASE	ug/g		9409.9999	24300	28799.9998		32299.9998	1930
VOC									
1,1,1-Trichloroethane	71-55-6	ug/g		< 0.018	< 0.018	< 0.018		< 0.018	< 0.018
1,1,2-Trichloroethane	79-00-5	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
1,1-Dichloroethane	75-34-3	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
1,1-Dichloroethene	75-35-4	ug/g		< 0.005	< 50	< 0.005		< 0.005	< 0.005
1,2-Dichloroethane	107-06-2	ug/g		< 0.005	< 50	< 0.005		< 0.005	< 0.005
1,2-Dichloropropane	78-87-5	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
2-Chloroethyl vinyl ether	110-75-8	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
Benzene	71-43-2	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	75-27-4	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	75-25-2	ug/g		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	ug/g		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	56-23-5	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	108-90-7	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	75-00-3	ug/g		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	74-87-3	ug/g		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dibromochloromethane	124-48-1	ug/g		< 0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethyl benzene	100-41-4	ug/g		< 0.02	< 0.02	< 0.02		< 0.02	0.02
Methylene chloride	75-09-2	ug/g		0.0561	0.0343	0.0452	0.0464	0.0438	0.0337
m-Xylenes	108-38-3	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
o-Xylene	95-47-6	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
Tetrachloroethene	127-18-4	ug/g		< 0.0015	< 0.0015	< 0.0015		< 0.0015	< 0.0015
Toluene	108-88-3	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
trans-1,2-Dichloroethene	156-60-5	ug/g		< 0.015	< 0.015	< 0.015		< 0.015	< 0.015
trans-1,3-Dichloropropene	10061-02-6	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
Trichloroethene	79-01-6	ug/g		< 0.018	< 0.018	< 0.018		< 0.018	< 0.018
Trichlorofluoromethane	75-69-4	ug/g		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	75-01-4	ug/g		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	ug/g		< 0.005	< 0.005	< 0.005		< 0.005	< 0.005
WetChem									
Cyanide	57-12-5	ug/g		< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	29 / D-29-SS-007 / 4/8/1988 / .5 / SS29-7(0.5) / SO	29 / D-29-SS-008 / 4/8/1988 / .5 / SS29-8(0.5) / SO	29 / D-29-SS-009 / 4/11/1988 / .5 / SS29-9(0.5) / SO	29 / D-29-SS-010 / 4/11/1988 / .5 / SS29-10(0.5) / SO
Explosives							
1,4-Dinitrobenzene	100-25-4	ug/g	(1)		< 0.005		
Nitrobenzene	98-95-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
2,6-Dinitrotoluene	606-20-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Metals							
Antimony	7440-36-0	ug/g	(1)	< 3.1	< 3.1	< 3.1	< 3.1
Arsenic	7440-38-2	ug/g	(1)	4.57	8.38	4.83	4.99
Barium	7440-39-3	ug/g	(1)	57.9	100 >	67.6	64.8
Beryllium	7440-41-7	ug/g	(1)	0.892	0.701	0.965	1.21
Cadmium	7440-43-9	ug/g	(1)	1.1	27	0.5 >	7.2
Chromium	7440-47-3	ug/g	(1)	19	150	91	36
Copper	7440-50-8	ug/g	(1)	50 >	50 >	50 >	50 >
Lead	7439-92-1	ug/g	(1)	12	270	75	28
Mercury	7439-97-6	ug/g	(1)	< 0.13	0.476	< 0.13	0.206
Nickel	7440-02-0	ug/g	(1)	14.8	20 >	24.3	18.8
Selenium	7782-49-2	ug/g	(1)	< 2.6	< 2.6	< 2.6	< 2.6
Silver	7440-22-4	ug/g	(1)	< 1.6	< 1.6	< 1.6	< 1.6
Thallium	7440-28-0	ug/g	(1)	< 1.8	< 1.8	< 1.8	< 1.8
Zinc	7440-66-6	ug/g	(1)	47.2	313	256	160
Other							
DBABA - Unknown analyte, 1988 Dames & Moore SI	DBABA	ug/g	(1)	< 0.3	< 0.2	< 0.3	< 0.3
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/g	(1)	< 0.005	< 0.005	< 0.005	< 0.005
1,2,4-Trichlorobenzene	120-82-1	ug/g	(1)	< 0.3	< 0.3	0.3	< 0.3
1,2-Dichlorobenzene	95-50-1	ug/g	(1)	< 0.3	< 0.3	< 0.005	< 0.005
1,2-Dichlorobenzene	95-50-1	ug/g	(2)	< 0.005	< 0.005	< 0.3	< 0.3
1,3-Dichlorobenzene	541-73-1	ug/g	(1)	< 0.005	< 0.005	< 0.3	< 0.3
1,3-Dichlorobenzene	541-73-1	ug/g	(2)	< 0.3	< 0.3	< 0.005	< 0.005
1,4-Dichlorobenzene	106-46-7	ug/g	(1)	< 0.3	< 0.005	< 0.005	< 0.005
1,4-Dichlorobenzene	106-46-7	ug/g	(2)	< 0.005	< 0.3	< 0.3	< 0.3
2,4,6-Trichlorophenol	88-06-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dichlorophenol	120-83-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
2,4-Dinitrophenol	51-28-5	ug/g	(1)	< 2	< 2	< 2	< 2
2-Chloronaphthalene	91-58-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
2-Chlorophenol	95-57-8	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
2-Nitrophenol	88-75-5	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
3,3'-Dichlorobenzidine	91-94-1	ug/g	(1)	< 0.7	< 0.7	< 0.7	< 0.7
4,6-dinitro-2-Methylphenol	534-52-1	ug/g	(1)	< 2	< 2	< 2	< 2
4-Bromophenyl phenyl ether	101-55-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
4-Chloro-3-methylphenol	59-50-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
4-Chlorophenyl phenyl ether	7005-72-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
4-Nitrophenol	100-02-7	ug/g	(1)	< 2	< 2	< 2	< 2
Acenaphthene	83-32-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Acenaphthylene	208-96-8	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3

			Site Name	29	29	29	29
			Location ID	D-29-SS-007	D-29-SS-008	D-29-SS-009	D-29-SS-010
			Sample Date	4/8/1988	4/8/1988	4/11/1988	4/11/1988
			Depth Interval	.5	.5	.5	.5
			Sample ID	SS29-7(0.5)	SS29-8(0.5)	SS29-9(0.5)	SS29-10(0.5)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (continued)							
Anthracene	120-12-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Anthracene	120-12-7	ug/g	(2)				
Anthracene	120-12-7	ug/g	(3)				
Benz(a)anthracene	56-55-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Benzo(a)pyrene	50-32-8	ug/g	(1)	< 0.3	0.3	< 0.3	< 0.3
Benzo(b)fluoranthene	205-99-2	ug/g	(1)	< 0.3	0.3	< 0.3	< 0.3
Benzo(b)fluoranthene	205-99-2	ug/g	(2)	< 0.05			
Benzo(b)fluoranthene	205-99-2	ug/g	(3)	< 0.3			
Benzo(g,h,i)perylene	191-24-2	ug/g	(1)	< 0.3	1	< 0.3	< 0.3
Benzo(k)fluoranthene	207-08-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Chloroethoxy)methane	111-91-1	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Chloroethyl)ether	111-44-4	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Chloroisopropyl)ether	39638-32-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
bis(2-Ethylhexyl)phthalate	117-81-7	ug/g	(1)	0.5	0.5	< 0.3	< 0.3
Butylbenzyl phthalate	85-68-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Chrysene	218-01-9	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Diethylphthalate	84-66-2	ug/g	(1)	< 0.07	< 0.3	< 0.3	< 0.3
Diethylphthalate	84-66-2	ug/g	(2)	< 0.3	< 0.09		
Diethylphthalate	84-66-2	ug/g	(3)	< 0.3	< 0.3		
Dimethylphthalate	131-11-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
di-n-Butylphthalate	84-74-2	ug/g	(1)	0.5	0.4	0.6	0.3
di-n-Octylphthalate	117-84-0	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
di-n-Octylphthalate	117-84-0	ug/g	(2)	< 0.3			
di-n-Octylphthalate	117-84-0	ug/g	(3)	< 0.04			
Fluoranthene	206-44-0	ug/g	(1)	< 0.01	< 0.3	< 0.3	< 0.3
Fluoranthene	206-44-0	ug/g	(2)		< 0.07		
Fluoranthene	206-44-0	ug/g	(3)		< 0.3		
Hexachlorobenzene	118-74-1	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Hexachlorobutadiene	87-68-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/g	(1)	< 0.3	0.776	< 0.3	< 0.3
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/g	(2)		0.8		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/g	(3)		0.776		
Isophorone	78-59-1	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Naphthalene	91-20-3	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
n-Nitroso-di-n-propylamine	621-64-7	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Pentachlorophenol	87-86-5	ug/g	(1)	< 2	< 2	< 2	< 2
Phenanthrene	85-01-8	ug/g	(1)	< 0.01	< 0.3	< 0.3	< 0.3
Phenanthrene	85-01-8	ug/g	(2)		< 0.3		
Phenanthrene	85-01-8	ug/g	(3)		< 0.05		
Phenol	108-95-2	ug/g	(1)	< 0.3	< 0.3	< 0.3	< 0.3
Phenolics	64743-03-9	ug/g	(1)	< 0.29	< 0.29	< 0.29	< 0.29
Pyrene	129-00-0	ug/g	(1)	< 0.3	< 0.1	< 0.3	< 0.3
Pyrene	129-00-0	ug/g	(2)	< 0.03			
Pyrene	129-00-0	ug/g	(3)	< 0.3			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	29 / D-29-SS-007 / 4/8/1988 / .5 / SS29-7(0.5) / SO / (1)	29 / D-29-SS-008 / 4/8/1988 / .5 / SS29-8(0.5) / SO / (1)	29 / D-29-SS-009 / 4/11/1988 / .5 / SS29-9(0.5) / SO / (1)	29 / D-29-SS-010 / 4/11/1988 / .5 / SS29-10(0.5) / SO / (1)
TPH							
Oil & grease	OILGREASE	ug/g		1950	26899.9998	1350	415
VOC							
1,1,1-Trichloroethane	71-55-6	ug/g		< 0.018	< 0.018	< 0.018	< 0.018
1,1,2-Trichloroethane	79-00-5	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethane	75-34-3	ug/g		< 0.005	< 0.005	< 0.005	0.005
1,1-Dichloroethene	75-35-4	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	107-06-2	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	78-87-5	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
2-Chloroethyl vinyl ether	110-75-8	ug/g		< 0.005	< 0.005	< 0.005	< 0.001
Benzene	71-43-2	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	75-27-4	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	75-25-2	ug/g		< 0.01	< 0.01	< 0.01	< 0.01
Bromomethane	74-83-9	ug/g		< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	56-23-5	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	108-90-7	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	75-00-3	ug/g		< 0.01	< 0.01	< 0.01	< 0.01
Chloroform	67-66-3	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane	74-87-3	ug/g		< 0.01	< 0.01	< 0.01	< 0.01
cis-1,3-Dichloropropene	10061-01-5	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Dibromochloromethane	124-48-1	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Ethyl benzene	100-41-4	ug/g		< 0.005	< 0.02	< 0.02	< 0.005
Methylene chloride	75-09-2	ug/g		0.0335	0.0443	0.0328	0.0339
m-Xylenes	108-38-3	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	95-47-6	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	127-18-4	ug/g		< 0.0015	< 0.0015	< 0.0015	< 0.0015
Toluene	108-88-3	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	156-60-5	ug/g		< 0.015	< 0.015	< 0.015	< 0.015
trans-1,3-Dichloropropene	10061-02-6	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	79-01-6	ug/g		< 0.018	< 0.018	< 0.018	< 0.018
Trichlorofluoromethane	75-69-4	ug/g		< 0.005	< 0.005	< 0.005	< 0.005
Vinyl chloride	75-01-4	ug/g		< 0.01	< 0.01	< 0.01	< 0.01
Xylenes	1330-20-7	ug/g		< 0.005		< 0.005	< 0.005
WetChem							
Cyanide	57-12-5	ug/g		< 1.4	< 1.4	< 1.4	< 1.4

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-001	J-2-MW-001	J-2-MW-001	J-2-MW-002	J-2-MW-002	J-2-MW-003	J-2-MW-003	J-2-MW-004	J-2-MW-004	J-2-MW-005	J-2-MW-005
			Sample Date	3/25/1996	8/28/1996	8/28/1996	3/27/1996	3/27/1996	8/27/1996	8/27/1996	4/2/1996	4/2/1996	9/4/1996	9/4/1996
			Depth Interval	0 - 2	2 - 4	4 - 6	0 - 2	4 - 6	1 - 3	10 - 12	10 - 12	4 - 6	10 - 12	5 - 6
			Sample ID	2MW-1A(0-2)	2MW-10A(2-4)	2MW-10B(4-6)	2MW-2A(0-2)	2MW-2B(4-6)	2MW-3A(1-3)	2MW-3C(10-12)	2MW-4C(10-12)	2MW-4B(4-6)	2MW-5C(10-12)	2MW-5B(5-6)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Explosives														
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)								< 0.488 U	< 0.488 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)								< 0.496 U	< 0.496 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)								< 0.456 U	< 0.456 U		
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)											
2-Nitrotoluene	88-72-2	mg/kg	(1)											
3-Nitrotoluene	99-08-1	mg/kg	(1)											
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)											
4-Nitrotoluene	99-99-0	mg/kg	(1)											
Amino DNT's	TADNT	mg/kg	(1)											
HMX	2691-41-0	mg/kg	(1)								< 0.666 U	< 0.666 U		
Hydrazine	302-01-2	mg/kg	(1)	< 0.055 U	< 0.0504 U	< 0.0504 U	< 0.055 U	< 0.055 U	< 0.0504 U	< 0.0504 U	< 0.055 U	< 0.055 U	< 0.0504 U	< 0.0504 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.05 U	< 0.0503 U	< 0.0503 U	< 0.05 U	< 0.05 U	< 0.0503 U	< 0.0503 U	< 0.05 U	< 0.05 U	< 0.0503 U	< 0.0503 U
Nitrobenzene	98-95-3	mg/kg	(1)								< 2.41 U	< 2.41 U		
Nitrobenzene	98-95-3	mg/kg	(2)											
Nitrocellulose	9004-70-0	mg/kg	(1)								< 10.4 U	< 10.4 U		
Nitroglycerin	55-63-0	mg/kg	(1)								< 4 U	< 4 U		
Nitroguanidine	556-88-7	mg/kg	(1)								< 0.475 U	< 0.475 U		
PETN	78-11-5	mg/kg	(1)								< 4 U	< 4 U		
Picric Acid	88-89-1	mg/kg	(1)								< 0.108 U	< 0.108 U		
RDX	121-82-4	mg/kg	(1)								< 0.587 U	< 0.587 U		
Tetrazene	14097-21-3	mg/kg	(1)								< 1.19 U	< 1.19 U		
Tetryl	479-45-8	mg/kg	(1)								< 0.731 U	< 0.731 U		
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.05 U	< 0.0514 U	< 0.0514 U	< 0.05 U	< 0.05 U	< 0.0514 U	< 0.0514 U	< 0.05 U	< 0.05 U	< 0.0514 U	< 0.0514 U
Explosives / SVOC														
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)								< 0.424 U	< 0.424 U		
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)											
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)								< 0.524 U	< 0.524 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)											
Metals														
Aluminum	7429-90-5	mg/kg	(1)	7170	4740	5400	8100	8210	4050	3910	3280	7420	8220	6330
Antimony	7440-36-0	mg/kg	(1)	6.54	< 0.1 U	< 0.1 U	0.7	0.37	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	2.6	1.49	2.16	3.38	2.83	1.8	2.46	1.22	2.37	4.78	3.87
Barium	7440-39-3	mg/kg	(1)	101	21.9	29.3	42.5	41.3	21.4	23.6	36.1	40	39.4	37
Beryllium	7440-41-7	mg/kg	(1)	0.6	0.59	0.77	0.82	0.6	0.56	< 0.5 U	< 0.5 U	< 0.5 U	0.65	< 0.5 U
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U	< 5.91 U	7.88	< 5.91 U	< 5.91 U	7.34	< 5.91 U	< 5.91 U	8.34	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	2.22	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	17000	1430	1780	3190	1110	726	1540	1260	1560	2470	1590
Chromium	7440-47-3	mg/kg	(1)	25.1	15	20.3	18.8	57.5	9.6	12.4	12	19.8	20.7	13.4
Cobalt	7440-48-4	mg/kg	(1)	7.41	6.05	11.4	8.61	9.52	5.93	6.18	8.47	7.7	18.1	10.5
Copper	7440-50-8	mg/kg	(1)	25	19.5	25.6	27.5	21.9	15.1	16.5	19.4	20	11.1	38.4
Iron	7439-89-6	mg/kg	(1)	18500	14400	17700	18200	17500	9310	12300	11000	17500	28700	20500
Lead	7439-92-1	mg/kg	(1)	122	5.66	6.68	16.2	11.1	1.94	4.01	1.1	9.34	18.7	7.31
Magnesium	7439-95-4	mg/kg	(1)	3740	2200	2620	2850	2050	1490	1820	1670	2110	2320	2190
Manganese	7439-96-5	mg/kg	(1)	267	115	250	299	283	167	228	198	245	2240	1330
Mercury	7439-97-6	mg/kg	(1)	0.5	< 0.05 U	< 0.05 U	0.63	0.29	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.08	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	14.6	9.55	13.6	11.5	24.3	8.18	8.55	11.4	10.2	10.2	16.7
Potassium	7440-09-7	mg/kg	(1)	861	920	895	653	673	439	671	545	832	828	517
Selenium	7782-49-2	mg/kg	(1)	0.7	< 0.25 U	< 0.25 U	0.97	0.79	< 0.25 U	0.39	0.76	0.55	0.77	0.4
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	493	341	423	420	425	347	415	329	360	373	382
Strontium	7440-24-6	mg/kg	(1)	37	9.12	6.17	16.3	14.7	5.46	16.4	3.62	8.22	9.33	19.3
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.16	0.13
Titanium	7440-32-6	mg/kg	(1)	394	1300	821	701	596	356	396	148	431	609	608
Vanadium	7440-62-2	mg/kg	(1)	23.7	21.3	29.3	26.7	27.5	11.9	13.9	18.8	28	43.9	16.4
Zinc	7440-66-6	mg/kg	(1)	351	19.1	23.8	39.8	36.7	12.8	18.9	14.3	71.4	20.7	40.3
Zirconium	7440-67-7	mg/kg	(1)	4.9	3.34	< 2.5 U	7.21	7.44	< 2.5 U	5.79	< 2.5 U	< 2.5 U	4.67	4.81
PCBs														
Aroclor 1016	12674-11-2	mg/kg	(1)											

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-001	J-2-MW-001	J-2-MW-001	J-2-MW-002	J-2-MW-002	J-2-MW-003	J-2-MW-003	J-2-MW-004	J-2-MW-004	J-2-MW-005	J-2-MW-005
			Sample Date	3/25/1996	8/28/1996	8/28/1996	3/27/1996	3/27/1996	8/27/1996	8/27/1996	4/2/1996	4/2/1996	9/4/1996	9/4/1996
			Depth Interval	0 - 2	2 - 4	4 - 6	0 - 2	4 - 6	1 - 3	10 - 12	10 - 12	4 - 6	10 - 12	5 - 6
			Sample ID	2MW-1A(0-2)	2MW-10A(2-4)	2MW-10B(4-6)	2MW-2A(0-2)	2MW-2B(4-6)	2MW-3A(1-3)	2MW-3C(10-12)	2MW-4C(10-12)	2MW-4B(4-6)	2MW-5C(10-12)	2MW-5B(5-6)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Aroclor 1221	11104-28-2	mg/kg	(1)											
Aroclor 1232	11141-16-5	mg/kg	(1)											
Aroclor 1242	53469-21-9	mg/kg	(1)											
Aroclor 1248	12672-29-6	mg/kg	(1)											
Aroclor 1254	11097-69-1	mg/kg	(1)											
Aroclor 1260	11096-82-5	mg/kg	(1)											
Pesticides														
Diazinon	333-41-5	mg/kg	(1)											
Malathion	121-75-5	mg/kg	(1)											
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
SVOC														
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	3	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	5.7	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.04	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	1.3	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	1.8	0.38
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.67	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	1.3	0.44
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	0.47	0.17
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	0.94	< 0.62 U	1.2	1.3	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	1.4	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	1.8	0.66
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	4.4	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-001	J-2-MW-001	J-2-MW-001	J-2-MW-002	J-2-MW-002	J-2-MW-003	J-2-MW-003	J-2-MW-004	J-2-MW-004	J-2-MW-005	J-2-MW-005
			Sample Date	3/25/1996	8/28/1996	8/28/1996	3/27/1996	3/27/1996	8/27/1996	8/27/1996	4/2/1996	4/2/1996	9/4/1996	9/4/1996
			Depth Interval	0 - 2	2 - 4	4 - 6	0 - 2	4 - 6	1 - 3	10 - 12	10 - 12	4 - 6	10 - 12	5 - 6
			Sample ID	2MW-1A(0-2)	2MW-10A(2-4)	2MW-10B(4-6)	2MW-2A(0-2)	2MW-2B(4-6)	2MW-3A(1-3)	2MW-3C(10-12)	2MW-4C(10-12)	2MW-4B(4-6)	2MW-5C(10-12)	2MW-5B(5-6)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	ValueNo											
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	11	0.62
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	5.4	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	0.13	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	20	0.1
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	9.5	0.08
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.06	< 0.033 U	< 0.033 U	10	1.2
TPH														
Diesel Fuel	68334-30-5	mg/kg	(1)	< 8 U	< 7.98 U	< 7.98 U	< 8 U	< 8 U	< 7.98 U	< 7.98 U			30	< 7.98 U
Gasoline range organics	GRO	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U			< 8 U	< 8 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)											
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)											
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U			< 8 U	< 8 U
TRPH	TRPH	mg/kg	(1)		163	136			73.1	206			42.6	30.7
VOC														
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	0.01	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	0.02	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	0.06	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)											
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-001	J-2-MW-001	J-2-MW-001	J-2-MW-002	J-2-MW-002	J-2-MW-003	J-2-MW-003	J-2-MW-004	J-2-MW-004	J-2-MW-005	J-2-MW-005
			Sample Date	3/25/1996	8/28/1996	8/28/1996	3/27/1996	3/27/1996	8/27/1996	8/27/1996	4/2/1996	4/2/1996	9/4/1996	9/4/1996
			Depth Interval	0 - 2	2 - 4	4 - 6	0 - 2	4 - 6	1 - 3	10 - 12	10 - 12	4 - 6	10 - 12	5 - 6
			Sample ID	2MW-1A(0-2)	2MW-10A(2-4)	2MW-10B(4-6)	2MW-2A(0-2)	2MW-2B(4-6)	2MW-3A(1-3)	2MW-3C(10-12)	2MW-4C(10-12)	2MW-4B(4-6)	2MW-5C(10-12)	2MW-5B(5-6)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)											
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	0.01	0.01	0.01	< 0.59 U	< 0.59 U	0.01	0.01	0.59	0.61	0.93	0.01
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	0.3	< 0.15 U
WetChem														
% Solids	%Solid	%	(1)											
Ammonia	7664-41-7	mg/kg	(1)	38.8	< 12.5 U	< 12.5 U	43.2	65	< 12.5 U	< 12.5 U	< 12.5 U	41.6	147	30.4
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 UJ	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U	< 3.62 U	< 3.62 U	9.15	8.13	< 3.62 U	< 3.62 U	< 3.62 U	9.97	13.2	< 3.62 U
Nitrate	14797-55-8	mg/kg	(1)											
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	0.85	< 0.6 U	< 0.6 U	0.68	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)											
Phosphate	14265-44-2	mg/kg	(1)	500	550	690	430	550	580	330	470	360	500	360
Phosphorus	7723-14-0	mg/kg	(1)											
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	206
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	12.2	110
Total organic carbon	TOC	mg/kg	(1)											

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-006	J-2-MW-006	J-2-MW-007	J-2-MW-007	J-2-MW-008	J-2-MW-008	J-2-MW-009	J-2-MW-009	J-2-MW-015D	J-2-MW-015D	J-2-SB-001
			Sample Date	4/11/1996	4/11/1996	3/21/1996	3/21/1996	3/19/1996	3/19/1996	8/27/1996	8/27/1996	8/1/2001	8/1/2001	4/1/1996
			Depth Interval	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2	4 - 6	10 - 12	5 - 7	10 - 12	5 - 7	0 - 2
			Sample ID	2MW-6A(0-2)	2MW-6B(5-7)	2MW-7A(0-2)	2MW-7B(5-7)	2MW-8A(0-2)	2MW-8B(4-6)	2MW-9C(10-12)	2MW-9B(5-7)	2MW-15DB(10-12)	2MW-15DA(5-7)	2SB-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Explosives														
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)									< 0.25 U	< 0.25 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)									< 0.25 U	< 0.25 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)									< 0.25 U	< 0.25 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)									< 0.25 U	< 0.25 U	
2-Nitrotoluene	88-72-2	mg/kg	(1)									< 0.25 U	< 0.25 U	
3-Nitrotoluene	99-08-1	mg/kg	(1)									< 0.25 U	< 0.25 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)									< 0.25 U	< 0.25 U	
4-Nitrotoluene	99-99-0	mg/kg	(1)									< 0.25 U	< 0.25 U	
Amino DNT's	TADNT	mg/kg	(1)											
HMX	2691-41-0	mg/kg	(1)									< 0.5 U	< 0.5 U	
Hydrazine	302-01-2	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.051 U	< 0.051 U	< 0.051 U	< 0.051 U	< 0.0504 U	< 0.0504 U			< 0.055 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.055 U	< 0.055 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.0503 U	< 0.0503 U			< 0.05 U
Nitrobenzene	98-95-3	mg/kg	(1)									< 0.25 U	< 0.43 U	
Nitrobenzene	98-95-3	mg/kg	(2)									< 0.38 U	< 0.25 U	
Nitrocellulose	9004-70-0	mg/kg	(1)											
Nitroglycerin	55-63-0	mg/kg	(1)											
Nitroguanidine	556-88-7	mg/kg	(1)											
PETN	78-11-5	mg/kg	(1)											
Picric Acid	88-89-1	mg/kg	(1)											
RDX	121-82-4	mg/kg	(1)									< 0.5 U	< 0.5 U	
Tetrazene	14097-21-3	mg/kg	(1)											
Tetryl	479-45-8	mg/kg	(1)									< 0.65 U	< 0.65 U	
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.0505 U	< 0.0505 U	< 0.0505 U	< 0.0505 U	< 0.0514 U	< 0.0514 U			< 0.05 U
Explosives / SVOC														
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)									0.18 J	0.09 J	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)									< 0.38 U	< 0.43 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)									< 0.38 U	< 0.25 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)									< 0.25 U	< 0.43 U	
Metals														
Aluminum	7429-90-5	mg/kg	(1)	11100	10600	15600	5610	14900	15400	3690	4420			11200
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U			0.23
Arsenic	7440-38-2	mg/kg	(1)	3.49	3.51	6.82	2.52	5.16	4.55	2.22	1.74			5.42
Barium	7440-39-3	mg/kg	(1)	57.5	58.9	78.2	23.7	59.9	61.3	24.8	23.7			37.4
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	< 0.5 U	0.77	< 0.5 U	1.13	0.94	0.67	< 0.5 U			0.89
Boron	7440-42-8	mg/kg	(1)	15.3	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U			< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U			< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	41500	18500	1580	1600	1500	1190	997	913			1290
Chromium	7440-47-3	mg/kg	(1)	32.6	25	36	17.9	33	138	8.64	9.66			18.3
Cobalt	7440-48-4	mg/kg	(1)	7.01	8.25	13.3	9.76	14.5	12.9	5.55	5.19			7.32
Copper	7440-50-8	mg/kg	(1)	19.7	29.7	30.2	17	29.8	28.2	18.2	14.1			19.5
Iron	7439-89-6	mg/kg	(1)	19600	26000	25500	17200	29300	26700	11400	12500			18700
Lead	7439-92-1	mg/kg	(1)	13	9.89	17.9	3.41	12.6	8.26	2.8	2.03			22.3
Magnesium	7439-95-4	mg/kg	(1)	5610	4650	5050	2360	5500	3530	1660	1650			2180
Manganese	7439-96-5	mg/kg	(1)	303	214	274	151	450	388	239	213			228
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.5	0.08	< 0.05 U	< 0.05 U			0.06
Nickel	7440-02-0	mg/kg	(1)	13.6	30	18.8	14.6	26.5	59.7	8.18	7.77			11.1
Potassium	7440-09-7	mg/kg	(1)	1670	1690	2440	859	1320	1450	726	710			730
Selenium	7782-49-2	mg/kg	(1)	0.99	1.01	1.26	0.76	1.2	1.07	< 0.25 U	< 0.25 U			2
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U			< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	511	395	494	442	437	445	388	363			460
Strontium	7440-24-6	mg/kg	(1)	220	84	23.7	9.75	18.2	13.4	10.2	6.75			22.7
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U	0.28	< 0.1 U	0.19	0.17	< 0.1 U	< 0.1 U			0.18
Titanium	7440-32-6	mg/kg	(1)	608	631	1700	551	1110	931	389	328			767
Vanadium	7440-62-2	mg/kg	(1)	28.1	35	53.6	29.9	55.4	52.4	13.3	14.7			38.9
Zinc	7440-66-6	mg/kg	(1)	45.9	47.8	28.1	22.5	64	43.5	17	16.9			46.1
Zirconium	7440-67-7	mg/kg	(1)	5.96	5.39	4.48	6.37	5.91	5.1	4.84	3.87			7.35
PCBs														
Aroclor 1016	12674-11-2	mg/kg	(1)											

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-006	J-2-MW-006	J-2-MW-007	J-2-MW-007	J-2-MW-008	J-2-MW-008	J-2-MW-009	J-2-MW-009	J-2-MW-015D	J-2-MW-015D	J-2-SB-001
			Sample Date	4/11/1996	4/11/1996	3/21/1996	3/21/1996	3/19/1996	3/19/1996	8/27/1996	8/27/1996	8/1/2001	8/1/2001	4/1/1996
			Depth Interval	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2	4 - 6	10 - 12	5 - 7	10 - 12	5 - 7	0 - 2
			Sample ID	2MW-6A(0-2)	2MW-6B(5-7)	2MW-7A(0-2)	2MW-7B(5-7)	2MW-8A(0-2)	2MW-8B(4-6)	2MW-9C(10-12)	2MW-9B(5-7)	2MW-15DB(10-12)	2MW-15DA(5-7)	2SB-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	ValueNo											
Aroclor 1221	11104-28-2	mg/kg	(1)											
Aroclor 1232	11141-16-5	mg/kg	(1)											
Aroclor 1242	53469-21-9	mg/kg	(1)											
Aroclor 1248	12672-29-6	mg/kg	(1)											
Aroclor 1254	11097-69-1	mg/kg	(1)											
Aroclor 1260	11096-82-5	mg/kg	(1)											
Pesticides														
Diazinon	333-41-5	mg/kg	(1)											
Malathion	121-75-5	mg/kg	(1)											
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U			< 0.25 U
SVOC														
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U			< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.38 U	< 0.43 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.38 U	< 0.43 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.38 U	< 0.43 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.38 U	< 0.43 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.38 U	< 0.43 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.38 U	< 0.43 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.38 U	< 0.43 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.38 U	< 0.43 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.8 U	< 2.1 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.38 U	< 0.43 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.38 U	< 0.43 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.38 U	< 0.43 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.38 U	< 0.43 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 1.8 U	< 2.1 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.38 U	< 0.43 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 1.8 U	< 2.1 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 1.8 U	< 2.1 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 1.8 U	< 2.1 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.38 U	< 0.43 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.38 U	< 0.43 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.38 U#	< 0.43 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 1.8 U	< 2.1 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.8 U	< 2.1 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.38 U	< 0.43 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.38 U	< 0.43 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.38 U	< 0.43 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.38 U	< 0.43 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.38 U	< 0.43 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.38 U	< 0.43 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.38 U	< 0.43 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U			< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.38 U	< 0.43 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.38 U	< 0.43 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	0.93	0.21 J	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.38 U	< 0.43 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.38 U	< 0.43 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.38 U	< 0.43 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.38 U	< 0.43 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.38 U	< 0.43 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.38 U	< 0.43 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.38 U	< 0.43 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.38 U	< 0.43 U	< 0.061 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-006	J-2-MW-006	J-2-MW-007	J-2-MW-007	J-2-MW-008	J-2-MW-008	J-2-MW-009	J-2-MW-009	J-2-MW-015D	J-2-MW-015D	J-2-SB-001
			Sample Date	4/11/1996	4/11/1996	3/21/1996	3/21/1996	3/19/1996	3/19/1996	8/27/1996	8/27/1996	8/1/2001	8/1/2001	4/1/1996
			Depth Interval	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2	4 - 6	10 - 12	5 - 7	10 - 12	5 - 7	0 - 2
			Sample ID	2MW-6A(0-2)	2MW-6B(5-7)	2MW-7A(0-2)	2MW-7B(5-7)	2MW-8A(0-2)	2MW-8B(4-6)	2MW-9C(10-12)	2MW-9B(5-7)	2MW-15DB(10-12)	2MW-15DA(5-7)	2SB-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.38 U	< 0.43 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.38 U	< 0.43 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.38 U	< 0.43 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.38 U	< 0.43 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 1.8 U	< 2.1 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.38 U	< 0.43 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.38 U	< 0.43 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.38 U	< 0.43 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.38 U	< 0.43 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.38 U	< 0.43 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 0.38 U	< 0.43 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.38 U	< 0.43 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.43 U	< 0.033 U
TPH														
Diesel Fuel	68334-30-5	mg/kg	(1)	< 8 U	12.4	< 8 U	< 8 U	< 8 U	< 8 U	< 7.98 U	< 7.98 U			
Gasoline range organics	GRO	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U			
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)											
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)											
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U			
TRPH	TRPH	mg/kg	(1)							< 27.8 U	< 27.8 U			
VOC														
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U			< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U			< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U			< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U			< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U			< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U			< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U			< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U			< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U			< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U			< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U			< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U			< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U			< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U			< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U			< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U			< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U			< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U			< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U			< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)											
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U			< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U			< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U			< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U			< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U			< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U			< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U			< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	0.02	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U			< 0.012 U
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U			< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U			< 0.5 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-MW-006	J-2-MW-006	J-2-MW-007	J-2-MW-007	J-2-MW-008	J-2-MW-008	J-2-MW-009	J-2-MW-009	J-2-MW-015D	J-2-MW-015D	J-2-SB-001
			Sample Date	4/11/1996	4/11/1996	3/21/1996	3/21/1996	3/19/1996	3/19/1996	8/27/1996	8/27/1996	8/1/2001	8/1/2001	4/1/1996
			Depth Interval	0 - 2	5 - 7	0 - 2	5 - 7	0 - 2	4 - 6	10 - 12	5 - 7	10 - 12	5 - 7	0 - 2
			Sample ID	2MW-6A(0-2)	2MW-6B(5-7)	2MW-7A(0-2)	2MW-7B(5-7)	2MW-8A(0-2)	2MW-8B(4-6)	2MW-9C(10-12)	2MW-9B(5-7)	2MW-15DB(10-12)	2MW-15DA(5-7)	2SB-1A(0-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U			< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	0.12	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U			< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)											
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U			< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U			< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	0.87	0.01			< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U			< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U			< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U			< 0.15 U
WetChem														
% Solids	%Solid	%	(1)									86.9	76.9	
Ammonia	7664-41-7	mg/kg	(1)	56.3	21.1	32.6	< 12.5 U	57.1	49.4	< 12.5 U	42.2			114
Chloride	16887-00-6	mg/kg	(1)	17.2	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U			< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U			< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U	< 3.62 U	9.32	< 3.62 U	23.2	19.9	< 3.62 U	< 3.62 U			12.5
Nitrate	14797-55-8	mg/kg	(1)											
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	0.71	0.61			< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)											
Phosphate	14265-44-2	mg/kg	(1)	860	460	410	730	250	190	430	420			690
Phosphorus	7723-14-0	mg/kg	(1)											
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U			< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U			< 6 U
Total organic carbon	TOC	mg/kg	(1)										2100	

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SB-001	J-2-SB-001	J-2-SB-005	J-2-SB-005	J-2-SB-005	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-014	J-2-SS-001C	J-2-SS-002C
			Sample Date	4/1/1996	4/1/1996	7/25/2001	7/25/2001	7/31/2001	8/1/2001	8/1/2001	8/1/2001	8/1/2001	6/13/2002	12/19/1995	12/19/1995
			Depth Interval	10 - 12	4 - 6	0 - 5	0 - 5	10 - 12	0 - 2	0 - 2	10 - 12	5 - 7	15 - 16	0 - 1	0 - 1
			Sample ID	2SB-1C(10-12)	2SB-1B(4-6)	2SB-5ADUP(0-5)	2SB-5A(0-5)	2SB-5B(10-12)	2SB-6ADUP(0-2)	2SB-6A(0-2)	2SB-6C(10-12)	2SB-6B(5-7)	2SB-14(15-16)	2SS-1C(0-1)	2SS-2C(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
Explosives															
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
2-Nitrotoluene	88-72-2	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
3-Nitrotoluene	99-08-1	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
4-Nitrotoluene	99-99-0	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U							
Amino DNT's	TADNT	mg/kg	(1)												
HMX	2691-41-0	mg/kg	(1)			< 0.5 U	< 0.5 U	< 0.5 U							
Hydrazine	302-01-2	mg/kg	(1)	< 0.055 U	< 0.055 U									< 0.05 U	< 0.05 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.05 U	< 0.05 U									< 0.0512 U	< 0.0512 U
Nitrobenzene	98-95-3	mg/kg	(1)			< 0.37 U	< 0.39 U	< 0.25 U							
Nitrobenzene	98-95-3	mg/kg	(2)			< 0.25 U	< 0.25 U	< 0.39 U							
Nitrocellulose	9004-70-0	mg/kg	(1)												
Nitroglycerin	55-63-0	mg/kg	(1)												
Nitroguanidine	556-88-7	mg/kg	(1)												
PETN	78-11-5	mg/kg	(1)												
Picric Acid	88-89-1	mg/kg	(1)												
RDX	121-82-4	mg/kg	(1)			< 0.5 U	< 0.5 U	< 0.5 U							
Tetrazene	14097-21-3	mg/kg	(1)												
Tetryl	479-45-8	mg/kg	(1)			< 0.65 U	< 0.65 U	< 0.65 U							
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.05 U	< 0.05 U									< 0.05 U	< 0.05 U
Explosives / SVOC															
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)			< 0.37 U	< 0.39 U	< 0.39 U							
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)			< 0.25 U	< 0.25 U	0.05 J							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)			< 0.25 U	< 0.39 U	< 0.39 U							
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)			< 0.37 U	< 0.25 U	< 0.25 U							
Metals															
Aluminum	7429-90-5	mg/kg	(1)	2840	9350				5880	7300	16600	8320		7180	12500
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U				1.3 J	2.1 J	< 1.3 U	< 1.1 UJ		0.39	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	1.64	3.89				1.7	2.6	4.5	2.1		5.81	4.38
Barium	7440-39-3	mg/kg	(1)	10.4	29.4				36.8	42.5	78.3	37.2		42.5	61.8
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	0.89				0.37 J	0.45 J	0.59 J	0.47 J		1.25	0.91
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U									8.21	8.02
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U				0.9	1.1	0.13 J	0.35		7.56	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	1470	880				5890	6880	491 J	2920		1700	1190
Chromium	7440-47-3	mg/kg	(1)	14.5	20				9.8 J	12.8 J	16.7	12.5 J		2020	19.5
Cobalt	7440-48-4	mg/kg	(1)	7.55	9.72				5.1 J	6.2	7.8	7.2		25	7.48
Copper	7440-50-8	mg/kg	(1)	14.6	13.9				17.7	23.1	9.9	22		2030	20.6
Iron	7439-89-6	mg/kg	(1)	13000	20400				12700	14700	24300	15500		180000	18600
Lead	7439-92-1	mg/kg	(1)	1.52	5.53				42.6	50	10.3	11.6		62.4	25.3
Magnesium	7439-95-4	mg/kg	(1)	1690	2440				2080	2550	2280	1970		2300	2570
Manganese	7439-96-5	mg/kg	(1)	112	212				171	191	856	267		1700	290
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U				2.6 D	2.2 D	< 0.13 U	0.79		0.09	0.09
Nickel	7440-02-0	mg/kg	(1)	10.3	14				8.6	9.1	11.2	10.4		3390	19.3
Potassium	7440-09-7	mg/kg	(1)	548	752				561	678	421 J	739		826	574
Selenium	7782-49-2	mg/kg	(1)	0.7	1.1				< 0.54 U	0.5 J	0.68	0.4 J		< 0.25 UJ	< 0.25 UJ
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U				< 0.54 U	< 0.53 U	< 0.65 U	< 0.54 U		< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	446	408				< 536 U	< 532 U	< 652 U	< 543 U		370	423
Strontium	7440-24-6	mg/kg	(1)	6.17	10.3									18.6 J	9.78 J
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U				< 1.1 U	< 1.1 U	< 1.3 U	< 1.1 U		0.15	0.16
Titanium	7440-32-6	mg/kg	(1)	352	432									598	629
Vanadium	7440-62-2	mg/kg	(1)	25.5	36.1				15.8	17.2	32.3	20.6		26	33.6
Zinc	7440-66-6	mg/kg	(1)	11.9	28.7				101	136	36.6	42.5		370	52.2
Zirconium	7440-67-7	mg/kg	(1)	< 2.5 U	7.02									4.59	< 2.5 U
PCBs															
Aroclor 1016	12674-11-2	mg/kg	(1)												

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SB-001	J-2-SB-001	J-2-SB-005	J-2-SB-005	J-2-SB-005	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-014	J-2-SS-001C	J-2-SS-002C
			Sample Date	4/1/1996	4/1/1996	7/25/2001	7/25/2001	7/31/2001	8/1/2001	8/1/2001	8/1/2001	8/1/2001	6/13/2002	12/19/1995	12/19/1995
			Depth Interval	10 - 12	4 - 6	0 - 5	0 - 5	10 - 12	0 - 2	0 - 2	10 - 12	5 - 7	15 - 16	0 - 1	0 - 1
			Sample ID	2SB-1C(10-12)	2SB-1B(4-6)	2SB-5ADUP(0-5)	2SB-5A(0-5)	2SB-5B(10-12)	2SB-6ADUP(0-2)	2SB-6A(0-2)	2SB-6C(10-12)	2SB-6B(5-7)	2SB-14(15-16)	2SS-1C(0-1)	2SS-2C(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
Aroclor 1221	11104-28-2	mg/kg	(1)												
Aroclor 1232	11141-16-5	mg/kg	(1)												
Aroclor 1242	53469-21-9	mg/kg	(1)												
Aroclor 1248	12672-29-6	mg/kg	(1)												
Aroclor 1254	11097-69-1	mg/kg	(1)												
Aroclor 1260	11096-82-5	mg/kg	(1)												
Pesticides															
Diazinon	333-41-5	mg/kg	(1)												
Malathion	121-75-5	mg/kg	(1)												
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U									< 0.25 U	< 0.25 U
SVOC															
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U									< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.8 U	< 1.9 U	< 1.9 U						< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 1.8 U	< 1.9 U	< 1.9 U						< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 1.8 U	< 1.9 U	< 1.9 U						< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 1.8 U	< 1.9 U	< 1.9 U						< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 1.8 U	< 1.9 U	< 1.9 U						< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.37 U#	< 0.39 U#	< 0.39 U#						< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 1.8 U	< 1.9 U	< 1.9 U						< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.8 U	< 1.9 U	< 1.9 U						< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U									< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.37 (U)	< 0.39 U	1.5						< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.061 U	< 0.061 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SB-001	J-2-SB-001	J-2-SB-005	J-2-SB-005	J-2-SB-005	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-014	J-2-SS-001C	J-2-SS-002C
			Sample Date	4/1/1996	4/1/1996	7/25/2001	7/25/2001	7/31/2001	8/1/2001	8/1/2001	8/1/2001	8/1/2001	6/13/2002	12/19/1995	12/19/1995
			Depth Interval	10 - 12	4 - 6	0 - 5	0 - 5	10 - 12	0 - 2	0 - 2	10 - 12	5 - 7	15 - 16	0 - 1	0 - 1
			Sample ID	2SB-1C(10-12)	2SB-1B(4-6)	2SB-5ADUP(0-5)	2SB-5A(0-5)	2SB-5B(10-12)	2SB-6ADUP(0-2)	2SB-6A(0-2)	2SB-6C(10-12)	2SB-6B(5-7)	2SB-14(15-16)	2SS-1C(0-1)	2SS-2C(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 1.8 U	< 1.9 U	< 1.9 U						< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 0.37 U	< 0.39 U	< 0.39 U						< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.39 U						< 0.033 U	< 0.033 U
TPH															
Diesel Fuel	68334-30-5	mg/kg	(1)											< 8 U	43.2
Gasoline range organics	GRO	mg/kg	(1)											< 8 U	< 8 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)												
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)												
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)											< 8 U	< 8 U
TRPH	TRPH	mg/kg	(1)												
VOC															
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U									< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U									< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U									< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U									< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U									< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U									< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U									< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U									< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U									< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U									< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U									< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U									< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U									< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U									< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U									< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U									< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U									< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U									< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U									< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U									< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U									< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U									< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U									< 0.88 U	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)												
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U									< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U									< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U									< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U									< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U									< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U									< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U									< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U									< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U									< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U									< 1 U	< 1 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SB-001	J-2-SB-001	J-2-SB-005	J-2-SB-005	J-2-SB-005	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-006	J-2-SB-014	J-2-SS-001C	J-2-SS-002C
			Sample Date	4/1/1996	4/1/1996	7/25/2001	7/25/2001	7/31/2001	8/1/2001	8/1/2001	8/1/2001	8/1/2001	6/13/2002	12/19/1995	12/19/1995
			Depth Interval	10 - 12	4 - 6	0 - 5	0 - 5	10 - 12	0 - 2	0 - 2	10 - 12	5 - 7	15 - 16	0 - 1	0 - 1
			Sample ID	2SB-1C(10-12)	2SB-1B(4-6)	2SB-5ADUP(0-5)	2SB-5A(0-5)	2SB-5B(10-12)	2SB-6ADUP(0-2)	2SB-6A(0-2)	2SB-6C(10-12)	2SB-6B(5-7)	2SB-14(15-16)	2SS-1C(0-1)	2SS-2C(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U									< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U									< 0.078 U	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)												
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U									< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U									< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U									< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U									< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U									< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U									< 0.15 U	< 0.15 U
WetChem															
% Solids	%Solid	%	(1)			88.3	85.3	83.6	93.3	94	76.7	92.1	89.6		
Ammonia	7664-41-7	mg/kg	(1)	< 12.5 U	17.8									87.2	163
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	< 6.05 U									< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U									< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U	14									9.24	5.88
Nitrate	14797-55-8	mg/kg	(1)												
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	< 0.6 U									< 0.6 U	< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)												
Phosphate	14265-44-2	mg/kg	(1)	570	200									670	450
Phosphorus	7723-14-0	mg/kg	(1)												
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U									< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U									< 6 U	< 6 U
Total organic carbon	TOC	mg/kg	(1)										410		

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SS-003A	J-2-SS-003A	J-2-SS-004A	J-2-SS-005B	J-2-SS-006A	J-2-SS-007A	J-2-SS-008A	J-2-SS-010A	J-2-SS-011	J-2-SS-012	J-2-SS-013	J-2-TP-001
			Sample Date	12/19/1995	12/19/1995	3/29/1996	3/29/1996	3/29/1996	4/2/1996	4/2/1996	1/30/1998	1/30/1998	1/30/1998	1/30/1998	11/12/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	1 - 1.5
			Sample ID	2SS-3ADUP(0-1)	2SS-3A(0-1)	2SS-4A(0-1)	2SS-5B(0-1)	2SS-6A(0-1)	2SS-7A(0-1)	2SS-8A(0-1)	2SS-10(0-1)	2SS-11(0-1)	2SS-12(0-1)	2SS-13(0-1)	2TP-1A(1-1.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
Explosives															
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)												
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)												
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)												
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)												
2-Nitrotoluene	88-72-2	mg/kg	(1)												
3-Nitrotoluene	99-08-1	mg/kg	(1)												
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)												
4-Nitrotoluene	99-99-0	mg/kg	(1)												
Amino DNT's	TADNT	mg/kg	(1)												
HMX	2691-41-0	mg/kg	(1)												
Hydrazine	302-01-2	mg/kg	(1)	< 0.05 U	< 0.05 U										
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.0512 U	< 0.0512 U										
Nitrobenzene	98-95-3	mg/kg	(1)												
Nitrobenzene	98-95-3	mg/kg	(2)												
Nitrocellulose	9004-70-0	mg/kg	(1)												
Nitroglycerin	55-63-0	mg/kg	(1)												
Nitroguanidine	556-88-7	mg/kg	(1)												
PETN	78-11-5	mg/kg	(1)												
Picric Acid	88-89-1	mg/kg	(1)												
RDX	121-82-4	mg/kg	(1)												
Tetrazene	14097-21-3	mg/kg	(1)												
Tetryl	479-45-8	mg/kg	(1)												
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.05 U	< 0.05 U										
Explosives / SVOC															
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)												
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)												
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)												
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)												
Metals															
Aluminum	7429-90-5	mg/kg	(1)	13000	9810						3640	4270	6510	6280	11400
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U						0.32	0.09	0.79	0.2	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	3.16	4.12						1.35	0.97	4.2	1.36	2.88
Barium	7440-39-3	mg/kg	(1)	54.1	44.1						21.9	33.1	46.1	44.8	38
Beryllium	7440-41-7	mg/kg	(1)	0.8	0.68						0.19	0.14	0.26	0.42	1.26
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U										< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U						1.12	0.25	0.82	1.08	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	1010	673										587
Chromium	7440-47-3	mg/kg	(1)	23.9	17.7						266	11	59.8	226	16.4
Cobalt	7440-48-4	mg/kg	(1)	9.1	9.73										7.4
Copper	7440-50-8	mg/kg	(1)	18	14.2						166	38.8	85.9	166	16.2
Iron	7439-89-6	mg/kg	(1)	22300	16400						15400	17200	18900	19300	18200
Lead	7439-92-1	mg/kg	(1)	4.71 J	5.67 J						27.5	7.93	39.8	26.6	9.29
Magnesium	7439-95-4	mg/kg	(1)	2590	1950						1970	2350	2860	2040	2100
Manganese	7439-96-5	mg/kg	(1)	516	580						173	183	246	328	195
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U						0.09	< 0.022 U	0.06	0.07	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	14.8	11.6						43.6	4.11	7.93	20	11.7
Potassium	7440-09-7	mg/kg	(1)	692	524										555
Selenium	7782-49-2	mg/kg	(1)	0.85 J	0.54 J										0.63
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U						0.15	0.22	0.35	0.35	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	427	386										267
Strontium	7440-24-6	mg/kg	(1)	8.72 J	8.77 J										6.56
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U										< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	547	564										506
Vanadium	7440-62-2	mg/kg	(1)	43.4	30.3										33.5
Zinc	7440-66-6	mg/kg	(1)	24	19.1						113	44.6	116	95.4	23.5
Zirconium	7440-67-7	mg/kg	(1)	7.44	8.23										6.97
PCBs															
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U					

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SS-003A	J-2-SS-003A	J-2-SS-004A	J-2-SS-005B	J-2-SS-006A	J-2-SS-007A	J-2-SS-008A	J-2-SS-010A	J-2-SS-011	J-2-SS-012	J-2-SS-013	J-2-TP-001
			Sample Date	12/19/1995	12/19/1995	3/29/1996	3/29/1996	3/29/1996	4/2/1996	4/2/1996	1/30/1998	1/30/1998	1/30/1998	1/30/1998	11/12/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	1 - 1.5
			Sample ID	2SS-3ADUP(0-1)	2SS-3A(0-1)	2SS-4A(0-1)	2SS-5B(0-1)	2SS-6A(0-1)	2SS-7A(0-1)	2SS-8A(0-1)	2SS-10(0-1)	2SS-11(0-1)	2SS-12(0-1)	2SS-13(0-1)	2TP-1A(1-1.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT					
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT					
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT					
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT					
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT					
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U					
Pesticides															
Diazinon	333-41-5	mg/kg	(1)												
Malathion	121-75-5	mg/kg	(1)												
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U										
SVOC															
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U										
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U										
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U										
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U										
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U										
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U										
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U										
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U										
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U										
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U										
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U										
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U										
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U										
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U										
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U										
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U										
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U										
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U										
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U										
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U										
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U										
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U										
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U										
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#										
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U										
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U										
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U										
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U										
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U										
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U										
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U										
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U										
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U										
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U										
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U										
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U										
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U										
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U										
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U										
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U										
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U										
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U										
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U										
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U										
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U										
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U										
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U										

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SS-003A	J-2-SS-003A	J-2-SS-004A	J-2-SS-005B	J-2-SS-006A	J-2-SS-007A	J-2-SS-008A	J-2-SS-010A	J-2-SS-011	J-2-SS-012	J-2-SS-013	J-2-TP-001
			Sample Date	12/19/1995	12/19/1995	3/29/1996	3/29/1996	3/29/1996	4/2/1996	4/2/1996	1/30/1998	1/30/1998	1/30/1998	1/30/1998	11/12/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	1 - 1.5
			Sample ID	2SS-3ADUP(0-1)	2SS-3A(0-1)	2SS-4A(0-1)	2SS-5B(0-1)	2SS-6A(0-1)	2SS-7A(0-1)	2SS-8A(0-1)	2SS-10(0-1)	2SS-11(0-1)	2SS-12(0-1)	2SS-13(0-1)	2TP-1A(1-1.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U										
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U										
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U										
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U										
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U										
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U										
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U										
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U										
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U										
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U										
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U										
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U										
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U										
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U										
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U										
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U										
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U										
TPH															
Diesel Fuel	68334-30-5	mg/kg	(1)	< 8 U	< 8 U										
Gasoline range organics	GRO	mg/kg	(1)	< 8 U	< 8 U										
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)												
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)												
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U	< 8 U										
TRPH	TRPH	mg/kg	(1)												
VOC															
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U										
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U										
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U										
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U										
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U										
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U										
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U										
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U										
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U										
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U										
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U										
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U										
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U										
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U										
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U										
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U										
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U										
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U										
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U										
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U										
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U										
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U										
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U										
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)												
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U										
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U										
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U										
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U										
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U										
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U										
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U										
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U										
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U										
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 1 U	< 1 U										

			Site Name	2	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-SS-003A	J-2-SS-003A	J-2-SS-004A	J-2-SS-005B	J-2-SS-006A	J-2-SS-007A	J-2-SS-008A	J-2-SS-010A	J-2-SS-011	J-2-SS-012	J-2-SS-013	J-2-TP-001
			Sample Date	12/19/1995	12/19/1995	3/29/1996	3/29/1996	3/29/1996	4/2/1996	4/2/1996	1/30/1998	1/30/1998	1/30/1998	1/30/1998	11/12/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	1 - 1.5
			Sample ID	2SS-3ADUP(0-1)	2SS-3A(0-1)	2SS-4A(0-1)	2SS-5B(0-1)	2SS-6A(0-1)	2SS-7A(0-1)	2SS-8A(0-1)	2SS-10(0-1)	2SS-11(0-1)	2SS-12(0-1)	2SS-13(0-1)	2TP-1A(1-1.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**												
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U										
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U										
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)												
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U										
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U										
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U										
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U										
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U										
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U										
WetChem															
% Solids	%Solid	%	(1)												
Ammonia	7664-41-7	mg/kg	(1)	29	36										
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	< 6.05 U										
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U										< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	13.3	13										
Nitrate	14797-55-8	mg/kg	(1)												
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	< 0.6 U										
Nitrite	14797-65-0	mg/kg	(1)												
Phosphate	14265-44-2	mg/kg	(1)	< 7.49 U	< 7.49 U										
Phosphorus	7723-14-0	mg/kg	(1)												
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U										
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U										
Total organic carbon	TOC	mg/kg	(1)												

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-TP-001	J-2-TP-001	J-2-TP-002	J-2-TP-002	J-2-TP-002	J-4-SD-39	J-4-SD-40	J-B3517-S-1B	J-B3517-S-3B	J-B3517-SS-12	J-B3517-SS-13
			Sample Date	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996	1/30/1998	1/30/1998	8/9/2001	8/9/2001	4/4/2005	4/4/2005
			Depth Interval	2 - 2.5	4 - 4.5	2 - 2.5	3.5 - 4	5.5 - 6	0 - 1	0 - 1	2 - 3	2 - 3	0 - 1	1 - 2
			Sample ID	2TP-1B(2-2.5)	2TP-1C(4-4.5)	2TP-2A(2-2.5)	2TP-2B(3.5-4)	2TP-2C(5.5-6)	2SD-39(0-1)	2SD-40(0-1)	B3517-S-1B(2-3)	B3517-S-3B(2-3)	B3517SS-12(0-1)	B3517SS-13(1-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Explosives														
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						< 0.244288 U	< 0.633703 U				
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						< 0.244288 U	< 0.633703 U				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						< 0.244288 U	< 0.633703 U				
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)											
2-Nitrotoluene	88-72-2	mg/kg	(1)						< 1.221439 U	< 1.58426 U				
3-Nitrotoluene	99-08-1	mg/kg	(1)						< 1.221439 U	< 1.58426 U				
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)											
4-Nitrotoluene	99-99-0	mg/kg	(1)						< 3.66432 U	< 4.75277 U				
Amino DNT's	TADNT	mg/kg	(1)						< 0.61072 U	< 0.792128 U				
HMX	2691-41-0	mg/kg	(1)						< 1.346026 U	< 1.74902 U				
Hydrazine	302-01-2	mg/kg	(1)											
Monomethyl hydrazine	60-34-4	mg/kg	(1)											
Nitrobenzene	98-95-3	mg/kg	(1)						< 0.373514 U	< 0.633703 U				
Nitrobenzene	98-95-3	mg/kg	(2)						< 0.244288 U	< 2.35043 U				
Nitrocellulose	9004-70-0	mg/kg	(1)											
Nitroglycerin	55-63-0	mg/kg	(1)											
Nitroguanidine	556-88-7	mg/kg	(1)											
PETN	78-11-5	mg/kg	(1)											
Picric Acid	88-89-1	mg/kg	(1)											
RDX	121-82-4	mg/kg	(1)						< 0.61072 U	< 0.792128 U				
Tetrazene	14097-21-3	mg/kg	(1)											
Tetryl	479-45-8	mg/kg	(1)						< 0.244288 U	0.55 J				
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)											
Explosives / SVOC														
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						< 0.373514 U	< 0.633703 U				
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						< 0.244288 U	< 2.35043 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						< 0.244288 U	< 0.633703 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						< 0.373514 U	< 2.35043 U				
Metals														
Aluminum	7429-90-5	mg/kg	(1)	11400	10100	7690	7030	7100	7230	7490				
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.32	0.09				
Arsenic	7440-38-2	mg/kg	(1)	3.84	3.74	3.25	2.71	2.66	0.6	1.69				
Barium	7440-39-3	mg/kg	(1)	42	47.3	33.7	30.5	41.2	29.7	47.8				
Beryllium	7440-41-7	mg/kg	(1)	1.45	1.14	1	1	0.81	0.25	0.76				
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U						
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	1.56	0.27				
Calcium	7440-70-2	mg/kg	(1)	1930	1270	1790	1760	6400						
Chromium	7440-47-3	mg/kg	(1)	18.8	14.5	11.9	12.3	10.2	14.6	324				
Cobalt	7440-48-4	mg/kg	(1)	10.1	7.96	7.81	7.74	8.44						
Copper	7440-50-8	mg/kg	(1)	16.5	17.6	22.3	20.4	19.7	21.8 J	62.2 J				
Iron	7439-89-6	mg/kg	(1)	18600	17100	14200	14500	12600	14800	121000				
Lead	7439-92-1	mg/kg	(1)	14.4	13.3	17.7	11.3	34	14.3	19.9				
Magnesium	7439-95-4	mg/kg	(1)	2510	2160	2850	2850	2710	2500	1340				
Manganese	7439-96-5	mg/kg	(1)	223	245	181	296	227	189 J	1790 J				
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.02 J	0.09 J				
Nickel	7440-02-0	mg/kg	(1)	12.7	11.4	12.7	13.2	12	5.02	5.44				
Potassium	7440-09-7	mg/kg	(1)	765	693	1120	1130	986						
Selenium	7782-49-2	mg/kg	(1)	0.65	0.62	0.55	0.34	0.37						
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	4.02	< 0.589 U	< 0.589 U	< 0.589 U	0.04 J	0.05 J				
Sodium	7440-23-5	mg/kg	(1)	337	333	341	301	327						
Strontium	7440-24-6	mg/kg	(1)	13.5	11.8	12.8	10.2	39						
Thallium	7440-28-0	mg/kg	(1)	0.16	0.14	0.13	< 0.1 U	< 0.1 U						
Titanium	7440-32-6	mg/kg	(1)	652	681	595	458	501						
Vanadium	7440-62-2	mg/kg	(1)	31.4	27.2	21	21.7	18.7						
Zinc	7440-66-6	mg/kg	(1)	34.6	22.7	49.1	41.9	58.9	577 J	208 J				
Zirconium	7440-67-7	mg/kg	(1)	7.99	7.8	4.38	3.28	4.25						
PCBs														
Aroclor 1016	12674-11-2	mg/kg	(1)								< 0.35 UD	< 0.036 U	< 0.41 UD	< 0.036 U

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-TP-001	J-2-TP-001	J-2-TP-002	J-2-TP-002	J-2-TP-002	J-4-SD-39	J-4-SD-40	J-B3517-S-1B	J-B3517-S-3B	J-B3517-SS-12	J-B3517-SS-13
			Sample Date	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996	1/30/1998	1/30/1998	8/9/2001	8/9/2001	4/4/2005	4/4/2005
			Depth Interval	2 - 2.5	4 - 4.5	2 - 2.5	3.5 - 4	5.5 - 6	0 - 1	0 - 1	2 - 3	2 - 3	0 - 1	1 - 2
			Sample ID	2TP-1B(2-2.5)	2TP-1C(4-4.5)	2TP-2A(2-2.5)	2TP-2B(3.5-4)	2TP-2C(5.5-6)	2SD-39(0-1)	2SD-40(0-1)	B3517-S-1B(2-3)	B3517-S-3B(2-3)	B3517SS-12(0-1)	B3517SS-13(1-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Aroclor 1221	11104-28-2	mg/kg	(1)								< 0.35 UD	< 0.036 U	< 0.41 UD	< 0.036 U
Aroclor 1232	11141-16-5	mg/kg	(1)								< 0.35 UD	< 0.036 U	< 0.41 UD	< 0.036 U
Aroclor 1242	53469-21-9	mg/kg	(1)								< 0.35 UD	< 0.036 U	< 0.41 UD	< 0.036 U
Aroclor 1248	12672-29-6	mg/kg	(1)								< 0.35 UD	< 0.036 U	< 0.41 UD	< 0.036 U
Aroclor 1254	11097-69-1	mg/kg	(1)								1.4 D	0.42	1.7 D	< 0.036 U
Aroclor 1260	11096-82-5	mg/kg	(1)								< 0.35 UD	< 0.036 U	< 0.41 UD	< 0.036 U
Pesticides														
Diazinon	333-41-5	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Malathion	121-75-5	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Mirex	2385-85-5	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
SVOC														
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						< 0.33 U	< 0.33 U				
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
2-Chloronaphthalene	91-58-7	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2-Chlorophenol	95-57-8	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
2-Methylnaphthalene	91-57-6	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2-Methylphenol	95-48-7	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
2-Nitroaniline	88-74-4	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
2-Nitrophenol	88-75-5	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						< 0.373514 UJ	< 2.35043 UJ				
3-Nitroaniline	99-09-2	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						< 1.131862 U	< 7.12251 U				
4-Chloroaniline	106-47-8	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
4-Methylphenol	106-44-5	mg/kg	(1)						< 0.747029 U#	< 4.70085 U#				
4-Nitroaniline	100-01-6	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
4-Nitrophenol	100-02-7	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
Acenaphthene	83-32-9	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Acenaphthylene	208-96-8	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Aniline	62-53-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Anthracene	120-12-7	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Benz(a)anthracene	56-55-3	mg/kg	(1)						< 0.373514 UJ	< 2.35043 UJ				
Benzo(a)pyrene	50-32-8	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Benzyl alcohol	100-51-6	mg/kg	(1)											
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						< 0.565931 U	< 3.56125 U				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						< 0.373514 UJ	0.39 J				
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						< 0.373514 UJ	< 2.35043 UJ				
Carbazole	86-74-8	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Chrysene	218-01-9	mg/kg	(1)						< 0.373514 UJ	< 2.35043 UJ				
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Dibenzofuran	132-64-9	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Diethylphthalate	84-66-2	mg/kg	(1)						0.13 J	< 2.35043 U				
Dimethylphthalate	131-11-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
di-n-Butylphthalate	84-74-2	mg/kg	(1)						< 0.373514 U	< 2.35043 U				

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-TP-001	J-2-TP-001	J-2-TP-002	J-2-TP-002	J-2-TP-002	J-4-SD-39	J-4-SD-40	J-B3517-S-1B	J-B3517-S-3B	J-B3517-SS-12	J-B3517-SS-13
			Sample Date	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996	1/30/1998	1/30/1998	8/9/2001	8/9/2001	4/4/2005	4/4/2005
			Depth Interval	2 - 2.5	4 - 4.5	2 - 2.5	3.5 - 4	5.5 - 6	0 - 1	0 - 1	2 - 3	2 - 3	0 - 1	1 - 2
			Sample ID	2TP-1B(2-2.5)	2TP-1C(4-4.5)	2TP-2A(2-2.5)	2TP-2B(3.5-4)	2TP-2C(5.5-6)	2SD-39(0-1)	2SD-40(0-1)	B3517-S-1B(2-3)	B3517-S-3B(2-3)	B3517SS-12(0-1)	B3517SS-13(1-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
di-n-Octylphthalate	117-84-0	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Diphenylamine	122-39-4	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Fluoranthene	206-44-0	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Fluorene	86-73-7	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Hexachlorobenzene	118-74-1	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Hexachlorobutadiene	87-68-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Hexachloroethane	67-72-1	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Isophorone	78-59-1	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Naphthalene	91-20-3	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Pentachlorophenol	87-86-5	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
Phenanthrene	85-01-8	mg/kg	(1)						< 0.373514 U	< 2.35043 U				
Phenol	108-95-2	mg/kg	(1)						< 0.747029 U	< 4.70085 U				
Pyrene	129-00-0	mg/kg	(1)						< 0.373514 UJ	< 2.35043 UJ				
TPH														
Diesel Fuel	68334-30-5	mg/kg	(1)											
Gasoline range organics	GRO	mg/kg	(1)											
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)						< 11.3186 U	< 71.225 U				
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)											
TRPH	TRPH	mg/kg	(1)						< 0.5 R	< 0.5 R				
VOC														
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
1,1-Dichloroethane	75-34-3	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
1,1-Dichloroethene	75-35-4	mg/kg	(1)						< 0.588308 (U)	< 0.83658 U				
1,2-Dichloroethane	107-06-2	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)											
1,2-Dichloropropane	78-87-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
2-Butanone	78-93-3	mg/kg	(1)						< 5.88308 U	< 8.365846 U				
2-Hexanone	591-78-6	mg/kg	(1)						< 5.88308 U	< 0.83658 U				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						< 5.88308 U	< 8.3658 U				
Acetone	67-64-1	mg/kg	(1)						< 5.88308 U	< 8.3658 U				
Acetonitrile	75-05-8	mg/kg	(1)											
Benzene	71-43-2	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Bromodichloromethane	75-27-4	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Bromoform	75-25-2	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Bromomethane	74-83-9	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Carbon disulfide	75-15-0	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Carbon tetrachloride	56-23-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Chlorobenzene	108-90-7	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Chloroethane	75-00-3	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Chloroform	67-66-3	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Chloromethane	74-87-3	mg/kg	(1)						< 0.588308 U	< 0.83658 UJ				
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Dibromochloromethane	124-48-1	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Ethanol	64-17-5	mg/kg	(1)											
Ethyl benzene	100-41-4	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Ethylene Oxide	75-21-8	mg/kg	(1)											
Isopropanol	67-63-0	mg/kg	(1)											
Methylene chloride	75-09-2	mg/kg	(1)						< 0.58831 U	< 8.365846 U				
Styrene	100-42-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
tert-Butylalcohol	75-65-0	mg/kg	(1)											

			Site Name	2	2	2	2	2	2	2	2	2	2	2
			Location ID	J-2-TP-001	J-2-TP-001	J-2-TP-002	J-2-TP-002	J-2-TP-002	J-4-SD-39	J-4-SD-40	J-B3517-S-1B	J-B3517-S-3B	J-B3517-SS-12	J-B3517-SS-13
			Sample Date	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996	1/30/1998	1/30/1998	8/9/2001	8/9/2001	4/4/2005	4/4/2005
			Depth Interval	2 - 2.5	4 - 4.5	2 - 2.5	3.5 - 4	5.5 - 6	0 - 1	0 - 1	2 - 3	2 - 3	0 - 1	1 - 2
			Sample ID	2TP-1B(2-2.5)	2TP-1C(4-4.5)	2TP-2A(2-2.5)	2TP-2B(3.5-4)	2TP-2C(5.5-6)	2SD-39(0-1)	2SD-40(0-1)	B3517-S-1B(2-3)	B3517-S-3B(2-3)	B3517SS-12(0-1)	B3517SS-13(1-2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**											
Tetrachloroethene	127-18-4	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Toluene	108-88-3	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Trichloroethene	79-01-6	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Trichlorofluoromethane	75-69-4	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Vinyl acetate	108-05-4	mg/kg	(1)											
Vinyl chloride	75-01-4	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
Xylenes	1330-20-7	mg/kg	(1)						< 0.588308 U	< 0.83658 U				
WetChem														
% Solids	%Solid	%	(1)								94.6	92.2	81	91.4
Ammonia	7664-41-7	mg/kg	(1)						26.1	25				
Chloride	16887-00-6	mg/kg	(1)						< 2.27 U	< 3.02 U				
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U						
Fluoride	16984-48-8	mg/kg	(1)						29.1	< 11.8 U				
Nitrate	14797-55-8	mg/kg	(1)						2.04	4.32				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)											
Nitrite	14797-65-0	mg/kg	(1)						< 1.13 U	< 1.51 U				
Phosphate	14265-44-2	mg/kg	(1)											
Phosphorus	7723-14-0	mg/kg	(1)						335	1100				
Sulfate	14808-79-8	mg/kg	(1)						< 11.3 U	18.4				
Sulfide	18496-25-8	mg/kg	(1)						< 2.62 U	< 3.7 U				
Total organic carbon	TOC	mg/kg	(1)											

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-14	J-B3517-SS-15	J-B3517-SS-16	J-B3517-SS-17	J-B3517-SS-18	J-B3517-SS-19	J-B3517-SS-1A	J-B3517-SS-1A	J-B3517-SS-20
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	4/4/2005
			Depth Interval	1 - 2	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-14(1-2)	B3517SS-15(1-2)	B3517SS-16(1-2)	B3517SS-17(0-1)	B3517SS-18(0-1)	B3517SS-19(0-1)	B3517SS-1ADUP(0-1)	B3517SS-1A(0-1)	B3517SS-20(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)									
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)									
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)									
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)									
2-Nitrotoluene	88-72-2	mg/kg	(1)									
3-Nitrotoluene	99-08-1	mg/kg	(1)									
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)									
4-Nitrotoluene	99-99-0	mg/kg	(1)									
Amino DNT's	TADNT	mg/kg	(1)									
HMX	2691-41-0	mg/kg	(1)									
Hydrazine	302-01-2	mg/kg	(1)									
Monomethyl hydrazine	60-34-4	mg/kg	(1)									
Nitrobenzene	98-95-3	mg/kg	(1)									
Nitrobenzene	98-95-3	mg/kg	(2)									
Nitrocellulose	9004-70-0	mg/kg	(1)									
Nitroglycerin	55-63-0	mg/kg	(1)									
Nitroguanidine	556-88-7	mg/kg	(1)									
PETN	78-11-5	mg/kg	(1)									
Picric Acid	88-89-1	mg/kg	(1)									
RDX	121-82-4	mg/kg	(1)									
Tetrazene	14097-21-3	mg/kg	(1)									
Tetryl	479-45-8	mg/kg	(1)									
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)									
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)									
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)									
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)									
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)									
Metals												
Aluminum	7429-90-5	mg/kg	(1)									
Antimony	7440-36-0	mg/kg	(1)									
Arsenic	7440-38-2	mg/kg	(1)									
Barium	7440-39-3	mg/kg	(1)									
Beryllium	7440-41-7	mg/kg	(1)									
Boron	7440-42-8	mg/kg	(1)									
Cadmium	7440-43-9	mg/kg	(1)									
Calcium	7440-70-2	mg/kg	(1)									
Chromium	7440-47-3	mg/kg	(1)									
Cobalt	7440-48-4	mg/kg	(1)									
Copper	7440-50-8	mg/kg	(1)									
Iron	7439-89-6	mg/kg	(1)									
Lead	7439-92-1	mg/kg	(1)									
Magnesium	7439-95-4	mg/kg	(1)									
Manganese	7439-96-5	mg/kg	(1)									
Mercury	7439-97-6	mg/kg	(1)									
Nickel	7440-02-0	mg/kg	(1)									
Potassium	7440-09-7	mg/kg	(1)									
Selenium	7782-49-2	mg/kg	(1)									
Silver	7440-22-4	mg/kg	(1)									
Sodium	7440-23-5	mg/kg	(1)									
Strontium	7440-24-6	mg/kg	(1)									
Thallium	7440-28-0	mg/kg	(1)									
Titanium	7440-32-6	mg/kg	(1)									
Vanadium	7440-62-2	mg/kg	(1)									
Zinc	7440-66-6	mg/kg	(1)									
Zirconium	7440-67-7	mg/kg	(1)									
PCBs												
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.077 UD	< 0.4 UD	< 0.035 U	< 0.035 U	< 0.77 UD

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-14	J-B3517-SS-15	J-B3517-SS-16	J-B3517-SS-17	J-B3517-SS-18	J-B3517-SS-19	J-B3517-SS-1A	J-B3517-SS-1A	J-B3517-SS-20
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	4/4/2005
			Depth Interval	1 - 2	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-14(1-2)	B3517SS-15(1-2)	B3517SS-16(1-2)	B3517SS-17(0-1)	B3517SS-18(0-1)	B3517SS-19(0-1)	B3517SS-1ADUP(0-1)	B3517SS-1A(0-1)	B3517SS-20(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.077 UD	< 0.4 UD	< 0.035 U	< 0.035 U	< 0.77 UD
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.077 UD	< 0.4 UD	< 0.035 U	< 0.035 U	< 0.77 UD
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.077 UD	< 0.4 UD	< 0.035 U	< 0.035 U	< 0.77 UD
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.037 U	< 0.036 U	< 0.038 U	< 0.039 U	< 0.077 UD	< 0.4 UD	< 0.035 U	< 0.035 U	< 0.77 UD
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.037 U	< 0.036 U	< 0.038 U	0.07	0.31 D	2.8 D	< 0.035 U	< 0.035 U	10 D
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.037 U	< 0.036 U	0.06	< 0.039 U	< 0.077 UD	< 0.4 UD	0.14	0.16	< 0.77 UD
Pesticides												
Diazinon	333-41-5	mg/kg	(1)									
Malathion	121-75-5	mg/kg	(1)									
Mirex	2385-85-5	mg/kg	(1)									
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)									
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)									
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)									
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)									
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)									
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)									
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)									
2,4-Dichlorophenol	120-83-2	mg/kg	(1)									
2,4-Dimethylphenol	105-67-9	mg/kg	(1)									
2,4-Dinitrophenol	51-28-5	mg/kg	(1)									
2-Chloronaphthalene	91-58-7	mg/kg	(1)									
2-Chlorophenol	95-57-8	mg/kg	(1)									
2-Methylnaphthalene	91-57-6	mg/kg	(1)									
2-Methylphenol	95-48-7	mg/kg	(1)									
2-Nitroaniline	88-74-4	mg/kg	(1)									
2-Nitrophenol	88-75-5	mg/kg	(1)									
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)									
3-Nitroaniline	99-09-2	mg/kg	(1)									
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)									
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)									
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)									
4-Chloroaniline	106-47-8	mg/kg	(1)									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)									
4-Methylphenol	106-44-5	mg/kg	(1)									
4-Nitroaniline	100-01-6	mg/kg	(1)									
4-Nitrophenol	100-02-7	mg/kg	(1)									
Acenaphthene	83-32-9	mg/kg	(1)									
Acenaphthylene	208-96-8	mg/kg	(1)									
Aniline	62-53-3	mg/kg	(1)									
Anthracene	120-12-7	mg/kg	(1)									
Benz(a)anthracene	56-55-3	mg/kg	(1)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)									
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)									
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)									
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)									
Benzyl alcohol	100-51-6	mg/kg	(1)									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)									
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)									
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)									
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)									
Butylbenzyl phthalate	85-68-7	mg/kg	(1)									
Carbazole	86-74-8	mg/kg	(1)									
Chrysene	218-01-9	mg/kg	(1)									
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)									
Dibenzofuran	132-64-9	mg/kg	(1)									
Diethylphthalate	84-66-2	mg/kg	(1)									
Dimethylphthalate	131-11-3	mg/kg	(1)									
di-n-Butylphthalate	84-74-2	mg/kg	(1)									

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-14	J-B3517-SS-15	J-B3517-SS-16	J-B3517-SS-17	J-B3517-SS-18	J-B3517-SS-19	J-B3517-SS-1A	J-B3517-SS-1A	J-B3517-SS-20
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	4/4/2005
			Depth Interval	1 - 2	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-14(1-2)	B3517SS-15(1-2)	B3517SS-16(1-2)	B3517SS-17(0-1)	B3517SS-18(0-1)	B3517SS-19(0-1)	B3517SS-1ADUP(0-1)	B3517SS-1A(0-1)	B3517SS-20(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
di-n-Octylphthalate	117-84-0	mg/kg	(1)									
Diphenylamine	122-39-4	mg/kg	(1)									
Fluoranthene	206-44-0	mg/kg	(1)									
Fluorene	86-73-7	mg/kg	(1)									
Hexachlorobenzene	118-74-1	mg/kg	(1)									
Hexachlorobutadiene	87-68-3	mg/kg	(1)									
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)									
Hexachloroethane	67-72-1	mg/kg	(1)									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)									
Isophorone	78-59-1	mg/kg	(1)									
Naphthalene	91-20-3	mg/kg	(1)									
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)									
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)									
Pentachlorophenol	87-86-5	mg/kg	(1)									
Phenanthrene	85-01-8	mg/kg	(1)									
Phenol	108-95-2	mg/kg	(1)									
Pyrene	129-00-0	mg/kg	(1)									
TPH												
Diesel Fuel	68334-30-5	mg/kg	(1)									
Gasoline range organics	GRO	mg/kg	(1)									
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)									
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)									
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)									
TRPH	TRPH	mg/kg	(1)									
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)									
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)									
1,1-Dichloroethane	75-34-3	mg/kg	(1)									
1,1-Dichloroethene	75-35-4	mg/kg	(1)									
1,2-Dichloroethane	107-06-2	mg/kg	(1)									
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)									
1,2-Dichloropropane	78-87-5	mg/kg	(1)									
2-Butanone	78-93-3	mg/kg	(1)									
2-Hexanone	591-78-6	mg/kg	(1)									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)									
Acetone	67-64-1	mg/kg	(1)									
Acetonitrile	75-05-8	mg/kg	(1)									
Benzene	71-43-2	mg/kg	(1)									
Bromodichloromethane	75-27-4	mg/kg	(1)									
Bromoform	75-25-2	mg/kg	(1)									
Bromomethane	74-83-9	mg/kg	(1)									
Carbon disulfide	75-15-0	mg/kg	(1)									
Carbon tetrachloride	56-23-5	mg/kg	(1)									
Chlorobenzene	108-90-7	mg/kg	(1)									
Chloroethane	75-00-3	mg/kg	(1)									
Chloroform	67-66-3	mg/kg	(1)									
Chloromethane	74-87-3	mg/kg	(1)									
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)									
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)									
Dibromochloromethane	124-48-1	mg/kg	(1)									
Dichlorodifluoromethane	75-71-8	mg/kg	(1)									
Ethanol	64-17-5	mg/kg	(1)									
Ethyl benzene	100-41-4	mg/kg	(1)									
Ethylene Oxide	75-21-8	mg/kg	(1)									
Isopropanol	67-63-0	mg/kg	(1)									
Methylene chloride	75-09-2	mg/kg	(1)									
Styrene	100-42-5	mg/kg	(1)									
tert-Butylalcohol	75-65-0	mg/kg	(1)									

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-14	J-B3517-SS-15	J-B3517-SS-16	J-B3517-SS-17	J-B3517-SS-18	J-B3517-SS-19	J-B3517-SS-1A	J-B3517-SS-1A	J-B3517-SS-20
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	4/4/2005
			Depth Interval	1 - 2	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-14(1-2)	B3517SS-15(1-2)	B3517SS-16(1-2)	B3517SS-17(0-1)	B3517SS-18(0-1)	B3517SS-19(0-1)	B3517SS-1ADUP(0-1)	B3517SS-1A(0-1)	B3517SS-20(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Tetrachloroethene	127-18-4	mg/kg	(1)									
Toluene	108-88-3	mg/kg	(1)									
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)									
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)									
Trichloroethene	79-01-6	mg/kg	(1)									
Trichlorofluoromethane	75-69-4	mg/kg	(1)									
Vinyl acetate	108-05-4	mg/kg	(1)									
Vinyl chloride	75-01-4	mg/kg	(1)									
Xylenes	1330-20-7	mg/kg	(1)									
WetChem												
% Solids	%Solid	%	(1)	88.8	90.6	87.7	85	85.4	82.4	94.3	93.3	86.1
Ammonia	7664-41-7	mg/kg	(1)									
Chloride	16887-00-6	mg/kg	(1)									
Cyanide	57-12-5	mg/kg	(1)									
Fluoride	16984-48-8	mg/kg	(1)									
Nitrate	14797-55-8	mg/kg	(1)									
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)									
Nitrite	14797-65-0	mg/kg	(1)									
Phosphate	14265-44-2	mg/kg	(1)									
Phosphorus	7723-14-0	mg/kg	(1)									
Sulfate	14808-79-8	mg/kg	(1)									
Sulfide	18496-25-8	mg/kg	(1)									
Total organic carbon	TOC	mg/kg	(1)									

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-21	J-B3517-SS-22	J-B3517-SS-23	J-B3517-SS-24	J-B3517-SS-2A	J-B3517-SS-3A	J-B3517-SS-4A	J-B3517-SS-5A	J-B3517-SS-6A
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	8/9/2001	8/9/2001	8/9/2001
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-21(0-1)	B3517SS-22(0-1)	B3517SS-23(0-1)	B3517SS-24(0-1)	B3517SS-2A(0-1)	B3517SS-3A(0-1)	B3517SS-4A(0-1)	B3517SS-5A(0-1)	B3517SS-6A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)									
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)									
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)									
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)									
2-Nitrotoluene	88-72-2	mg/kg	(1)									
3-Nitrotoluene	99-08-1	mg/kg	(1)									
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)									
4-Nitrotoluene	99-99-0	mg/kg	(1)									
Amino DNT's	TADNT	mg/kg	(1)									
HMX	2691-41-0	mg/kg	(1)									
Hydrazine	302-01-2	mg/kg	(1)									
Monomethyl hydrazine	60-34-4	mg/kg	(1)									
Nitrobenzene	98-95-3	mg/kg	(1)									
Nitrobenzene	98-95-3	mg/kg	(2)									
Nitrocellulose	9004-70-0	mg/kg	(1)									
Nitroglycerin	55-63-0	mg/kg	(1)									
Nitroguanidine	556-88-7	mg/kg	(1)									
PETN	78-11-5	mg/kg	(1)									
Picric Acid	88-89-1	mg/kg	(1)									
RDX	121-82-4	mg/kg	(1)									
Tetrazene	14097-21-3	mg/kg	(1)									
Tetryl	479-45-8	mg/kg	(1)									
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)									
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)									
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)									
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)									
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)									
Metals												
Aluminum	7429-90-5	mg/kg	(1)									
Antimony	7440-36-0	mg/kg	(1)									
Arsenic	7440-38-2	mg/kg	(1)									
Barium	7440-39-3	mg/kg	(1)									
Beryllium	7440-41-7	mg/kg	(1)									
Boron	7440-42-8	mg/kg	(1)									
Cadmium	7440-43-9	mg/kg	(1)									
Calcium	7440-70-2	mg/kg	(1)									
Chromium	7440-47-3	mg/kg	(1)									
Cobalt	7440-48-4	mg/kg	(1)									
Copper	7440-50-8	mg/kg	(1)									
Iron	7439-89-6	mg/kg	(1)									
Lead	7439-92-1	mg/kg	(1)									
Magnesium	7439-95-4	mg/kg	(1)									
Manganese	7439-96-5	mg/kg	(1)									
Mercury	7439-97-6	mg/kg	(1)									
Nickel	7440-02-0	mg/kg	(1)									
Potassium	7440-09-7	mg/kg	(1)									
Selenium	7782-49-2	mg/kg	(1)									
Silver	7440-22-4	mg/kg	(1)									
Sodium	7440-23-5	mg/kg	(1)									
Strontium	7440-24-6	mg/kg	(1)									
Thallium	7440-28-0	mg/kg	(1)									
Titanium	7440-32-6	mg/kg	(1)									
Vanadium	7440-62-2	mg/kg	(1)									
Zinc	7440-66-6	mg/kg	(1)									
Zirconium	7440-67-7	mg/kg	(1)									
PCBs												
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.38 UD	< 0.037 U	< 0.2 UD	< 0.75 UD	< 0.035 U	< 0.35 UD	< 0.36 UD	< 0.35 UD	< 1.8 UD

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-21	J-B3517-SS-22	J-B3517-SS-23	J-B3517-SS-24	J-B3517-SS-2A	J-B3517-SS-3A	J-B3517-SS-4A	J-B3517-SS-5A	J-B3517-SS-6A
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	8/9/2001	8/9/2001	8/9/2001
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-21(0-1)	B3517SS-22(0-1)	B3517SS-23(0-1)	B3517SS-24(0-1)	B3517SS-2A(0-1)	B3517SS-3A(0-1)	B3517SS-4A(0-1)	B3517SS-5A(0-1)	B3517SS-6A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.38 UD	< 0.037 U	< 0.2 UD	< 0.75 UD	< 0.035 U	< 0.35 UD	< 0.36 UD	< 0.35 UD	< 1.8 UD
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.38 UD	< 0.037 U	< 0.2 UD	< 0.75 UD	< 0.035 U	< 0.35 UD	< 0.36 UD	< 0.35 UD	< 1.8 UD
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.38 UD	< 0.037 U	< 0.2 UD	< 0.75 UD	< 0.035 U	< 0.35 UD	< 0.36 UD	< 0.35 UD	< 1.8 UD
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.38 UD	< 0.037 U	< 0.2 UD	< 0.75 UD	< 0.035 U	< 0.35 UD	< 0.36 UD	< 0.35 UD	< 1.8 UD
Aroclor 1254	11097-69-1	mg/kg	(1)	1.9 D	< 0.037 U	0.62 D	< 0.75 UD	< 0.035 U	< 0.35 UD	< 0.36 UD	< 0.35 UD	9.5 D
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.38 UD	0.01 J	< 0.2 UD	5.5 D	0.11	1.9 D	2.1 D	2.4 D	< 1.8 UD
Pesticides												
Diazinon	333-41-5	mg/kg	(1)									
Malathion	121-75-5	mg/kg	(1)									
Mirex	2385-85-5	mg/kg	(1)									
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)									
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)									
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)									
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)									
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)									
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)									
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)									
2,4-Dichlorophenol	120-83-2	mg/kg	(1)									
2,4-Dimethylphenol	105-67-9	mg/kg	(1)									
2,4-Dinitrophenol	51-28-5	mg/kg	(1)									
2-Chloronaphthalene	91-58-7	mg/kg	(1)									
2-Chlorophenol	95-57-8	mg/kg	(1)									
2-Methylnaphthalene	91-57-6	mg/kg	(1)									
2-Methylphenol	95-48-7	mg/kg	(1)									
2-Nitroaniline	88-74-4	mg/kg	(1)									
2-Nitrophenol	88-75-5	mg/kg	(1)									
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)									
3-Nitroaniline	99-09-2	mg/kg	(1)									
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)									
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)									
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)									
4-Chloroaniline	106-47-8	mg/kg	(1)									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)									
4-Methylphenol	106-44-5	mg/kg	(1)									
4-Nitroaniline	100-01-6	mg/kg	(1)									
4-Nitrophenol	100-02-7	mg/kg	(1)									
Acenaphthene	83-32-9	mg/kg	(1)									
Acenaphthylene	208-96-8	mg/kg	(1)									
Aniline	62-53-3	mg/kg	(1)									
Anthracene	120-12-7	mg/kg	(1)									
Benz(a)anthracene	56-55-3	mg/kg	(1)									
Benzo(a)pyrene	50-32-8	mg/kg	(1)									
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)									
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)									
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)									
Benzyl alcohol	100-51-6	mg/kg	(1)									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)									
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)									
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)									
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)									
Butylbenzyl phthalate	85-68-7	mg/kg	(1)									
Carbazole	86-74-8	mg/kg	(1)									
Chrysene	218-01-9	mg/kg	(1)									
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)									
Dibenzofuran	132-64-9	mg/kg	(1)									
Diethylphthalate	84-66-2	mg/kg	(1)									
Dimethylphthalate	131-11-3	mg/kg	(1)									
di-n-Butylphthalate	84-74-2	mg/kg	(1)									

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-21	J-B3517-SS-22	J-B3517-SS-23	J-B3517-SS-24	J-B3517-SS-2A	J-B3517-SS-3A	J-B3517-SS-4A	J-B3517-SS-5A	J-B3517-SS-6A
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	8/9/2001	8/9/2001	8/9/2001
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-21(0-1)	B3517SS-22(0-1)	B3517SS-23(0-1)	B3517SS-24(0-1)	B3517SS-2A(0-1)	B3517SS-3A(0-1)	B3517SS-4A(0-1)	B3517SS-5A(0-1)	B3517SS-6A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
di-n-Octylphthalate	117-84-0	mg/kg	(1)									
Diphenylamine	122-39-4	mg/kg	(1)									
Fluoranthene	206-44-0	mg/kg	(1)									
Fluorene	86-73-7	mg/kg	(1)									
Hexachlorobenzene	118-74-1	mg/kg	(1)									
Hexachlorobutadiene	87-68-3	mg/kg	(1)									
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)									
Hexachloroethane	67-72-1	mg/kg	(1)									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)									
Isophorone	78-59-1	mg/kg	(1)									
Naphthalene	91-20-3	mg/kg	(1)									
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)									
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)									
Pentachlorophenol	87-86-5	mg/kg	(1)									
Phenanthrene	85-01-8	mg/kg	(1)									
Phenol	108-95-2	mg/kg	(1)									
Pyrene	129-00-0	mg/kg	(1)									
TPH												
Diesel Fuel	68334-30-5	mg/kg	(1)									
Gasoline range organics	GRO	mg/kg	(1)									
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)									
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)									
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)									
TRPH	TRPH	mg/kg	(1)									
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)									
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)									
1,1-Dichloroethane	75-34-3	mg/kg	(1)									
1,1-Dichloroethene	75-35-4	mg/kg	(1)									
1,2-Dichloroethane	107-06-2	mg/kg	(1)									
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)									
1,2-Dichloropropane	78-87-5	mg/kg	(1)									
2-Butanone	78-93-3	mg/kg	(1)									
2-Hexanone	591-78-6	mg/kg	(1)									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)									
Acetone	67-64-1	mg/kg	(1)									
Acetonitrile	75-05-8	mg/kg	(1)									
Benzene	71-43-2	mg/kg	(1)									
Bromodichloromethane	75-27-4	mg/kg	(1)									
Bromoform	75-25-2	mg/kg	(1)									
Bromomethane	74-83-9	mg/kg	(1)									
Carbon disulfide	75-15-0	mg/kg	(1)									
Carbon tetrachloride	56-23-5	mg/kg	(1)									
Chlorobenzene	108-90-7	mg/kg	(1)									
Chloroethane	75-00-3	mg/kg	(1)									
Chloroform	67-66-3	mg/kg	(1)									
Chloromethane	74-87-3	mg/kg	(1)									
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)									
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)									
Dibromochloromethane	124-48-1	mg/kg	(1)									
Dichlorodifluoromethane	75-71-8	mg/kg	(1)									
Ethanol	64-17-5	mg/kg	(1)									
Ethyl benzene	100-41-4	mg/kg	(1)									
Ethylene Oxide	75-21-8	mg/kg	(1)									
Isopropanol	67-63-0	mg/kg	(1)									
Methylene chloride	75-09-2	mg/kg	(1)									
Styrene	100-42-5	mg/kg	(1)									
tert-Butylalcohol	75-65-0	mg/kg	(1)									

			Site Name	2	2	2	2	2	2	2	2	2
			Location ID	J-B3517-SS-21	J-B3517-SS-22	J-B3517-SS-23	J-B3517-SS-24	J-B3517-SS-2A	J-B3517-SS-3A	J-B3517-SS-4A	J-B3517-SS-5A	J-B3517-SS-6A
			Sample Date	4/4/2005	4/4/2005	4/4/2005	4/4/2005	8/9/2001	8/9/2001	8/9/2001	8/9/2001	8/9/2001
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-21(0-1)	B3517SS-22(0-1)	B3517SS-23(0-1)	B3517SS-24(0-1)	B3517SS-2A(0-1)	B3517SS-3A(0-1)	B3517SS-4A(0-1)	B3517SS-5A(0-1)	B3517SS-6A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**									
Tetrachloroethene	127-18-4	mg/kg	(1)									
Toluene	108-88-3	mg/kg	(1)									
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)									
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)									
Trichloroethene	79-01-6	mg/kg	(1)									
Trichlorofluoromethane	75-69-4	mg/kg	(1)									
Vinyl acetate	108-05-4	mg/kg	(1)									
Vinyl chloride	75-01-4	mg/kg	(1)									
Xylenes	1330-20-7	mg/kg	(1)									
WetChem												
% Solids	%Solid	%	(1)	87	88.1	83.1	87.4	93.2	93.9	92.1	93.4	92.4
Ammonia	7664-41-7	mg/kg	(1)									
Chloride	16887-00-6	mg/kg	(1)									
Cyanide	57-12-5	mg/kg	(1)									
Fluoride	16984-48-8	mg/kg	(1)									
Nitrate	14797-55-8	mg/kg	(1)									
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)									
Nitrite	14797-65-0	mg/kg	(1)									
Phosphate	14265-44-2	mg/kg	(1)									
Phosphorus	7723-14-0	mg/kg	(1)									
Sulfate	14808-79-8	mg/kg	(1)									
Sulfide	18496-25-8	mg/kg	(1)									
Total organic carbon	TOC	mg/kg	(1)									

			Site Name	2	2	2
			Location ID	J-B3517-SS-7A	J-B3517-SS-8A	J-B3517-SS-9A
			Sample Date	2/18/2002	2/18/2002	2/18/2002
			Depth Interval	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-7A(0-1)	B3517SS-8A(0-1)	B3517SS-9A(0-1)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)			
2-Nitrotoluene	88-72-2	mg/kg	(1)			
3-Nitrotoluene	99-08-1	mg/kg	(1)			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)			
4-Nitrotoluene	99-99-0	mg/kg	(1)			
Amino DNT's	TADNT	mg/kg	(1)			
HMX	2691-41-0	mg/kg	(1)			
Hydrazine	302-01-2	mg/kg	(1)			
Monomethyl hydrazine	60-34-4	mg/kg	(1)			
Nitrobenzene	98-95-3	mg/kg	(1)			
Nitrobenzene	98-95-3	mg/kg	(2)			
Nitrocellulose	9004-70-0	mg/kg	(1)			
Nitroglycerin	55-63-0	mg/kg	(1)			
Nitroguanidine	556-88-7	mg/kg	(1)			
PETN	78-11-5	mg/kg	(1)			
Picric Acid	88-89-1	mg/kg	(1)			
RDX	121-82-4	mg/kg	(1)			
Tetrazene	14097-21-3	mg/kg	(1)			
Tetryl	479-45-8	mg/kg	(1)			
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)			
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)			
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)			
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)			
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)			
Metals						
Aluminum	7429-90-5	mg/kg	(1)			
Antimony	7440-36-0	mg/kg	(1)			
Arsenic	7440-38-2	mg/kg	(1)			
Barium	7440-39-3	mg/kg	(1)			
Beryllium	7440-41-7	mg/kg	(1)			
Boron	7440-42-8	mg/kg	(1)			
Cadmium	7440-43-9	mg/kg	(1)			
Calcium	7440-70-2	mg/kg	(1)			
Chromium	7440-47-3	mg/kg	(1)			
Cobalt	7440-48-4	mg/kg	(1)			
Copper	7440-50-8	mg/kg	(1)			
Iron	7439-89-6	mg/kg	(1)			
Lead	7439-92-1	mg/kg	(1)			
Magnesium	7439-95-4	mg/kg	(1)			
Manganese	7439-96-5	mg/kg	(1)			
Mercury	7439-97-6	mg/kg	(1)			
Nickel	7440-02-0	mg/kg	(1)			
Potassium	7440-09-7	mg/kg	(1)			
Selenium	7782-49-2	mg/kg	(1)			
Silver	7440-22-4	mg/kg	(1)			
Sodium	7440-23-5	mg/kg	(1)			
Strontium	7440-24-6	mg/kg	(1)			
Thallium	7440-28-0	mg/kg	(1)			
Titanium	7440-32-6	mg/kg	(1)			
Vanadium	7440-62-2	mg/kg	(1)			
Zinc	7440-66-6	mg/kg	(1)			
Zirconium	7440-67-7	mg/kg	(1)			
PCBs						
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.037 U	< 0.038 U	< 0.04 U

			Site Name	2	2	2
			Location ID	J-B3517-SS-7A	J-B3517-SS-8A	J-B3517-SS-9A
			Sample Date	2/18/2002	2/18/2002	2/18/2002
			Depth Interval	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-7A(0-1)	B3517SS-8A(0-1)	B3517SS-9A(0-1)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.037 U	< 0.038 U	< 0.04 U
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.037 U	< 0.038 U	< 0.04 U
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.037 U	< 0.038 U	< 0.04 U
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.037 U	< 0.038 U	< 0.04 U
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.037 U	< 0.038 U	< 0.04 U
Aroclor 1260	11096-82-5	mg/kg	(1)	0.26	0.03 J	< 0.04 U
Pesticides						
Diazinon	333-41-5	mg/kg	(1)			
Malathion	121-75-5	mg/kg	(1)			
Mirex	2385-85-5	mg/kg	(1)			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)			
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)			
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)			
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)			
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)			
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)			
2,4-Dichlorophenol	120-83-2	mg/kg	(1)			
2,4-Dimethylphenol	105-67-9	mg/kg	(1)			
2,4-Dinitrophenol	51-28-5	mg/kg	(1)			
2-Chloronaphthalene	91-58-7	mg/kg	(1)			
2-Chlorophenol	95-57-8	mg/kg	(1)			
2-Methylnaphthalene	91-57-6	mg/kg	(1)			
2-Methylphenol	95-48-7	mg/kg	(1)			
2-Nitroaniline	88-74-4	mg/kg	(1)			
2-Nitrophenol	88-75-5	mg/kg	(1)			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)			
3-Nitroaniline	99-09-2	mg/kg	(1)			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)			
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)			
4-Chloroaniline	106-47-8	mg/kg	(1)			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)			
4-Methylphenol	106-44-5	mg/kg	(1)			
4-Nitroaniline	100-01-6	mg/kg	(1)			
4-Nitrophenol	100-02-7	mg/kg	(1)			
Acenaphthene	83-32-9	mg/kg	(1)			
Acenaphthylene	208-96-8	mg/kg	(1)			
Aniline	62-53-3	mg/kg	(1)			
Anthracene	120-12-7	mg/kg	(1)			
Benz(a)anthracene	56-55-3	mg/kg	(1)			
Benzo(a)pyrene	50-32-8	mg/kg	(1)			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)			
Benzyl alcohol	100-51-6	mg/kg	(1)			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)			
Butylbenzyl phthalate	85-68-7	mg/kg	(1)			
Carbazole	86-74-8	mg/kg	(1)			
Chrysene	218-01-9	mg/kg	(1)			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)			
Dibenzofuran	132-64-9	mg/kg	(1)			
Diethylphthalate	84-66-2	mg/kg	(1)			
Dimethylphthalate	131-11-3	mg/kg	(1)			
di-n-Butylphthalate	84-74-2	mg/kg	(1)			

			Site Name	2	2	2
			Location ID	J-B3517-SS-7A	J-B3517-SS-8A	J-B3517-SS-9A
			Sample Date	2/18/2002	2/18/2002	2/18/2002
			Depth Interval	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-7A(0-1)	B3517SS-8A(0-1)	B3517SS-9A(0-1)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
di-n-Octylphthalate	117-84-0	mg/kg	(1)			
Diphenylamine	122-39-4	mg/kg	(1)			
Fluoranthene	206-44-0	mg/kg	(1)			
Fluorene	86-73-7	mg/kg	(1)			
Hexachlorobenzene	118-74-1	mg/kg	(1)			
Hexachlorobutadiene	87-68-3	mg/kg	(1)			
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)			
Hexachloroethane	67-72-1	mg/kg	(1)			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)			
Isophorone	78-59-1	mg/kg	(1)			
Naphthalene	91-20-3	mg/kg	(1)			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)			
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)			
Pentachlorophenol	87-86-5	mg/kg	(1)			
Phenanthrene	85-01-8	mg/kg	(1)			
Phenol	108-95-2	mg/kg	(1)			
Pyrene	129-00-0	mg/kg	(1)			
TPH						
Diesel Fuel	68334-30-5	mg/kg	(1)			
Gasoline range organics	GRO	mg/kg	(1)			
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)			
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)			
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)			
TRPH	TRPH	mg/kg	(1)			
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)			
1,1-Dichloroethane	75-34-3	mg/kg	(1)			
1,1-Dichloroethene	75-35-4	mg/kg	(1)			
1,2-Dichloroethane	107-06-2	mg/kg	(1)			
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)			
1,2-Dichloropropane	78-87-5	mg/kg	(1)			
2-Butanone	78-93-3	mg/kg	(1)			
2-Hexanone	591-78-6	mg/kg	(1)			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)			
Acetone	67-64-1	mg/kg	(1)			
Acetonitrile	75-05-8	mg/kg	(1)			
Benzene	71-43-2	mg/kg	(1)			
Bromodichloromethane	75-27-4	mg/kg	(1)			
Bromoform	75-25-2	mg/kg	(1)			
Bromomethane	74-83-9	mg/kg	(1)			
Carbon disulfide	75-15-0	mg/kg	(1)			
Carbon tetrachloride	56-23-5	mg/kg	(1)			
Chlorobenzene	108-90-7	mg/kg	(1)			
Chloroethane	75-00-3	mg/kg	(1)			
Chloroform	67-66-3	mg/kg	(1)			
Chloromethane	74-87-3	mg/kg	(1)			
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)			
Dibromochloromethane	124-48-1	mg/kg	(1)			
Dichlorodifluoromethane	75-71-8	mg/kg	(1)			
Ethanol	64-17-5	mg/kg	(1)			
Ethyl benzene	100-41-4	mg/kg	(1)			
Ethylene Oxide	75-21-8	mg/kg	(1)			
Isopropanol	67-63-0	mg/kg	(1)			
Methylene chloride	75-09-2	mg/kg	(1)			
Styrene	100-42-5	mg/kg	(1)			
tert-Butylalcohol	75-65-0	mg/kg	(1)			

			Site Name	2	2	2
			Location ID	J-B3517-SS-7A	J-B3517-SS-8A	J-B3517-SS-9A
			Sample Date	2/18/2002	2/18/2002	2/18/2002
			Depth Interval	0 - 1	0 - 1	0 - 1
			Sample ID	B3517SS-7A(0-1)	B3517SS-8A(0-1)	B3517SS-9A(0-1)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Tetrachloroethene	127-18-4	mg/kg	(1)			
Toluene	108-88-3	mg/kg	(1)			
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)			
Trichloroethene	79-01-6	mg/kg	(1)			
Trichlorofluoromethane	75-69-4	mg/kg	(1)			
Vinyl acetate	108-05-4	mg/kg	(1)			
Vinyl chloride	75-01-4	mg/kg	(1)			
Xylenes	1330-20-7	mg/kg	(1)			
WetChem						
% Solids	%Solid	%	(1)	88.6	87.3	82.5
Ammonia	7664-41-7	mg/kg	(1)			
Chloride	16887-00-6	mg/kg	(1)			
Cyanide	57-12-5	mg/kg	(1)			
Fluoride	16984-48-8	mg/kg	(1)			
Nitrate	14797-55-8	mg/kg	(1)			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)			
Nitrite	14797-65-0	mg/kg	(1)			
Phosphate	14265-44-2	mg/kg	(1)			
Phosphorus	7723-14-0	mg/kg	(1)			
Sulfate	14808-79-8	mg/kg	(1)			
Sulfide	18496-25-8	mg/kg	(1)			
Total organic carbon	TOC	mg/kg	(1)			

		Site Name	30	30	30	30	30	30	30
		Location ID	I-30-SB-001	I-30-SB-001A	I-30-SB-001A	I-30-SB-001A	I-30-SS-001A	I-30-SS-002A	I-30-SS-003A
		Sample Date	5/8/1996	6/10/1996	6/10/1996	6/10/1996	12/18/1995	12/18/1995	12/18/1995
		Depth Interval	10 - 12	0 - 1	5 - 7	10 - 12	0 - 1	0 - 1	0 - 1
		Sample ID	30SB-1C(10-12)	30SB-1AA(0-1)	30SB-1AB(5-7)	30SB-1AC(10-12)	30SS-1A(0-1)	30SS-2A(0-1)	30SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Hydrazine	302-01-2	mg/kg	< 0.0516 U	< 0.0516 U	< 0.0516 U	< 0.0516 U			
Monomethyl hydrazine	60-34-4	mg/kg	< 0.0492 U	< 0.0492 U	< 0.0492 U	< 0.0492 U			
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U		< 10.4 UJ	< 10.4 UJ	< 10.4 UJ
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U		< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	0.44	< 0.108 U		< 0.108 UJ	< 0.108 U	< 0.108 UJ
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R		< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	< 0.055 U	< 0.055 U	< 0.055 U	< 0.055 U			
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals									
Aluminum	7429-90-5	mg/kg	13300	15700	13700		13100	9170	12400
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U		1.19	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	5.83	3.92	3.4		130	17.7	7.41
Barium	7440-39-3	mg/kg	55	59.6	58.7		81.8	37.4	43.3
Beryllium	7440-41-7	mg/kg	0.85	0.84	0.92		0.82	< 0.5 U	0.64
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	< 5.91 U		< 5.91 U	< 5.91 U	7.94
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	1260	795	702		1910	1330	1280
Chromium	7440-47-3	mg/kg	29.8	21.5	16.4		17.6	14	16.6
Cobalt	7440-48-4	mg/kg	11.7	9.38	10.3		7.45	9.4	10.2
Copper	7440-50-8	mg/kg	30.8	20.1	22.8		24.4	18.7	18.8
Iron	7439-89-6	mg/kg	23000	20000	19300		18500	15400	17800
Lead	7439-92-1	mg/kg	22.4	6.35	4		216	13.6	7.07
Magnesium	7439-95-4	mg/kg	2650	2520	2330		2440	3710	3100
Manganese	7439-96-5	mg/kg	272	283	210		329	211	209
Mercury	7439-97-6	mg/kg	< 0.05 U	< 0.05 U	< 0.05 U		0.09	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	18.6	16.1	14.7		12.9	16.2	14.3
Potassium	7440-09-7	mg/kg	1040	989	1060		707	1150	955
Selenium	7782-49-2	mg/kg	1.13	1.5	1.15		< 0.25 U	< 0.25 U	< 0.25 U
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U		< 0.589 UJ	< 0.589 UJ	< 0.589 UJ
Sodium	7440-23-5	mg/kg	342	408	371		221	246	293
Strontium	7440-24-6	mg/kg	13.2	5.26	4.5		25.5	9.15	6.7
Thallium	7440-28-0	mg/kg	0.18	0.14	0.12		0.3	0.17	0.14
Titanium	7440-32-6	mg/kg	691	659	525		905	857	764
Vanadium	7440-62-2	mg/kg	29.8	28.8	25.8		30.9	21	29.4
Zinc	7440-66-6	mg/kg	51.3	61.3	32.5		83.7	38.2	26.8
Zirconium	7440-67-7	mg/kg	6.94	4.38	4.08		4.81	4.76	4.45

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	30 I-30-SB-001 5/8/1996 10 - 12 30SB-1C(10-12) SO	30 I-30-SB-001A 6/10/1996 0 - 1 30SB-1AA(0-1) SO	30 I-30-SB-001A 6/10/1996 5 - 7 30SB-1AB(5-7) SO	30 I-30-SB-001A 6/10/1996 10 - 12 30SB-1AC(10-12) SO	30 I-30-SS-001A 12/18/1995 0 - 1 30SS-1A(0-1) SO	30 I-30-SS-002A 12/18/1995 0 - 1 30SS-2A(0-1) SO	30 I-30-SS-003A 12/18/1995 0 - 1 30SS-3A(0-1) SO
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U		< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U		< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U		< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U		< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U		< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U		< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U		< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U		< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U		< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U		< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U		< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U		< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#		< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U		< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U		< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	0.12		4	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U		< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	0.33		9	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	0.94		20	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	1.1		20	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	1.1		20	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	1		7	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.12	< 0.066 U	0.52		10	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U		< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	1.9	< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U		3 J	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	0.18	< 0.12 U	1.8		20	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	0.27		< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	0.05		2	< 0.035 U	< 0.035 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	30 / I-30-SB-001 / 5/8/1996 / 10 - 12 / 30SB-1C(10-12) / SO / mg/kg	30 / I-30-SB-001A / 6/10/1996 / 0 - 1 / 30SB-1AA(0-1) / SO / mg/kg	30 / I-30-SB-001A / 6/10/1996 / 5 - 7 / 30SB-1AB(5-7) / SO / mg/kg	30 / I-30-SB-001A / 6/10/1996 / 10 - 12 / 30SB-1AC(10-12) / SO / mg/kg	30 / I-30-SS-001A / 12/18/1995 / 0 - 1 / 30SS-1A(0-1) / SO / mg/kg	30 / I-30-SS-002A / 12/18/1995 / 0 - 1 / 30SS-2A(0-1) / SO / mg/kg	30 / I-30-SS-003A / 12/18/1995 / 0 - 1 / 30SS-3A(0-1) / SO / mg/kg
SVOC (continued)									
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U		< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	0.21	< 0.068 U	2.3		40	< 0.068 U	0.1
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	0.1		4	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U		< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	0.72		9	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U		< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.05	< 0.033 U	1.4		40	< 0.033 U	0.06
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	0.28	< 0.033 U	2.5		40	< 0.033 U	0.12
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U

		Site Name	30	30	30	30	30	30	30
		Location ID	I-30-SB-001	I-30-SB-001A	I-30-SB-001A	I-30-SB-001A	I-30-SS-001A	I-30-SS-002A	I-30-SS-003A
		Sample Date	5/8/1996	6/10/1996	6/10/1996	6/10/1996	12/18/1995	12/18/1995	12/18/1995
		Depth Interval	10 - 12	0 - 1	5 - 7	10 - 12	0 - 1	0 - 1	0 - 1
		Sample ID	30SB-1C(10-12)	30SB-1AA(0-1)	30SB-1AB(5-7)	30SB-1AC(10-12)	30SS-1A(0-1)	30SS-2A(0-1)	30SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
VOC (continued)									
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg		< 0.3 U	< 0.3 U				
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U				< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.66	0.01	0.6	0.01	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Ammonia	7664-41-7	mg/kg	63.2	23.4	17.7		82.3	63.2	30.6
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U		< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U		< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	9.08	8.13	6.5		10.9	7.85	16.7
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	< 0.6 U		1.2	1.41	< 0.6 U
Phosphate	14265-44-2	mg/kg	410	340	440		470	640	620
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U		< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	< 6 U		< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	30 / I-30-SS-004 / 5/4/2001 / 0 - 1 / 30SS-4A(0-1) / SO	30 / I-30-SS-005 / 5/4/2001 / 0 - 1 / 30SS-5A(0-1) / SO	30 / I-30-SS-006 / 2/13/2002 / 0 - 1 / 30SS-6(0-1) / SO	30 / I-30-SS-007 / 2/13/2002 / 0 - 1 / 30SS-7(0-1) / SO	30 / I-30-SS-008 / 2/13/2002 / 0 - 1 / 30SS-8(0-1) / SO
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					
1,3-Dinitrobenzene	99-65-0	mg/kg					
2,4,6-Trinitrotoluene	118-96-7	mg/kg					
HMX	2691-41-0	mg/kg					
Hydrazine	302-01-2	mg/kg					
Monomethyl hydrazine	60-34-4	mg/kg					
Nitrobenzene	98-95-3	mg/kg	< 0.77 UD	< 1.3 UD			
Nitrocellulose	9004-70-0	mg/kg					
Nitroglycerin	55-63-0	mg/kg					
Nitroguanidine	556-88-7	mg/kg					
PETN	78-11-5	mg/kg					
Picric Acid	88-89-1	mg/kg					
RDX	121-82-4	mg/kg					
Tetrazene	14097-21-3	mg/kg					
Tetryl	479-45-8	mg/kg					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.77 UD	< 1.3 UD			
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.77 UD	< 1.3 UD			
Metals							
Aluminum	7429-90-5	mg/kg					
Antimony	7440-36-0	mg/kg					
Arsenic	7440-38-2	mg/kg	23.1 J	23.1 J	14.8 J	8 J	33.2 J
Barium	7440-39-3	mg/kg					
Beryllium	7440-41-7	mg/kg					
Boron	7440-42-8	mg/kg					
Cadmium	7440-43-9	mg/kg					
Calcium	7440-70-2	mg/kg					
Chromium	7440-47-3	mg/kg					
Cobalt	7440-48-4	mg/kg					
Copper	7440-50-8	mg/kg					
Iron	7439-89-6	mg/kg					
Lead	7439-92-1	mg/kg					
Magnesium	7439-95-4	mg/kg					
Manganese	7439-96-5	mg/kg					
Mercury	7439-97-6	mg/kg					
Nickel	7440-02-0	mg/kg					
Potassium	7440-09-7	mg/kg					
Selenium	7782-49-2	mg/kg					
Silver	7440-22-4	mg/kg					
Sodium	7440-23-5	mg/kg					
Strontium	7440-24-6	mg/kg					
Thallium	7440-28-0	mg/kg					
Titanium	7440-32-6	mg/kg					
Vanadium	7440-62-2	mg/kg					
Zinc	7440-66-6	mg/kg					
Zirconium	7440-67-7	mg/kg					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	30 / I-30-SS-004 / 5/4/2001 / 0 - 1 / 30SS-4A(0-1) / SO	30 / I-30-SS-005 / 5/4/2001 / 0 - 1 / 30SS-5A(0-1) / SO	30 / I-30-SS-006 / 2/13/2002 / 0 - 1 / 30SS-6(0-1) / SO	30 / I-30-SS-007 / 2/13/2002 / 0 - 1 / 30SS-7(0-1) / SO	30 / I-30-SS-008 / 2/13/2002 / 0 - 1 / 30SS-8(0-1) / SO
Pesticides							
Mirex	2385-85-5	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.77 UD	< 1.3 UD			
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.77 UD	< 1.3 UD			
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.77 UD	< 1.3 UD			
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.77 UD	< 1.3 UD			
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.77 UD	< 1.3 UD			
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.77 UD	< 1.3 UD			
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.77 UD	< 1.3 UD			
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.77 UD	< 1.3 UD			
2,4-Dinitrophenol	51-28-5	mg/kg	< 3.7 UD	< 6.2 UD			
2-Chloronaphthalene	91-58-7	mg/kg	< 0.77 UD	< 1.3 UD			
2-Chlorophenol	95-57-8	mg/kg	< 0.77 UD	< 1.3 UD			
2-Methylnaphthalene	91-57-6	mg/kg	1.2 D	< 1.3 UD			
2-Methylphenol	95-48-7	mg/kg	< 0.77 UD	< 1.3 UD			
2-Nitroaniline	88-74-4	mg/kg	< 3.7 UD	< 6.2 UD			
2-Nitrophenol	88-75-5	mg/kg	< 0.77 UD	< 1.3 UD			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 3.7 UD	< 6.2 UD			
3-Nitroaniline	99-09-2	mg/kg	< 3.7 UD	< 6.2 UD			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 3.7 UD	< 6.2 UD			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.77 UD	< 1.3 UD			
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.77 UD	< 1.3 UD			
4-Chloroaniline	106-47-8	mg/kg	< 0.77 UD	< 1.3 UD			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.77 UD	< 1.3 UD			
4-Methylphenol	106-44-5	mg/kg	< 0.77 UD#	< 1.3 UD#			
4-Nitroaniline	100-01-6	mg/kg	< 3.7 UD	< 6.2 UD			
4-Nitrophenol	100-02-7	mg/kg	< 3.7 UD	< 6.2 UD			
Acenaphthene	83-32-9	mg/kg	1.6 D	< 1.3 UD	0.37 JD	< 0.41 U	< 0.38 U
Acenaphthylene	208-96-8	mg/kg	< 0.77 UD	< 1.3 UD	< 1.7 UD	< 0.41 U	< 0.38 U
Aniline	62-53-3	mg/kg	< 0.77 UD	< 1.3 UD			
Anthracene	120-12-7	mg/kg	2.1 D	0.84 JD	1.2 JD	0.08 J	0.12 J
Benz(a)anthracene	56-55-3	mg/kg	7.2 D	2.7 D	4.5 D	0.45	0.34 J
Benzo(a)pyrene	50-32-8	mg/kg	8.4 D	3.1 D	5.3 D	0.55	0.38
Benzo(b)fluoranthene	205-99-2	mg/kg	9.7 D	3.7 D	6.4 D	0.64	0.39
Benzo(g,h,i)perylene	191-24-2	mg/kg	3.9 D	1.8 D	3.2 D	0.33 J	0.25 J
Benzo(k)fluoranthene	207-08-9	mg/kg	5.5 D	1.6 D	3.3 D	0.4 J	0.26 J
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.77 UD	< 1.3 UD			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.77 UD	< 1.3 UD			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.77 UD	< 1.3 UD			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.77 UD	< 1.3 UD			
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.77 UD	< 1.3 UD			
Carbazole	86-74-8	mg/kg	1.4 D	< 1.3 UD			
Chrysene	218-01-9	mg/kg	9.5 D	3.3 D	6.5 D	0.71	0.49
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.99 D	0.48 JD	0.92 JD	0.09 J	0.06 J
Dibenzofuran	132-64-9	mg/kg	1.5 D	< 1.3 UD			

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	30 / I-30-SS-004 / 5/4/2001 / 0 - 1 / 30SS-4A(0-1) / SO /	30 / I-30-SS-005 / 5/4/2001 / 0 - 1 / 30SS-5A(0-1) / SO /	30 / I-30-SS-006 / 2/13/2002 / 0 - 1 / 30SS-6(0-1) / SO /	30 / I-30-SS-007 / 2/13/2002 / 0 - 1 / 30SS-7(0-1) / SO /	30 / I-30-SS-008 / 2/13/2002 / 0 - 1 / 30SS-8(0-1) / SO /
SVOC (continued)							
Diethylphthalate	84-66-2	mg/kg	< 0.77 UD	< 1.3 UD			
Dimethylphthalate	131-11-3	mg/kg	< 0.77 UD	< 1.3 UD			
di-n-Butylphthalate	84-74-2	mg/kg	< 0.77 UD	< 1.3 UD			
di-n-Octylphthalate	117-84-0	mg/kg	< 0.77 UD	< 1.3 UD			
Diphenylamine	122-39-4	mg/kg	< 0.77 UD	< 1.3 UD			
Fluoranthene	206-44-0	mg/kg	22 D	10 D	16 D	1.2	0.9
Fluorene	86-73-7	mg/kg	1.9 D	< 1.3 UD	0.66 JD	0.06 J	0.07 J
Hexachlorobenzene	118-74-1	mg/kg	< 0.77 UD	< 1.3 UD			
Hexachlorobutadiene	87-68-3	mg/kg	< 0.77 UD	< 1.3 UD			
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 3.7 UD	< 6.2 UD			
Hexachloroethane	67-72-1	mg/kg	< 0.77 UD	< 1.3 UD			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	3.5 D	1.6 D	2.9 D	0.33 J	0.22 J
Isophorone	78-59-1	mg/kg	< 0.77 UD	< 1.3 UD			
Naphthalene	91-20-3	mg/kg	2.8 D	< 1.3 UD	< 1.7 UD	< 0.41 U	< 0.38 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.77 UD	< 1.3 UD			
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.77 UD	< 1.3 UD			
Pentachlorophenol	87-86-5	mg/kg	< 0.77 UD	< 1.3 UD			
Phenanthrene	85-01-8	mg/kg	27 D	3.9 D	6.3 D	0.51	0.47
Phenol	108-95-2	mg/kg	< 0.77 UD	< 1.3 UD			
Pyrene	129-00-0	mg/kg	19 D	9.4 D	14 D	1.1	0.85
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					
2-Butanone	78-93-3	mg/kg					
2-Hexanone	591-78-6	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acetonitrile	75-05-8	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon disulfide	75-15-0	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
cis-1,3-Dichloropropene	10061-01-5	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dichlorodifluoromethane	75-71-8	mg/kg					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	30 I-30-SS-004 5/4/2001 0 - 1 30SS-4A(0-1) SO	30 I-30-SS-005 5/4/2001 0 - 1 30SS-5A(0-1) SO	30 I-30-SS-006 2/13/2002 0 - 1 30SS-6(0-1) SO	30 I-30-SS-007 2/13/2002 0 - 1 30SS-7(0-1) SO	30 I-30-SS-008 2/13/2002 0 - 1 30SS-8(0-1) SO
VOC (continued)							
Ethanol	64-17-5	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Ethylene Oxide	75-21-8	mg/kg					
Isopropanol	67-63-0	mg/kg					
Methylene chloride	75-09-2	mg/kg					
Styrene	100-42-5	mg/kg					
tert-Butylalcohol	75-65-0	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
trans-1,3-Dichloropropene	10061-02-6	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl acetate	108-05-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%	85.4	86.6	75.8	80.4	86.1
Ammonia	7664-41-7	mg/kg					
Chloride	16887-00-6	mg/kg					
Cyanide	57-12-5	mg/kg					
Fluoride	16984-48-8	mg/kg					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg					
Phosphate	14265-44-2	mg/kg					
Sulfate	14808-79-8	mg/kg					
Sulfide	18496-25-8	mg/kg					

Table A-XX: Historic Analytical Results for Soil Samples at PICA 162/Site 6

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	6 / L-6-MW-005 / 6/22/1999 / 4 - 6 / 6MW-5A(4-6) / SO	6 / L-6-SB-B9 / 11/7/2001 / 5 - 7 / 6SB-B9(5-7) / SO	6 / L-6-SB-E7 / 11/7/2001 / 5 - 7 / 6SB-E7(5-7) / SO	6 / L-6-SB-F13 / 11/7/2001 / 5 - 7 / 6SB-F13(5-7) / SO
Alcohol							
Ethylene glycol	107-21-1	mg/kg	(1)	< 0.011 U			
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U			
HMX	2691-41-0	mg/kg	(1)	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(2)	< 0.36 U			
RDX	121-82-4	mg/kg	(1)	< 0.25 U			
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U			
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.36 U			
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.25 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.36 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.25 U			
Metals							
Aluminum	7429-90-5	mg/kg	(1)	7160			
Antimony	7440-36-0	mg/kg	(1)	< 1.1 UJ			
Arsenic	7440-38-2	mg/kg	(1)	3.1			
Barium	7440-39-3	mg/kg	(1)	36.4			
Beryllium	7440-41-7	mg/kg	(1)	0.56			
Cadmium	7440-43-9	mg/kg	(1)	< 0.22 U			
Calcium	7440-70-2	mg/kg	(1)	1540			
Chromium	7440-47-3	mg/kg	(1)	9.9 J			
Cobalt	7440-48-4	mg/kg	(1)	8.6 J			
Copper	7440-50-8	mg/kg	(1)	14.6			
Iron	7439-89-6	mg/kg	(1)	14100 J			
Lead	7439-92-1	mg/kg	(1)	5.3 J			
Magnesium	7439-95-4	mg/kg	(1)	2060			
Manganese	7439-96-5	mg/kg	(1)	469			
Mercury	7439-97-6	mg/kg	(1)	0.02 J			
Nickel	7440-02-0	mg/kg	(1)	11.9			
Potassium	7440-09-7	mg/kg	(1)	600 J			
Selenium	7782-49-2	mg/kg	(1)	< 0.55 U			
Silver	7440-22-4	mg/kg	(1)	< 0.55 U			
Sodium	7440-23-5	mg/kg	(1)	118 J			
Thallium	7440-28-0	mg/kg	(1)	< 1.1 U			
Vanadium	7440-62-2	mg/kg	(1)	17.2 J			
Zinc	7440-66-6	mg/kg	(1)	24			
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.59 U			
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.36 U			
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.36 U			
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.36 U			
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.36 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.36 U			

Table A-XX: Historic Analytical Results for Soil Samples at PICA 162/Site 6

Chemical Name	CAS No	Unit	Site Name	6	6	6	6
			Location ID	L-6-MW-005	L-6-SB-B9	L-6-SB-E7	L-6-SB-F13
			Sample Date	6/22/1999	11/7/2001	11/7/2001	11/7/2001
			Depth Interval	4 - 6	5 - 7	5 - 7	5 - 7
			Sample ID	6MW-5A(4-6)	6SB-B9(5-7)	6SB-E7(5-7)	6SB-F13(5-7)
			Sample Matrix	SO	SO	SO	SO
			ValueNo				
SVOC (continued)							
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.36 U			
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.36 U			
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.36 U			
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.8 U			
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.36 U			
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.36 U			
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.36 U			
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.36 U			
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.8 U			
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.36 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.8 U			
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.8 U			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.8 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.36 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.36 U			
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.36 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.36 U			
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.36 U#			
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.8 U			
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.8 U			
Acenaphthene	83-32-9	mg/kg	(1)	< 0.36 U			
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.36 U			
Aniline	62-53-3	mg/kg	(1)	< 0.36 U			
Anthracene	120-12-7	mg/kg	(1)	< 0.36 U			
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.36 U			
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.36 U			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.36 U			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.36 U			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.36 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.36 U			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.36 U			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.36 U			
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.36 U			
Carbazole	86-74-8	mg/kg	(1)	< 0.36 U			
Chrysene	218-01-9	mg/kg	(1)	< 0.36 U			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.36 U			
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.36 U			
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.36 U			
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.36 U			
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.36 U			
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.36 U			
Diphenylamine	122-39-4	mg/kg	(1)	< 0.36 U			
Fluoranthene	206-44-0	mg/kg	(1)	< 0.36 U			
Fluorene	86-73-7	mg/kg	(1)	< 0.36 U			
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.36 U			
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.36 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.8 UJ			
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.36 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.36 U			
Isophorone	78-59-1	mg/kg	(1)	< 0.36 U			
Naphthalene	91-20-3	mg/kg	(1)	< 0.36 U			

Table A-XX: Historic Analytical Results for Soil Samples at PICA 162/Site 6

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	6 / L-6-MW-005 / 6/22/1999 / 4 - 6 / 6MW-5A(4-6) / SO	6 / L-6-SB-B9 / 11/7/2001 / 5 - 7 / 6SB-B9(5-7) / SO	6 / L-6-SB-E7 / 11/7/2001 / 5 - 7 / 6SB-E7(5-7) / SO	6 / L-6-SB-F13 / 11/7/2001 / 5 - 7 / 6SB-F13(5-7) / SO
SVOC (continued)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.36 U			
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.36 U			
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.36 UJ			
Phenanthrene	85-01-8	mg/kg	(1)	< 0.36 U			
Phenol	108-95-2	mg/kg	(1)	< 0.36 U			
Pyrene	129-00-0	mg/kg	(1)	< 0.36 U			
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.59 U			
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.59 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.59 U			
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.59 U			
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.59 U			
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.59 U			
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 (U)	< 0.57 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.59 U			
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
2-Butanone	78-93-3	mg/kg	(1)	< 12 (U)			
2-Butanone	78-93-3	mg/kg-wetweight	(1)		< 10 (U)J	< 10 (U)J	< 11 U
2-Hexanone	591-78-6	mg/kg	(1)	< 5.9 U			
2-Hexanone	591-78-6	mg/kg-wetweight	(1)		< 5.2 U	< 5.2 U	< 5.7 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 5.9 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)		< 5.2 U	< 5.2 U	< 5.7 U
Acetone	67-64-1	mg/kg	(1)	< 12 (U)			
Acetone	67-64-1	mg/kg-wetweight	(1)		< 10 (U)J	< 10 (U)J	< 11 (U)J
Acetonitrile	75-05-8	mg/kg	(1)	< 24 R			
Acetonitrile	75-05-8	mg/kg-wetweight	(1)		< 21 R	< 21 R	< 23 R
Benzene	71-43-2	mg/kg	(1)	< 0.59 U			
Benzene	71-43-2	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.59 U			
Bromoform	75-25-2	mg/kg	(1)	< 0.59 U			
Bromoform	75-25-2	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Bromomethane	74-83-9	mg/kg	(1)	< 1.2 R			
Bromomethane	74-83-9	mg/kg-wetweight	(1)		< 1 UJ	< 1 UJ	< 1.1 UJ
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.59 U			
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.59 U			
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.59 U			
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Chloroethane	75-00-3	mg/kg	(1)	< 1.2 U			
Chloroethane	75-00-3	mg/kg-wetweight	(1)		< 1 UJ	< 1 UJ	< 1.1 UJ
Chloroform	67-66-3	mg/kg	(1)	< 0.59 U			
Chloroform	67-66-3	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Chloromethane	74-87-3	mg/kg	(1)	< 1.2 U			
Chloromethane	74-87-3	mg/kg-wetweight	(1)		< 1 UJ	< 1 UJ	< 1.1 UJ
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.59 U			

Table A-XX: Historic Analytical Results for Soil Samples at PICA 162/Site 6

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	6 L-6-MW-005 6/22/1999 4 - 6 6MW-5A(4-6) SO	6 L-6-SB-B9 11/7/2001 5 - 7 6SB-B9(5-7) SO	6 L-6-SB-E7 11/7/2001 5 - 7 6SB-E7(5-7) SO	6 L-6-SB-F13 11/7/2001 5 - 7 6SB-F13(5-7) SO
VOC (continued)							
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.59 U			
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.59 U			
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.2 U			
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)		< 1 UJ	< 1 UJ	< 1.1 UJ
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.59 U			
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.59 U			
Methylene chloride	75-09-2	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Styrene	100-42-5	mg/kg	(1)	< 0.59 U			
Styrene	100-42-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)		0.58	< 0.52 U	< 0.57 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.59 U			
Tetrahydrofuran	109-99-9	mg/kg	(1)	< 2.8 U			
Toluene	108-88-3	mg/kg	(1)	< 0.59 U			
Toluene	108-88-3	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.59 U			
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.59 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.59 U			
Trichloroethene	79-01-6	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U			
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.2 U			
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)		< 1 U	< 1 U	< 1.1 U
Xylenes	1330-20-7	mg/kg-wetweight	(1)		< 0.52 U	< 0.52 U	< 0.57 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.59 U			
WetChem							
Ammonia	7664-41-7	mg/kg	(1)	< 1.814 (U)			
Chloride	16887-00-6	mg/kg	(1)	20.5			
Cyanide	57-12-5	mg/kg	(1)	< 0.55 U			
Fluoride	16984-48-8	mg/kg	(1)	2.3 J			
Nitrate	14797-55-8	mg/kg	(1)	< 4.535 U			
Nitrite	14797-65-0	mg/kg	(1)	< 4.535 U			
Phosphorus	7723-14-0	mg/kg	(1)	230 D			
Sulfate	14808-79-8	mg/kg	(1)	8.9 J			
Sulfide	18496-25-8	mg/kg	(1)	< 55 U			

Historic Analytical Results for Groundwater Samples at PICA 050/Site 3

			Site Name	3	3	3	3	3
			Location ID	K-3-HP-001	K-3-HP-002	K-3-HP-003	K-3-HP-005	K-3-HP-009
			Sample Date	3/1/2000	2/29/2000	3/1/2000	3/1/2000	2/29/2000
			Depth Interval	0 - 5	4 - 8	2 - 3	0 - 7	0 - 4
			Sample ID	3HP-1(20000301)	3HP-2(20000229)	3HP-3(20000301)	3HP-5(20000301)	3HP-9(20000229)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.3 UJ	< 0.3 U	< 0.3 U	< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
HMX	2691-41-0	ug/L	(1)	5.3	< 1 UJ	< 1 U	< 1 U	< 1 U
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
Nitrobenzene	98-95-3	ug/L	(2)					< 10 U
Nitrocellulose	9004-70-0	ug/L	(1)					
Nitroglycerin	55-63-0	ug/L	(1)					< 0.65 U
Nitroguanidine	556-88-7	ug/L	(1)					
Perchlorate	14797-73-0	ug/L	(1)					
PETN	78-11-5	ug/L	(1)					< 1 U
Picric Acid	88-89-1	ug/L	(1)					
RDX	121-82-4	ug/L	(1)	12	< 0.8 UJ	< 0.8 U	< 0.8 U	< 0.8 U
Tetrazene	14097-21-3	ug/L	(1)					
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U	< 0.1 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 0.3 UJ	< 0.3 U	< 0.3 U	< 10 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					< 0.3 U
Isotope								
Radium-228	15262-20-1	pCi/L	(1)					< 0.93 U
Metals								
Aluminum	7429-90-5	ug/L	(1)					40600 J
Antimony	7440-36-0	ug/L	(1)					< 60 U
Arsenic	7440-38-2	ug/L	(1)					12 J
Barium	7440-39-3	ug/L	(1)					220 J
Beryllium	7440-41-7	ug/L	(1)					< 5 U
Boron	7440-42-8	ug/L	(1)					
Cadmium	7440-43-9	ug/L	(1)					< 5 U
Calcium	7440-70-2	ug/L	(1)					66100 J
Chromium	7440-47-3	ug/L	(1)					58 J
Cobalt	7440-48-4	ug/L	(1)					33 J

			Site Name	3	3	3	3	3
			Location ID	K-3-HP-001	K-3-HP-002	K-3-HP-003	K-3-HP-005	K-3-HP-009
			Sample Date	3/1/2000	2/29/2000	3/1/2000	3/1/2000	2/29/2000
			Depth Interval	0 - 5	4 - 8	2 - 3	0 - 7	0 - 4
			Sample ID	3HP-1(20000301)	3HP-2(20000229)	3HP-3(20000301)	3HP-5(20000301)	3HP-9(20000229)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Copper	7440-50-8	ug/L	(1)					78 J
Iron	7439-89-6	ug/L	(1)					66600 J
Lead	7439-92-1	ug/L	(1)					46 J
Magnesium	7439-95-4	ug/L	(1)					16100 J
Manganese	7439-96-5	ug/L	(1)					3400
Mercury	7439-97-6	ug/L	(1)					< 0.2 U
Nickel	7440-02-0	ug/L	(1)					41 J
Potassium	7440-09-7	ug/L	(1)					7700 J
Selenium	7782-49-2	ug/L	(1)					< 5 U
Silver	7440-22-4	ug/L	(1)					< 10 U
Sodium	7440-23-5	ug/L	(1)					23100
Strontium	7440-24-6	ug/L	(1)					
Thallium	7440-28-0	ug/L	(1)					5.7 J
Titanium	7440-32-6	ug/L	(1)					
Vanadium	7440-62-2	ug/L	(1)					94 J
Zinc	7440-66-6	ug/L	(1)					140 J
Zirconium	7440-67-7	ug/L	(1)					
PCBs								
Aroclor 1016	12674-11-2	ug/L	(1)					
Aroclor 1221	11104-28-2	ug/L	(1)					
Aroclor 1232	11141-16-5	ug/L	(1)					
Aroclor 1242	53469-21-9	ug/L	(1)					
Aroclor 1248	12672-29-6	ug/L	(1)					
Aroclor 1254	11097-69-1	ug/L	(1)					
Aroclor 1260	11096-82-5	ug/L	(1)					
Pesticides								
4,4'-DDD	72-54-8	ug/L	(1)					
4,4'-DDE	72-55-9	ug/L	(1)					
4,4'-DDT	50-29-3	ug/L	(1)					
Aldrin	309-00-2	ug/L	(1)					
alpha-BHC	319-84-6	ug/L	(1)					
alpha-Chlordane	5103-71-9	ug/L	(1)					
beta-BHC	319-85-7	ug/L	(1)					
delta-BHC	319-86-8	ug/L	(1)					
Diazinon	333-41-5	ug/L	(1)					
Dieldrin	60-57-1	ug/L	(1)					
Endosulfan I	959-98-8	ug/L	(1)					
Endosulfan II	33213-65-9	ug/L	(1)					
Endosulfan sulfate	1031-07-8	ug/L	(1)					

			Site Name	3	3	3	3	3
			Location ID	K-3-HP-001	K-3-HP-002	K-3-HP-003	K-3-HP-005	K-3-HP-009
			Sample Date	3/1/2000	2/29/2000	3/1/2000	3/1/2000	2/29/2000
			Depth Interval	0 - 5	4 - 8	2 - 3	0 - 7	0 - 4
			Sample ID	3HP-1(20000301)	3HP-2(20000229)	3HP-3(20000301)	3HP-5(20000301)	3HP-9(20000229)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Endrin	72-20-8	ug/L	(1)					
Endrin aldehyde	7421-93-4	ug/L	(1)					
Endrin ketone	53494-70-5	ug/L	(1)					
gamma-BHC (Lindane)	58-89-9	ug/L	(1)					
gamma-Chlordane	5103-74-2	ug/L	(1)					
Heptachlor	76-44-8	ug/L	(1)					
Heptachlor epoxide	1024-57-3	ug/L	(1)					
Isodrin	465-73-6	ug/L	(1)					
Malathion	121-75-5	ug/L	(1)					
Methoxychlor	72-43-5	ug/L	(1)					
Mirex	2385-85-5	ug/L	(1)					
Toxaphene	8001-35-2	ug/L	(1)					
Radiological								
Americium-241	86954-36-1	pCi/L	(1)					< 18 U
Cesium-137	10045-97-3	pCi/L	(1)					< 19 U
Cobalt-60	10198-40-0	pCi/L	(1)					< 19 U
Gross alpha	12587-46-1	pCi/L	(1)					
Gross beta	12587-47-2	pCi/L	(1)					
Radium-226	13982-63-3	pCi/L	(1)					0.41 J
Total Uranium	7440-61-1 U	ug/L	(1)					
Uranium-235	15117-96-1	pCi/L	(1)					
Uranium-238	7440-61-1 U-238	pCi/L	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)					< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)					< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)					< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)					< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)					< 10 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)					< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)					< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)					< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)					< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)					< 50 U
2-Chloronaphthalene	91-58-7	ug/L	(1)					< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)					< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)					< 10 U
2-Methylphenol	95-48-7	ug/L	(1)					< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)					< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)					< 10 U

			Site Name	3	3	3	3	3
			Location ID	K-3-HP-001	K-3-HP-002	K-3-HP-003	K-3-HP-005	K-3-HP-009
			Sample Date	3/1/2000	2/29/2000	3/1/2000	3/1/2000	2/29/2000
			Depth Interval	0 - 5	4 - 8	2 - 3	0 - 7	0 - 4
			Sample ID	3HP-1(20000301)	3HP-2(20000229)	3HP-3(20000301)	3HP-5(20000301)	3HP-9(20000229)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)					< 50 U
3-Nitroaniline	99-09-2	ug/L	(1)					< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)					< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)					< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)					< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)					< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)					< 10 U
4-Methylphenol	106-44-5	ug/L	(1)					< 10 U
4-Nitroaniline	100-01-6	ug/L	(1)					< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)					< 50 U
Acenaphthene	83-32-9	ug/L	(1)					< 10 U
Acenaphthylene	208-96-8	ug/L	(1)					< 10 U
Aniline	62-53-3	ug/L	(1)					< 10 U
Anthracene	120-12-7	ug/L	(1)					< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)					< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)					< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)					< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)					< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)					< 10 U
Benzoic Acid	65-85-0	ug/L	(1)					
Benzyl alcohol	100-51-6	ug/L	(1)					
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)					< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)					< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)					< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)					< 10 UJ
Butylbenzyl phthalate	85-68-7	ug/L	(1)					< 10 UJ
Carbazole	86-74-8	ug/L	(1)					< 10 U
Chrysene	218-01-9	ug/L	(1)					< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)					< 10 U
Dibenzofuran	132-64-9	ug/L	(1)					< 10 U
Diethylphthalate	84-66-2	ug/L	(1)					< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)					< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)					< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)					< 10 U
Diphenylamine	122-39-4	ug/L	(1)					< 10 U
Fluoranthene	206-44-0	ug/L	(1)					< 10 U
Fluorene	86-73-7	ug/L	(1)					< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)					< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)					< 10 U

			Site Name	3	3	3	3	3
			Location ID	K-3-HP-001	K-3-HP-002	K-3-HP-003	K-3-HP-005	K-3-HP-009
			Sample Date	3/1/2000	2/29/2000	3/1/2000	3/1/2000	2/29/2000
			Depth Interval	0 - 5	4 - 8	2 - 3	0 - 7	0 - 4
			Sample ID	3HP-1(20000301)	3HP-2(20000229)	3HP-3(20000301)	3HP-5(20000301)	3HP-9(20000229)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)					< 50 U
Hexachloroethane	67-72-1	ug/L	(1)					< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)					< 10 U
Isophorone	78-59-1	ug/L	(1)					< 10 U
Naphthalene	91-20-3	ug/L	(1)					< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)					< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)					< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)					< 10 U
Phenanthrene	85-01-8	ug/L	(1)					< 10 U
Phenol	108-95-2	ug/L	(1)					< 10 U
Pyrene	129-00-0	ug/L	(1)					< 10 U
TPH								
Diesel Range Organics	DRO	ug/L	(1)					
Gasoline range organics	GRO	ug/L	(1)					
TPH, aviation gas fraction	50815-00-4	ug/L	(1)					
TRPH	TRPH	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	ug/L	(1)					< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)					< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)					< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)					< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)					< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)					< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)					
1,2-Dichloropropane	78-87-5	ug/L	(1)					< 1 U
2-Butanone	78-93-3	ug/L	(1)					< 10 U
2-Hexanone	591-78-6	ug/L	(1)					< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)					< 10 U
Acetone	67-64-1	ug/L	(1)					< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)					< 20 R
Benzene	71-43-2	ug/L	(1)					< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)					< 1 U
Bromoform	75-25-2	ug/L	(1)					< 1 U
Bromomethane	74-83-9	ug/L	(1)					< 2 U
Carbon disulfide	75-15-0	ug/L	(1)					< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)					< 1 U
Chlorobenzene	108-90-7	ug/L	(1)					< 1 U
Chloroethane	75-00-3	ug/L	(1)					< 2 U
Chloroform	67-66-3	ug/L	(1)					< 1 U

			Site Name	3	3	3	3	3
			Location ID	K-3-HP-001	K-3-HP-002	K-3-HP-003	K-3-HP-005	K-3-HP-009
			Sample Date	3/1/2000	2/29/2000	3/1/2000	3/1/2000	2/29/2000
			Depth Interval	0 - 5	4 - 8	2 - 3	0 - 7	0 - 4
			Sample ID	3HP-1(20000301)	3HP-2(20000229)	3HP-3(20000301)	3HP-5(20000301)	3HP-9(20000229)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Chloromethane	74-87-3	ug/L	(1)					< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)					< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)					< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)					< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)					< 2 U
Ethanol	64-17-5	ug/L	(1)					
Ethyl benzene	100-41-4	ug/L	(1)					< 1 U
Isopropanol	67-63-0	ug/L	(1)					
Methylene chloride	75-09-2	ug/L	(1)					< 1 U
Styrene	100-42-5	ug/L	(1)					< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)					
Tetrachloroethene	127-18-4	ug/L	(1)					< 1 U
Toluene	108-88-3	ug/L	(1)					< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)					< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)					< 1 U
Trichloroethene	79-01-6	ug/L	(1)					< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)					< 2 U
Vinyl acetate	108-05-4	ug/L	(1)					
Vinyl chloride	75-01-4	ug/L	(1)					< 2 U
Xylenes	1330-20-7	ug/L	(1)					< 1 U
WetChem								
Ammonia	7664-41-7	ug/L	(1)					1000
Chloride	16887-00-6	ug/L	(1)					10700
Cyanide	57-12-5	ug/L	(1)					
Fluoride	16984-48-8	ug/L	(1)					290 J
Nitrate	14797-55-8	ug/L	(1)					< 500 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)					
Nitrite	14797-65-0	ug/L	(1)					< 500 U
Phosphate	14265-44-2	ug/L	(1)					
Phosphorus	7723-14-0	ug/L	(1)					< 100 UJ
Sulfate	14808-79-8	ug/L	(1)					8000
Sulfide	18496-25-8	ug/L	(1)					< 500 U

			Site Name	3	3	3	3
			Location ID	K-3-HP-009	K-3-MW-001	K-3-MW-001	K-3-MW-001
			Sample Date	2/29/2000	10/30/1996	10/30/1996	5/24/2000
			Depth Interval	0 - 4	14.11 - 24.11	14.11 - 24.11	15 - 25
			Sample ID	3HP-9DUP(20000229)	3MW-1(19961030)	3MW-1DUP(19961030)	3MW-1(20000524)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.449 U		< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.611 U		< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.635 U		< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U			< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U			< 1 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U			< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U			< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U			< 1 U
HMX	2691-41-0	ug/L	(1)	< 1 U	< 1.21 U		< 1 U
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U	< 0.645 U		< 1 U
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U			
Nitrocellulose	9004-70-0	ug/L	(1)		< 553 U		
Nitroglycerin	55-63-0	ug/L	(1)		< 10 U		
Nitroguanidine	556-88-7	ug/L	(1)		< 30.9 U		
Perchlorate	14797-73-0	ug/L	(1)				< 5 U
PETN	78-11-5	ug/L	(1)		< 20 U		
Picric Acid	88-89-1	ug/L	(1)		< 0.27 U		
RDX	121-82-4	ug/L	(1)	< 0.8 U	< 1.17 U		< 0.8 U
Tetrazene	14097-21-3	ug/L	(1)		< 40 U		
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1.56 U		< 1 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	< 0.0637 U		< 0.1 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 0.0738 U		< 0.3 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U			
Isotope							
Radium-228	15262-20-1	pCi/L	(1)	< 0.86 U			
Metals							
Aluminum	7429-90-5	ug/L	(1)	120000 J	641		
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 1 U		
Arsenic	7440-38-2	ug/L	(1)	38 J	< 1 U		
Barium	7440-39-3	ug/L	(1)	550 J	13.7		
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U		
Boron	7440-42-8	ug/L	(1)		< 50 U		
Cadmium	7440-43-9	ug/L	(1)	< 5 U	< 3.01 U		
Calcium	7440-70-2	ug/L	(1)	133000 J	14200		
Chromium	7440-47-3	ug/L	(1)	220 J	< 6.96 U		
Cobalt	7440-48-4	ug/L	(1)	93 J	< 50 U		

			Site Name	3	3	3	3
			Location ID	K-3-HP-009	K-3-MW-001	K-3-MW-001	K-3-MW-001
			Sample Date	2/29/2000	10/30/1996	10/30/1996	5/24/2000
			Depth Interval	0 - 4	14.11 - 24.11	14.11 - 24.11	15 - 25
			Sample ID	3HP-9DUP(20000229)	3MW-1(19961030)	3MW-1DUP(19961030)	3MW-1(20000524)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Copper	7440-50-8	ug/L	(1)	230 J	< 5 U		
Iron	7439-89-6	ug/L	(1)	170000 J	946		
Lead	7439-92-1	ug/L	(1)	130 J	< 1 U		
Magnesium	7439-95-4	ug/L	(1)	27000 J	5570		
Manganese	7439-96-5	ug/L	(1)	4600	45.1		
Mercury	7439-97-6	ug/L	(1)	0.11 J	< 0.243 U		
Nickel	7440-02-0	ug/L	(1)	120 J	< 7.11 U		
Potassium	7440-09-7	ug/L	(1)	13400 J	< 1000 U		
Selenium	7782-49-2	ug/L	(1)	4.6 J	< 2 U		
Silver	7440-22-4	ug/L	(1)	< 10 U	< 4.42 U		
Sodium	7440-23-5	ug/L	(1)	21400	6150		
Strontium	7440-24-6	ug/L	(1)		37.8		
Thallium	7440-28-0	ug/L	(1)	8 J	< 1 U		
Titanium	7440-32-6	ug/L	(1)		2.75		
Vanadium	7440-62-2	ug/L	(1)	260 J	< 4.69 U		
Zinc	7440-66-6	ug/L	(1)	380 J	< 35.8 U		
Zirconium	7440-67-7	ug/L	(1)		< 1 U		
PCBs							
Aroclor 1016	12674-11-2	ug/L	(1)		< 0.16 U		
Aroclor 1221	11104-28-2	ug/L	(1)		< 0.16 UT		
Aroclor 1232	11141-16-5	ug/L	(1)		< 0.16 UT		
Aroclor 1242	53469-21-9	ug/L	(1)		< 0.19 UT		
Aroclor 1248	12672-29-6	ug/L	(1)		< 0.19 UT		
Aroclor 1254	11097-69-1	ug/L	(1)		< 0.19 UT		
Aroclor 1260	11096-82-5	ug/L	(1)		< 0.19 U		
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)				
4,4'-DDE	72-55-9	ug/L	(1)				
4,4'-DDT	50-29-3	ug/L	(1)				
Aldrin	309-00-2	ug/L	(1)				
alpha-BHC	319-84-6	ug/L	(1)				
alpha-Chlordane	5103-71-9	ug/L	(1)				
beta-BHC	319-85-7	ug/L	(1)				
delta-BHC	319-86-8	ug/L	(1)				
Diazinon	333-41-5	ug/L	(1)				
Dieldrin	60-57-1	ug/L	(1)				
Endosulfan I	959-98-8	ug/L	(1)				
Endosulfan II	33213-65-9	ug/L	(1)				
Endosulfan sulfate	1031-07-8	ug/L	(1)				

			Site Name	3	3	3	3
			Location ID	K-3-HP-009	K-3-MW-001	K-3-MW-001	K-3-MW-001
			Sample Date	2/29/2000	10/30/1996	10/30/1996	5/24/2000
			Depth Interval	0 - 4	14.11 - 24.11	14.11 - 24.11	15 - 25
			Sample ID	3HP-9DUP(20000229)	3MW-1(19961030)	3MW-1DUP(19961030)	3MW-1(20000524)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Endrin	72-20-8	ug/L	(1)				
Endrin aldehyde	7421-93-4	ug/L	(1)				
Endrin ketone	53494-70-5	ug/L	(1)				
gamma-BHC (Lindane)	58-89-9	ug/L	(1)				
gamma-Chlordane	5103-74-2	ug/L	(1)				
Heptachlor	76-44-8	ug/L	(1)				
Heptachlor epoxide	1024-57-3	ug/L	(1)				
Isodrin	465-73-6	ug/L	(1)				
Malathion	121-75-5	ug/L	(1)				
Methoxychlor	72-43-5	ug/L	(1)				
Mirex	2385-85-5	ug/L	(1)		< 0.025 U		
Toxaphene	8001-35-2	ug/L	(1)				
Radiological							
Americium-241	86954-36-1	pCi/L	(1)	< 14 U	8.95		
Cesium-137	10045-97-3	pCi/L	(1)	< 16 U	< 0.98 U		
Cobalt-60	10198-40-0	pCi/L	(1)	< 17 U	< 0.993 U		
Gross alpha	12587-46-1	pCi/L	(1)		2.58		
Gross beta	12587-47-2	pCi/L	(1)		4.9		
Radium-226	13982-63-3	pCi/L	(1)	0.2 J	< 5.37 U		
Total Uranium	7440-61-1 U	ug/L	(1)		0.17		
Uranium-235	15117-96-1	pCi/L	(1)		< 0.0215 U	< 0.0204 U	
Uranium-238	7440-61-1 U-238	pCi/L	(1)		0.04	0.07	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U			
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	< 1.8 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	< 1.7 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	< 1.7 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	< 1.7 U		
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	< 5.2 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	< 4.2 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	< 2.9 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	< 5.8 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 U	< 21 U		
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	< 0.5 U		
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	< 0.99 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	< 1.7 U		
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	< 3.9 U		
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	< 4.3 U		
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	< 3.7 U		

			Site Name	3	3	3	3
			Location ID	K-3-HP-009	K-3-MW-001	K-3-MW-001	K-3-MW-001
			Sample Date	2/29/2000	10/30/1996	10/30/1996	5/24/2000
			Depth Interval	0 - 4	14.11 - 24.11	14.11 - 24.11	15 - 25
			Sample ID	3HP-9DUP(20000229)	3MW-1(19961030)	3MW-1DUP(19961030)	3MW-1(20000524)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	< 12 U		
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U	< 4.9 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U	< 17 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	< 4.2 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	< 4 U		
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	< 7.3 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	< 5.1 U		
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U	< 0.52 U#		
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U	< 5.2 U		
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	< 12 U		
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	< 1.7 U		
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	< 0.5 U		
Aniline	62-53-3	ug/L	(1)	< 10 U	< 4.4 U		
Anthracene	120-12-7	ug/L	(1)	< 10 U	< 0.5 U		
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	< 1.6 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	< 4.7 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 5.4 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	< 6.1 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 0.87 U		
Benzoic Acid	65-85-0	ug/L	(1)		< 13 U		
Benzyl alcohol	100-51-6	ug/L	(1)		< 0.72 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	< 1.5 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	< 1.9 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	< 5.3 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 UJ	< 4.8 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 UJ	< 3.4 U		
Carbazole	86-74-8	ug/L	(1)	< 10 U	< 2 U		
Chrysene	218-01-9	ug/L	(1)	< 10 U	< 2.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	< 6.5 U		
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	< 1.7 U		
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	< 2 U		
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	< 1.5 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	< 3.7 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	< 15 U		
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	< 2.5 U		
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	< 3.3 U		
Fluorene	86-73-7	ug/L	(1)	< 10 U	< 3.7 U		
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	< 1.6 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	< 3.4 U		

			Site Name	3	3	3	3
			Location ID	K-3-HP-009	K-3-MW-001	K-3-MW-001	K-3-MW-001
			Sample Date	2/29/2000	10/30/1996	10/30/1996	5/24/2000
			Depth Interval	0 - 4	14.11 - 24.11	14.11 - 24.11	15 - 25
			Sample ID	3HP-9DUP(20000229)	3MW-1(19961030)	3MW-1DUP(19961030)	3MW-1(20000524)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U	< 8.6 U		
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	< 1.5 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	< 8.6 U		
Isophorone	78-59-1	ug/L	(1)	< 10 U	< 4.8 U		
Naphthalene	91-20-3	ug/L	(1)	< 10 U	< 0.5 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	< 4.4 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	< 3 U		
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	< 0.042 U		
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	< 0.5 U		
Phenol	108-95-2	ug/L	(1)	< 10 U	< 9.2 U		
Pyrene	129-00-0	ug/L	(1)	< 10 U	< 2.8 U		
TPH							
Diesel Range Organics	DRO	ug/L	(1)				
Gasoline range organics	GRO	ug/L	(1)				
TPH, aviation gas fraction	50815-00-4	ug/L	(1)				
TRPH	TRPH	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U			
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U			
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U			
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U			
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)				
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U			
2-Butanone	78-93-3	ug/L	(1)	< 10 U			
2-Hexanone	591-78-6	ug/L	(1)	< 10 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 10 U			
Acetone	67-64-1	ug/L	(1)	< 10 (U)			
Acetonitrile	75-05-8	ug/L	(1)	< 20 R			
Benzene	71-43-2	ug/L	(1)	< 1 U			
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U			
Bromoform	75-25-2	ug/L	(1)	< 1 U			
Bromomethane	74-83-9	ug/L	(1)	< 2 U			
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U			
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U			
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U			
Chloroethane	75-00-3	ug/L	(1)	< 2 U			
Chloroform	67-66-3	ug/L	(1)	< 1 U			

			Site Name	3	3	3	3
			Location ID	K-3-HP-009	K-3-MW-001	K-3-MW-001	K-3-MW-001
			Sample Date	2/29/2000	10/30/1996	10/30/1996	5/24/2000
			Depth Interval	0 - 4	14.11 - 24.11	14.11 - 24.11	15 - 25
			Sample ID	3HP-9DUP(20000229)	3MW-1(19961030)	3MW-1DUP(19961030)	3MW-1(20000524)
			Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo				
Chloromethane	74-87-3	ug/L	(1)	< 2 U			
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U			
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U			
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U			
Ethanol	64-17-5	ug/L	(1)				
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U			
Isopropanol	67-63-0	ug/L	(1)				
Methylene chloride	75-09-2	ug/L	(1)	< 1 U			
Styrene	100-42-5	ug/L	(1)	< 1 U			
tert-Butylalcohol	75-65-0	ug/L	(1)		< 500 U		
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U			
Toluene	108-88-3	ug/L	(1)	< 1 (U)			
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U			
Trichloroethene	79-01-6	ug/L	(1)	< 1 U			
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U			
Vinyl acetate	108-05-4	ug/L	(1)				
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U			
Xylenes	1330-20-7	ug/L	(1)	< 1 U			
WetChem							
Ammonia	7664-41-7	ug/L	(1)	900	< 60 U		
Chloride	16887-00-6	ug/L	(1)	10700	< 2120 U		
Cyanide	57-12-5	ug/L	(1)		< 2.5 U		
Fluoride	16984-48-8	ug/L	(1)	240 J	< 1230 U		
Nitrate	14797-55-8	ug/L	(1)	< 500 U			
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)		< 10 U		
Nitrite	14797-65-0	ug/L	(1)	< 500 U			
Phosphate	14265-44-2	ug/L	(1)		53.8		
Phosphorus	7723-14-0	ug/L	(1)	< 100 UJ			
Sulfate	14808-79-8	ug/L	(1)	7500	< 10000 U		
Sulfide	18496-25-8	ug/L	(1)	< 500 U	< 50 U		

Historic Analytical Results for Groundwater Samples at PICA 050/Site 3

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-002	K-3-MW-002	K-3-MW-003	K-3-MW-003	K-3-MW-003
			Sample Date	10/18/1996	5/24/2000	10/25/1996	5/23/2000	5/23/2000
			Depth Interval	16.7 - 26.7	15 - 25	14.94 - 24.94	15 - 25	15 - 25
			Sample ID	3MW-2(19961018)	3MW-2(20000524)	3MW-3(19961025)	3MW-3(20000523)	3MW-3DUP(20000523)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.3 U	< 0.449 U	< 0.3 U	< 0.3 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.1 U	< 0.611 U	< 0.1 U	< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.1 U	< 0.635 U	< 0.1 U	< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)		< 0.1 U		< 0.1 U	< 0.1 U
2-Nitrotoluene	88-72-2	ug/L	(1)		< 1 U		< 1 U	< 1 U
3-Nitrotoluene	99-08-1	ug/L	(1)		< 1 U		< 1 U	< 1 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)		< 0.1 U		< 0.1 U	< 0.1 U
4-Nitrotoluene	99-99-0	ug/L	(1)		< 1 U		< 1 U	< 1 U
HMX	2691-41-0	ug/L	(1)	7.43	3.9	< 1.21 U	< 1 U	< 1 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 1 U	< 0.645 U	< 1 U	< 1 U
Nitrobenzene	98-95-3	ug/L	(2)					
Nitrocellulose	9004-70-0	ug/L	(1)	< 553 U		< 553 U		
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U		< 10 U		
Nitroguanidine	556-88-7	ug/L	(1)	71.3		< 30.9 U		
Perchlorate	14797-73-0	ug/L	(1)		< 5 U		< 5 U	< 5 U
PETN	78-11-5	ug/L	(1)	< 20 U		< 20 U		
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U		< 0.27 U		
RDX	121-82-4	ug/L	(1)	99.2	8.1	< 1.17 U	< 0.8 U	< 0.8 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 U		< 40 U		
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 1 U	< 1.56 U	< 1 U	< 1 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U	< 0.1 U	< 0.0637 U	< 0.1 U	< 0.1 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.3 U	< 0.0738 U	< 0.3 U	< 0.3 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					
Isotope								
Radium-228	15262-20-1	pCi/L	(1)					
Metals								
Aluminum	7429-90-5	ug/L	(1)	67.8		26	99	< 92 U
Antimony	7440-36-0	ug/L	(1)	< 1 U		< 1 U	< 10 U	< 10 U
Arsenic	7440-38-2	ug/L	(1)	< 1 U		1.39	7	5.7
Barium	7440-39-3	ug/L	(1)	14.9		37.3	23 J	21 J
Beryllium	7440-41-7	ug/L	(1)	< 5 U		< 5 U	< 2 U	< 2 U
Boron	7440-42-8	ug/L	(1)	< 50 U		< 50 U		
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U		< 3.01 U	< 2 U	< 2 U
Calcium	7440-70-2	ug/L	(1)	20900		29200	23200	20900
Chromium	7440-47-3	ug/L	(1)	< 6.96 U		< 6.96 U	< 10 U	< 10 U
Cobalt	7440-48-4	ug/L	(1)	< 50 U		< 50 U	12 J	13 J

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-002	K-3-MW-002	K-3-MW-003	K-3-MW-003	K-3-MW-003
			Sample Date	10/18/1996	5/24/2000	10/25/1996	5/23/2000	5/23/2000
			Depth Interval	16.7 - 26.7	15 - 25	14.94 - 24.94	15 - 25	15 - 25
			Sample ID	3MW-2(19961018)	3MW-2(20000524)	3MW-3(19961025)	3MW-3(20000523)	3MW-3DUP(20000523)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Copper	7440-50-8	ug/L	(1)	< 5 U		< 5 U	< 9 U	< 9 U
Iron	7439-89-6	ug/L	(1)	87.9		15100	30100	26500
Lead	7439-92-1	ug/L	(1)	< 1 U		< 1 U	< 3 U	< 3 U
Magnesium	7439-95-4	ug/L	(1)	6820		8410	5700	5300
Manganese	7439-96-5	ug/L	(1)	35.2		2490	1700	1500
Mercury	7439-97-6	ug/L	(1)	< 0.243 U		< 0.243 U	< 0.092 UJ	< 0.092 UJ
Nickel	7440-02-0	ug/L	(1)	< 7.11 U		< 7.11 U	< 40 U	< 40 U
Potassium	7440-09-7	ug/L	(1)	1290		1550	1800 J	1600 J
Selenium	7782-49-2	ug/L	(1)	< 2 U		< 2 U	< 5 U	< 5 U
Silver	7440-22-4	ug/L	(1)	< 4.42 U		< 4.42 U	< 4 U	< 4 U
Sodium	7440-23-5	ug/L	(1)	17300		68100	42600	36900
Strontium	7440-24-6	ug/L	(1)	75.2		103		
Thallium	7440-28-0	ug/L	(1)	< 1 U		< 1 U	1 J	0.9 J
Titanium	7440-32-6	ug/L	(1)	< 2 U		< 2 U		
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U		< 4.69 U	< 50 U	< 50 U
Zinc	7440-66-6	ug/L	(1)	< 35.8 U		< 35.8 U	< 20 U	< 20 U
Zirconium	7440-67-7	ug/L	(1)	< 1 U		< 1 U		
PCBs								
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.16 U		< 0.16 U		
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.16 UT		< 0.16 UT		
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.16 UT		< 0.16 UT		
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.19 UT		< 0.19 UT		
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.19 UT		< 0.19 UT		
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.19 UT		< 0.19 UT		
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.19 U		< 0.19 U		
Pesticides								
4,4'-DDD	72-54-8	ug/L	(1)	< 0.0233 U				
4,4'-DDE	72-55-9	ug/L	(1)	< 0.027 U				
4,4'-DDT	50-29-3	ug/L	(1)	< 0.034 U				
Aldrin	309-00-2	ug/L	(1)	< 0.0918 U				
alpha-BHC	319-84-6	ug/L	(1)	< 0.0385 U				
alpha-Chlordane	5103-71-9	ug/L	(1)	< 0.075 UT				
beta-BHC	319-85-7	ug/L	(1)	< 0.024 U				
delta-BHC	319-86-8	ug/L	(1)	< 0.0293 U				
Diazinon	333-41-5	ug/L	(1)	< 0.188 UT				
Dieldrin	60-57-1	ug/L	(1)	< 0.024 U				
Endosulfan I	959-98-8	ug/L	(1)	< 0.023 U				
Endosulfan II	33213-65-9	ug/L	(1)	< 0.023 U				
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 0.0786 U				

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-002	K-3-MW-002	K-3-MW-003	K-3-MW-003	K-3-MW-003
			Sample Date	10/18/1996	5/24/2000	10/25/1996	5/23/2000	5/23/2000
			Depth Interval	16.7 - 26.7	15 - 25	14.94 - 24.94	15 - 25	15 - 25
			Sample ID	3MW-2(19961018)	3MW-2(20000524)	3MW-3(19961025)	3MW-3(20000523)	3MW-3DUP(20000523)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Endrin	72-20-8	ug/L	(1)	< 0.0238 U				
Endrin aldehyde	7421-93-4	ug/L	(1)	< 0.0285 U				
Endrin ketone	53494-70-5	ug/L	(1)	< 0.0285 UT				
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 0.0507 U				
gamma-Chlordane	5103-74-2	ug/L	(1)	< 0.075 UT				
Heptachlor	76-44-8	ug/L	(1)	< 0.0423 U				
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 0.0245 U				
Isodrin	465-73-6	ug/L	(1)	< 0.0562 U				
Malathion	121-75-5	ug/L	(1)	< 0.188 UT				
Methoxychlor	72-43-5	ug/L	(1)	< 0.057 U				
Mirex	2385-85-5	ug/L	(1)	< 0.025 U		< 0.025 U		
Toxaphene	8001-35-2	ug/L	(1)	< 1.35 U				
Radiological								
Americium-241	86954-36-1	pCi/L	(1)	< 2.08 U		< 9.06 U		
Cesium-137	10045-97-3	pCi/L	(1)	< 1.04 U		< 0.966 U		
Cobalt-60	10198-40-0	pCi/L	(1)	1.27		< 1.01 U		
Gross alpha	12587-46-1	pCi/L	(1)	< 0.73 U		1.74		
Gross beta	12587-47-2	pCi/L	(1)	2.2		3.5		
Radium-226	13982-63-3	pCi/L	(1)	12.6		< 5.35 U		
Total Uranium	7440-61-1 U	ug/L	(1)	0.34		0.43		
Uranium-235	15117-96-1	pCi/L	(1)	0.03		< 0.0206 U		
Uranium-238	7440-61-1 U-238	pCi/L	(1)	0.08		0.13		
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 0.51 U		< 0.51 U		
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 1.8 U		< 1.8 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.7 U		< 1.7 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1.7 U		< 1.7 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.7 U		< 1.7 U		
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 5.2 U		< 5.2 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 4.2 U		< 4.2 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 2.9 U		< 2.9 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 5.8 U		< 5.8 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 21 U		< 21 U		
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 0.5 U		< 0.5 U		
2-Chlorophenol	95-57-8	ug/L	(1)	< 0.99 U		< 0.99 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.7 U		< 1.7 U		
2-Methylphenol	95-48-7	ug/L	(1)	< 3.9 U		< 3.9 U		
2-Nitroaniline	88-74-4	ug/L	(1)	< 4.3 U		< 4.3 U		
2-Nitrophenol	88-75-5	ug/L	(1)	< 3.7 U		< 3.7 U		

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-002	K-3-MW-002	K-3-MW-003	K-3-MW-003	K-3-MW-003
			Sample Date	10/18/1996	5/24/2000	10/25/1996	5/23/2000	5/23/2000
			Depth Interval	16.7 - 26.7	15 - 25	14.94 - 24.94	15 - 25	15 - 25
			Sample ID	3MW-2(19961018)	3MW-2(20000524)	3MW-3(19961025)	3MW-3(20000523)	3MW-3DUP(20000523)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 12 U		< 12 U		
3-Nitroaniline	99-09-2	ug/L	(1)	< 4.9 U		< 4.9 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 17 U		< 17 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 4.2 U		< 4.2 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 4 U		< 4 U		
4-Chloroaniline	106-47-8	ug/L	(1)	< 7.3 U		< 7.3 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 5.1 U		< 5.1 U		
4-Methylphenol	106-44-5	ug/L	(1)	< 0.52 U#		< 0.52 U#		
4-Nitroaniline	100-01-6	ug/L	(1)	< 5.2 U		< 5.2 U		
4-Nitrophenol	100-02-7	ug/L	(1)	< 12 U		< 12 U		
Acenaphthene	83-32-9	ug/L	(1)	< 1.7 U		< 1.7 U		
Acenaphthylene	208-96-8	ug/L	(1)	< 0.5 U		< 0.5 U		
Aniline	62-53-3	ug/L	(1)	< 4.4 U		< 4.4 U		
Anthracene	120-12-7	ug/L	(1)	< 0.5 U		< 0.5 U		
Benz(a)anthracene	56-55-3	ug/L	(1)	< 1.6 U		< 1.6 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 4.7 U		< 4.7 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 5.4 U		< 5.4 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 6.1 U		< 6.1 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 0.87 U		< 0.87 U		
Benzoic Acid	65-85-0	ug/L	(1)	< 13 U		< 13 U		
Benzyl alcohol	100-51-6	ug/L	(1)	< 0.72 U		< 0.72 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 1.5 U		< 1.5 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 1.9 U		< 1.9 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5.3 U		< 5.3 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 4.8 U		< 4.8 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 3.4 U		< 3.4 U		
Carbazole	86-74-8	ug/L	(1)	< 2 U		< 2 U		
Chrysene	218-01-9	ug/L	(1)	< 2.4 U		< 2.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 6.5 U		< 6.5 U		
Dibenzofuran	132-64-9	ug/L	(1)	< 1.7 U		< 1.7 U		
Diethylphthalate	84-66-2	ug/L	(1)	< 2 U		< 2 U		
Dimethylphthalate	131-11-3	ug/L	(1)	< 1.5 U		< 1.5 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 3.7 U		< 3.7 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 15 U		< 15 U		
Diphenylamine	122-39-4	ug/L	(1)	< 2.5 U		< 2.5 U		
Fluoranthene	206-44-0	ug/L	(1)	< 3.3 U		< 3.3 U		
Fluorene	86-73-7	ug/L	(1)	< 3.7 U		< 3.7 U		
Hexachlorobenzene	118-74-1	ug/L	(1)	< 1.6 U		< 1.6 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 3.4 U		< 3.4 U		

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-002	K-3-MW-002	K-3-MW-003	K-3-MW-003	K-3-MW-003
			Sample Date	10/18/1996	5/24/2000	10/25/1996	5/23/2000	5/23/2000
			Depth Interval	16.7 - 26.7	15 - 25	14.94 - 24.94	15 - 25	15 - 25
			Sample ID	3MW-2(19961018)	3MW-2(20000524)	3MW-3(19961025)	3MW-3(20000523)	3MW-3DUP(20000523)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 8.6 U		< 8.6 U		
Hexachloroethane	67-72-1	ug/L	(1)	< 1.5 U		< 1.5 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 8.6 U		< 8.6 U		
Isophorone	78-59-1	ug/L	(1)	< 4.8 U		< 4.8 U		
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U		< 0.5 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 4.4 U		< 4.4 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3 U		< 3 U		
Pentachlorophenol	87-86-5	ug/L	(1)	< 0.042 U		< 0.042 U		
Phenanthrene	85-01-8	ug/L	(1)	< 0.5 U		< 0.5 U		
Phenol	108-95-2	ug/L	(1)	< 9.2 U		< 9.2 U		
Pyrene	129-00-0	ug/L	(1)	< 2.8 U		< 2.8 U		
TPH								
Diesel Range Organics	DRO	ug/L	(1)					
Gasoline range organics	GRO	ug/L	(1)					
TPH, aviation gas fraction	50815-00-4	ug/L	(1)					
TRPH	TRPH	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 0.5 U		< 0.5 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 5 U		< 5 U		
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1.2 U		< 1.2 U		
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 0.68 U		< 0.68 U		
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 0.5 U		< 0.5 U		
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 0.5 U		< 0.5 U		
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 0.5 U		< 0.5 U		
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 0.5 U		< 0.5 U		
2-Butanone	78-93-3	ug/L	(1)	< 6.4 U		< 6.4 U		
2-Hexanone	591-78-6	ug/L	(1)	< 3.6 U		< 3.6 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 3 U		< 3 U		
Acetone	67-64-1	ug/L	(1)	< 13 U		< 13 U		
Acetonitrile	75-05-8	ug/L	(1)	< 200 U		< 200 U		
Benzene	71-43-2	ug/L	(1)	< 0.5 U		< 0.5 U		
Bromodichloromethane	75-27-4	ug/L	(1)	< 0.59 U		< 0.59 U		
Bromoform	75-25-2	ug/L	(1)	< 2.6 U		< 2.6 U		
Bromomethane	74-83-9	ug/L	(1)	< 5.8 U		< 5.8 U		
Carbon disulfide	75-15-0	ug/L	(1)	< 0.5 U		< 0.5 U		
Carbon tetrachloride	56-23-5	ug/L	(1)	< 0.58 U		< 0.58 U		
Chlorobenzene	108-90-7	ug/L	(1)	< 0.5 U		< 0.5 U		
Chloroethane	75-00-3	ug/L	(1)	< 1.9 U		< 1.9 U		
Chloroform	67-66-3	ug/L	(1)	< 0.5 U		< 0.5 U		

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-002	K-3-MW-002	K-3-MW-003	K-3-MW-003	K-3-MW-003
			Sample Date	10/18/1996	5/24/2000	10/25/1996	5/23/2000	5/23/2000
			Depth Interval	16.7 - 26.7	15 - 25	14.94 - 24.94	15 - 25	15 - 25
			Sample ID	3MW-2(19961018)	3MW-2(20000524)	3MW-3(19961025)	3MW-3(20000523)	3MW-3DUP(20000523)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Chloromethane	74-87-3	ug/L	(1)	< 3.2 U		< 3.2 U		
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)					
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 0.58 U		< 0.58 U		
Dibromochloromethane	124-48-1	ug/L	(1)	< 0.67 U		< 0.67 U		
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 6.9 U		< 6.9 U		
Ethanol	64-17-5	ug/L	(1)	< 2000 U		< 2000 U		
Ethyl benzene	100-41-4	ug/L	(1)	< 0.5 U		< 0.5 U		
Isopropanol	67-63-0	ug/L	(1)	< 400 U		< 400 U		
Methylene chloride	75-09-2	ug/L	(1)	< 2.3 U		2.6		
Styrene	100-42-5	ug/L	(1)	< 0.5 U		< 0.5 U		
tert-Butylalcohol	75-65-0	ug/L	(1)	< 500 U		< 500 U		
Tetrachloroethene	127-18-4	ug/L	(1)	< 1.6 U		< 1.6 U		
Toluene	108-88-3	ug/L	(1)	< 0.5 U		< 0.5 U		
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)					
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 0.7 U		< 0.7 U		
Trichloroethene	79-01-6	ug/L	(1)	< 0.5 U		< 0.5 U		
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1.4 U		< 1.4 U		
Vinyl acetate	108-05-4	ug/L	(1)	< 8.3 U		< 8.3 U		
Vinyl chloride	75-01-4	ug/L	(1)	< 2.6 U		< 2.6 U		
Xylenes	1330-20-7	ug/L	(1)	< 0.84 U		< 0.84 U		
WetChem								
Ammonia	7664-41-7	ug/L	(1)	< 60 U		777	800	800
Chloride	16887-00-6	ug/L	(1)	5160		72000		
Cyanide	57-12-5	ug/L	(1)	< 2.5 U		< 2.5 U		
Fluoride	16984-48-8	ug/L	(1)	< 1230 U		< 1230 U		
Nitrate	14797-55-8	ug/L	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	370		39.8		
Nitrite	14797-65-0	ug/L	(1)					
Phosphate	14265-44-2	ug/L	(1)	25.1		< 13.3 U		
Phosphorus	7723-14-0	ug/L	(1)					
Sulfate	14808-79-8	ug/L	(1)	14000		< 10000 U		
Sulfide	18496-25-8	ug/L	(1)	< 50 U		< 50 U		

Chemical Name	CAS No	Unit	ValueNo	Site Name: 3 Location ID: K-3-MW-004 Sample Date: 10/25/1996 Depth Interval: 31.71 - 41.71 Sample ID: 3MW-4(19961025) Sample Matrix: WG	Site Name: 3 Location ID: K-3-MW-005 Sample Date: 10/25/1996 Depth Interval: 14.89 - 24.89 Sample ID: 3MW-5(19961025) Sample Matrix: WG	Site Name: 3 Location ID: K-3-MW-006 Sample Date: 10/11/1996 Depth Interval: 14.85 - 24.85 Sample ID: 3MW-6(19961011) Sample Matrix: WG	Site Name: 3 Location ID: K-3-MW-007 Sample Date: 5/23/2000 Depth Interval: 15 - 25 Sample ID: 3MW-7(20000523) Sample Matrix: WG	Site Name: 3 Location ID: K-3-MW-009 Sample Date: 1/18/2002 Depth Interval: 12 - 22 Sample ID: 3MW-9(20020118) Sample Matrix: WG
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.449 U	< 0.449 U		< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.611 U	< 0.611 U		< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.635 U	< 0.635 U		< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)					< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)					< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)					< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)					< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)					< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 1.21 U	< 1.21 U	< 1.21 U		< 0.5 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 0.645 U	< 0.645 U		< 0.2 U
Nitrobenzene	98-95-3	ug/L	(2)					
Nitrocellulose	9004-70-0	ug/L	(1)	< 553 U	< 553 U	< 553 U		
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U	< 10 U	< 10 U		
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U	< 30.9 U	< 30.9 U		
Perchlorate	14797-73-0	ug/L	(1)				< 5 U	
PETN	78-11-5	ug/L	(1)	< 20 U	< 20 U	< 20 U		
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U	< 0.27 U	< 0.27 U		
RDX	121-82-4	ug/L	(1)	< 1.17 U	< 1.17 U	< 1.17 U		< 0.5 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 U	< 40 U	< 40 U		
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 1.56 U	< 1.56 U		< 0.2 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U	< 0.0637 U	< 0.0637 U		< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.0738 U	< 0.0738 U		< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					
Isotope								
Radium-228	15262-20-1	pCi/L	(1)					
Metals								
Aluminum	7429-90-5	ug/L	(1)	444	71.4	75.5	2500	
Antimony	7440-36-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	2.4 J	
Arsenic	7440-38-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 3 U	
Barium	7440-39-3	ug/L	(1)	13.2	9.92	5.32	23 J	
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 2 U	
Boron	7440-42-8	ug/L	(1)	< 50 U	< 50 U	< 50 U		
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U	< 3.01 U	< 3.01 U	< 2 U	
Calcium	7440-70-2	ug/L	(1)	5310	15100	8480	15800	
Chromium	7440-47-3	ug/L	(1)	< 6.96 U	< 6.96 U	< 6.96 U	< 10 U	
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U	< 50 U	< 50 U	

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-004	K-3-MW-005	K-3-MW-006	K-3-MW-007	K-3-MW-009
			Sample Date	10/25/1996	10/25/1996	10/11/1996	5/23/2000	1/18/2002
			Depth Interval	31.71 - 41.71	14.89 - 24.89	14.85 - 24.85	15 - 25	12 - 22
			Sample ID	3MW-4(19961025)	3MW-5(19961025)	3MW-6(19961011)	3MW-7(20000523)	3MW-9(20020118)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Copper	7440-50-8	ug/L	(1)	< 5 U	< 5 U	< 5 U	5.9 J	
Iron	7439-89-6	ug/L	(1)	361	96.3	67.6	2600	
Lead	7439-92-1	ug/L	(1)	1.8	< 1 U	2.22	< 3 U	
Magnesium	7439-95-4	ug/L	(1)	< 1000 U	3900	2170	7900	
Manganese	7439-96-5	ug/L	(1)	21.3	85.2	48.1	380	
Mercury	7439-97-6	ug/L	(1)	< 0.243 U	< 0.243 U	< 0.243 U	< 0.092 UJ	
Nickel	7440-02-0	ug/L	(1)	< 7.11 U	< 7.11 U	< 7.11 U	< 40 U	
Potassium	7440-09-7	ug/L	(1)	< 1000 U	< 1000 U	< 1000 U	1100 J	
Selenium	7782-49-2	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 5 U	
Silver	7440-22-4	ug/L	(1)	< 4.42 U	< 4.42 U	< 4.42 U	< 4 U	
Sodium	7440-23-5	ug/L	(1)	4290	7430	6750	10700	
Strontium	7440-24-6	ug/L	(1)	19	76.3	21.3		
Thallium	7440-28-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	0.6 J	
Titanium	7440-32-6	ug/L	(1)	< 2 U	< 2 U	< 2 U		
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U	< 4.69 U	< 4.69 U	< 50 U	
Zinc	7440-66-6	ug/L	(1)	< 35.8 U	< 35.8 U	< 35.8 U	14 J	
Zirconium	7440-67-7	ug/L	(1)	< 1 U	< 1 U	< 1 U		
PCBs								
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.16 U	< 0.16 U	< 0.16 U		
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.16 UT	< 0.16 UT	< 0.16 UT		
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.16 UT	< 0.16 UT	< 0.16 UT		
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.19 UT	< 0.19 UT	< 0.19 UT		
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.19 UT	< 0.19 UT	< 0.19 UT		
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.19 UT	< 0.19 UT	< 0.19 UT		
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.19 U	< 0.19 U	< 0.19 U		
Pesticides								
4,4'-DDD	72-54-8	ug/L	(1)		< 0.0233 U			
4,4'-DDE	72-55-9	ug/L	(1)		< 0.027 U			
4,4'-DDT	50-29-3	ug/L	(1)		< 0.034 U			
Aldrin	309-00-2	ug/L	(1)		< 0.0918 U			
alpha-BHC	319-84-6	ug/L	(1)		< 0.0385 U			
alpha-Chlordane	5103-71-9	ug/L	(1)		< 0.075 UT			
beta-BHC	319-85-7	ug/L	(1)		< 0.024 U			
delta-BHC	319-86-8	ug/L	(1)		< 0.0293 U			
Diazinon	333-41-5	ug/L	(1)		< 0.188 UT			
Dieldrin	60-57-1	ug/L	(1)		< 0.024 U			
Endosulfan I	959-98-8	ug/L	(1)		< 0.023 U			
Endosulfan II	33213-65-9	ug/L	(1)		< 0.023 U			
Endosulfan sulfate	1031-07-8	ug/L	(1)		< 0.0786 U			

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-004	K-3-MW-005	K-3-MW-006	K-3-MW-007	K-3-MW-009
			Sample Date	10/25/1996	10/25/1996	10/11/1996	5/23/2000	1/18/2002
			Depth Interval	31.71 - 41.71	14.89 - 24.89	14.85 - 24.85	15 - 25	12 - 22
			Sample ID	3MW-4(19961025)	3MW-5(19961025)	3MW-6(19961011)	3MW-7(20000523)	3MW-9(20020118)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Endrin	72-20-8	ug/L	(1)		< 0.0238 U			
Endrin aldehyde	7421-93-4	ug/L	(1)		< 0.0285 U			
Endrin ketone	53494-70-5	ug/L	(1)		< 0.0285 UT			
gamma-BHC (Lindane)	58-89-9	ug/L	(1)		< 0.0507 U			
gamma-Chlordane	5103-74-2	ug/L	(1)		< 0.075 UT			
Heptachlor	76-44-8	ug/L	(1)		< 0.0423 U			
Heptachlor epoxide	1024-57-3	ug/L	(1)		< 0.0245 U			
Isodrin	465-73-6	ug/L	(1)		< 0.0562 U			
Malathion	121-75-5	ug/L	(1)		< 0.188 UT			
Methoxychlor	72-43-5	ug/L	(1)		< 0.057 U			
Mirex	2385-85-5	ug/L	(1)	< 0.025 U	< 0.025 U	< 0.025 U		
Toxaphene	8001-35-2	ug/L	(1)		< 1.35 U			
Radiological								
Americium-241	86954-36-1	pCi/L	(1)	< 32.3 U	3.15	< 9.84 U		
Cesium-137	10045-97-3	pCi/L	(1)	4.24	< 0.926 U	< 1.03 U		
Cobalt-60	10198-40-0	pCi/L	(1)	< 1.64 U	< 1.04 U	< 1.04 U		
Gross alpha	12587-46-1	pCi/L	(1)	1.79	< 0.62 U	< 0.56 U		
Gross beta	12587-47-2	pCi/L	(1)	1.53	1.8	1.34		
Radium-226	13982-63-3	pCi/L	(1)	< 8.03 U	< 4.33 U	7.56		
Total Uranium	7440-61-1 U	ug/L	(1)	< 0.111 U	< 0.111 U	< 0.111 U		
Uranium-235	15117-96-1	pCi/L	(1)	0.02	< 0.0217 U	< 0.0217 U		
Uranium-238	7440-61-1 U-238	pCi/L	(1)	0.03	< 0.0217 U	< 0.0239 U		
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 0.51 U	< 0.51 U	< 0.51 U		
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 1.8 U	< 1.8 U	< 1.8 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 4.2 U	< 4.2 U	< 4.2 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 21 U	< 21 U	< 21 U		
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
2-Chlorophenol	95-57-8	ug/L	(1)	< 0.99 U	< 0.99 U	< 0.99 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		
2-Methylphenol	95-48-7	ug/L	(1)	< 3.9 U	< 3.9 U	< 3.9 U		
2-Nitroaniline	88-74-4	ug/L	(1)	< 4.3 U	< 4.3 U	< 4.3 U		
2-Nitrophenol	88-75-5	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U		

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-004	K-3-MW-005	K-3-MW-006	K-3-MW-007	K-3-MW-009
			Sample Date	10/25/1996	10/25/1996	10/11/1996	5/23/2000	1/18/2002
			Depth Interval	31.71 - 41.71	14.89 - 24.89	14.85 - 24.85	15 - 25	12 - 22
			Sample ID	3MW-4(19961025)	3MW-5(19961025)	3MW-6(19961011)	3MW-7(20000523)	3MW-9(20020118)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 12 U	< 12 U	< 12 U		
3-Nitroaniline	99-09-2	ug/L	(1)	< 4.9 U	< 4.9 U	< 4.9 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 17 U	< 17 U	< 17 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 4.2 U	< 4.2 U	< 4.2 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 4 U	< 4 U	< 4 U		
4-Chloroaniline	106-47-8	ug/L	(1)	< 7.3 U	< 7.3 U	< 7.3 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U		
4-Methylphenol	106-44-5	ug/L	(1)	< 0.52 U#	< 0.52 U#	< 0.52 U#		
4-Nitroaniline	100-01-6	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U		
4-Nitrophenol	100-02-7	ug/L	(1)	< 12 U	< 12 U	< 12 U		
Acenaphthene	83-32-9	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		
Acenaphthylene	208-96-8	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Aniline	62-53-3	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U		
Anthracene	120-12-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Benz(a)anthracene	56-55-3	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 4.7 U	< 4.7 U	< 4.7 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 5.4 U	< 5.4 U	< 5.4 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 6.1 U	< 6.1 U	< 6.1 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 0.87 U	< 0.87 U	< 0.87 U		
Benzoic Acid	65-85-0	ug/L	(1)	< 13 U	< 13 U	< 13 U		
Benzyl alcohol	100-51-6	ug/L	(1)	< 0.72 U	< 0.72 U	< 0.72 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 1.9 U	< 1.9 U	< 1.9 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5.3 U	< 5.3 U	< 5.3 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 3.4 U	< 3.4 U	< 3.4 U		
Carbazole	86-74-8	ug/L	(1)	< 2 U	< 2 U	< 2 U		
Chrysene	218-01-9	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 6.5 U	< 6.5 U	< 6.5 U		
Dibenzofuran	132-64-9	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		
Diethylphthalate	84-66-2	ug/L	(1)	< 2 U	< 2 U	< 2 U		
Dimethylphthalate	131-11-3	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 15 U	< 15 U	< 15 U		
Diphenylamine	122-39-4	ug/L	(1)	< 2.5 U	< 2.5 U	< 2.5 U		
Fluoranthene	206-44-0	ug/L	(1)	< 3.3 U	< 3.3 U	< 3.3 U		
Fluorene	86-73-7	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U		
Hexachlorobenzene	118-74-1	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 3.4 U	< 3.4 U	< 3.4 U		

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-004	K-3-MW-005	K-3-MW-006	K-3-MW-007	K-3-MW-009
			Sample Date	10/25/1996	10/25/1996	10/11/1996	5/23/2000	1/18/2002
			Depth Interval	31.71 - 41.71	14.89 - 24.89	14.85 - 24.85	15 - 25	12 - 22
			Sample ID	3MW-4(19961025)	3MW-5(19961025)	3MW-6(19961011)	3MW-7(20000523)	3MW-9(20020118)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 8.6 U	< 8.6 U	< 8.6 U		
Hexachloroethane	67-72-1	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 8.6 U	< 8.6 U	< 8.6 U		
Isophorone	78-59-1	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U		
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3 U	< 3 U	< 3 U		
Pentachlorophenol	87-86-5	ug/L	(1)	< 0.042 UJ	< 0.042 UJ			
Phenanthrene	85-01-8	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Phenol	108-95-2	ug/L	(1)	< 9.2 U	< 9.2 U	< 9.2 U		
Pyrene	129-00-0	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U		
TPH								
Diesel Range Organics	DRO	ug/L	(1)	< 340 U				
Gasoline range organics	GRO	ug/L	(1)	< 340 U				
TPH, aviation gas fraction	50815-00-4	ug/L	(1)	< 340 U				
TRPH	TRPH	ug/L	(1)	< 178 U				
VOC								
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 5 U	< 5 U	< 5 U		
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1.2 U	< 1.2 U	< 1.2 U		
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 0.68 U	< 0.68 U	< 0.68 U		
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
2-Butanone	78-93-3	ug/L	(1)	< 6.4 U	< 6.4 U	< 6.4 U		
2-Hexanone	591-78-6	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.6 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 3 U	< 3 U	< 3 U		
Acetone	67-64-1	ug/L	(1)	< 13 U	< 13 U	< 13 U		
Acetonitrile	75-05-8	ug/L	(1)	< 200 U	< 200 U	< 200 U		
Benzene	71-43-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Bromodichloromethane	75-27-4	ug/L	(1)	< 0.59 U	< 0.59 U	< 0.59 U		
Bromoform	75-25-2	ug/L	(1)	< 2.6 U	< 2.6 U	< 2.6 U		
Bromomethane	74-83-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U		
Carbon disulfide	75-15-0	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Carbon tetrachloride	56-23-5	ug/L	(1)	< 0.58 U	< 0.58 U	< 0.58 U		
Chlorobenzene	108-90-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Chloroethane	75-00-3	ug/L	(1)	< 1.9 U	< 1.9 U	< 1.9 U		
Chloroform	67-66-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		

Historic Analytical Results for Groundwater Samples at PICA 050/Site 3

			Site Name	3	3	3	3	3
			Location ID	K-3-MW-004	K-3-MW-005	K-3-MW-006	K-3-MW-007	K-3-MW-009
			Sample Date	10/25/1996	10/25/1996	10/11/1996	5/23/2000	1/18/2002
			Depth Interval	31.71 - 41.71	14.89 - 24.89	14.85 - 24.85	15 - 25	12 - 22
			Sample ID	3MW-4(19961025)	3MW-5(19961025)	3MW-6(19961011)	3MW-7(20000523)	3MW-9(20020118)
			Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo					
Chloromethane	74-87-3	ug/L	(1)	< 3.2 U	< 3.2 U	< 3.2 U		
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)					
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 0.58 U	< 0.58 U	< 0.58 U		
Dibromochloromethane	124-48-1	ug/L	(1)	< 0.67 U	< 0.67 U	< 0.67 U		
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 6.9 U	< 6.9 U	< 6.9 U		
Ethanol	64-17-5	ug/L	(1)	< 2000 U	< 2000 U	< 2000 U		
Ethyl benzene	100-41-4	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Isopropanol	67-63-0	ug/L	(1)	< 400 U	< 400 U	< 400 U		
Methylene chloride	75-09-2	ug/L	(1)	2.9	4	< 2.3 U		
Styrene	100-42-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
tert-Butylalcohol	75-65-0	ug/L	(1)	< 500 U	< 500 U	< 500 U		
Tetrachloroethene	127-18-4	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U		
Toluene	108-88-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)					
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 0.7 U	< 0.7 U	< 0.7 U		
Trichloroethene	79-01-6	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1.4 U	< 1.4 U	< 1.4 U		
Vinyl acetate	108-05-4	ug/L	(1)	< 8.3 U	< 8.3 U	< 8.3 U		
Vinyl chloride	75-01-4	ug/L	(1)	< 2.6 U	< 2.6 U	< 2.6 U		
Xylenes	1330-20-7	ug/L	(1)	< 0.84 U	< 0.84 U	< 0.84 U		
WetChem								
Ammonia	7664-41-7	ug/L	(1)	< 60 U	< 60 U	< 60 U	< 20 R	
Chloride	16887-00-6	ug/L	(1)	< 2120 U	3950	< 2120 U		
Cyanide	57-12-5	ug/L	(1)	< 2.5 U	< 2.5 U	< 2.5 U		
Fluoride	16984-48-8	ug/L	(1)	< 1230 U	< 1230 U	< 1230 U		
Nitrate	14797-55-8	ug/L	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	< 10 U	36.9	53.9		
Nitrite	14797-65-0	ug/L	(1)					
Phosphate	14265-44-2	ug/L	(1)	16.2	< 13.3 U	16.2		
Phosphorus	7723-14-0	ug/L	(1)					
Sulfate	14808-79-8	ug/L	(1)	< 10000 U	< 10000 U	< 10000 U		
Sulfide	18496-25-8	ug/L	(1)	< 50 U	< 50 U	< 50 U		

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-002	K-3-SD-002	K-3-SD-003
			Sample Date	4/22/1988	4/22/1988	4/22/1988	4/22/1988	8/8/1996	4/22/1988	8/28/1996	4/22/1988
			Depth Interval	.5	.7	.8	4.9	0 - 1	.7	0 - 1	.7
			Sample ID	SD3-1(0.5)	SD3-1(0.7)	SD3-1(0.8)	SD3-1(4.9)	3SD-1(0-1)	SD3-2(0.7)	3SD-2(0-1)	SD3-3(0.7)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Dioxins											
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)								
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)								
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)								
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)								
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)								
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)								
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)								
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)								
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)								
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)								
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					< 0.488 U		< 0.488 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					< 0.496 U		< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					< 0.456 U		< 0.456 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								
2-Nitrotoluene	88-72-2	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								
4-Nitrotoluene	99-99-0	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)					< 0.666 U		< 0.666 U	
Nitrobenzene	98-95-3	mg/kg	(1)					< 2.41 U		< 2.41 UJ	
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)					< 10.4 U		< 10.4 U	
Nitrocellulose	9004-70-0	ug/g	(1)	< 269					< 267		< 250
Nitroglycerin	55-63-0	mg/kg	(1)					< 4 U		< 4 U	
Nitroguanidine	556-88-7	mg/kg	(1)					< 0.475 U		< 0.475 R	
PETN	78-11-5	mg/kg	(1)					< 4 U		< 4 U	
Picric Acid	88-89-1	mg/kg	(1)					< 0.108 U		< 0.108 U	
RDX	121-82-4	mg/kg	(1)					< 0.587 U		< 0.587 U	
Tetrazene	14097-21-3	mg/kg	(1)					< 1.19 U		< 1.19 U	
Tetryl	479-45-8	mg/kg	(1)					< 0.731 U		< 0.731 U	
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					< 0.424 U		< 0.424 U	
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					< 0.524 U		< 0.524 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Furans											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)								
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)								
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)								
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)								
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)								
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)								
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)								
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)								
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)								
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)								
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)								
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)								
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)								
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-002	K-3-SD-002	K-3-SD-003
			Sample Date	4/22/1988	4/22/1988	4/22/1988	4/22/1988	8/8/1996	4/22/1988	8/28/1996	4/22/1988
			Depth Interval	.5	.7	.8	4.9	0 - 1	.7	0 - 1	.7
			Sample ID	SD3-1(0.5)	SD3-1(0.7)	SD3-1(0.8)	SD3-1(4.9)	3SD-1(0-1)	SD3-2(0.7)	3SD-2(0-1)	SD3-3(0.7)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Isotope											
Radium-228	15262-20-1	pCi/g	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)					2430		2510	
Antimony	7440-36-0	mg/kg	(1)					< 0.1 U		< 0.1 U	
Arsenic	7440-38-2	mg/kg	(1)					6.46		1.64	
Barium	7440-39-3	mg/kg	(1)					13.1		12.4	
Barium	7440-39-3	ug/g	(1)				23.4		33.4		31.9
Beryllium	7440-41-7	mg/kg	(1)					1.08		< 0.5 U	
Boron	7440-42-8	mg/kg	(1)					< 5.91 U		< 5.91 U	
Cadmium	7440-43-9	mg/kg	(1)					< 0.7 U		< 0.7 U	
Calcium	7440-70-2	mg/kg	(1)					386		557	
Chromium	7440-47-3	mg/kg	(1)					< 4.05 U		< 4.05 U	
Chromium	7440-47-3	ug/g	(1)				4.6		6.1		9.8
Cobalt	7440-48-4	mg/kg	(1)					5.2		4.33	
Copper	7440-50-8	mg/kg	(1)					2.24		8.33	
Iron	7439-89-6	mg/kg	(1)					25000		8340	
Lead	7439-92-1	mg/kg	(1)					13.5		2.31	
Magnesium	7439-95-4	mg/kg	(1)					267		1140	
Manganese	7439-96-5	mg/kg	(1)					536		69.5	
Mercury	7439-97-6	mg/kg	(1)					< 0.05 UJ		< 0.05 U	
Nickel	7440-02-0	mg/kg	(1)					< 1.71 U		5.42	
Potassium	7440-09-7	mg/kg	(1)					< 100 U		366	
Selenium	7782-49-2	mg/kg	(1)					< 0.25 UJ		< 0.25 U	
Silver	7440-22-4	mg/kg	(1)					< 0.589 U		< 0.589 U	
Sodium	7440-23-5	mg/kg	(1)					469		269	
Strontium	7440-24-6	mg/kg	(1)					4.07		4.2	
Thallium	7440-28-0	mg/kg	(1)					< 0.1 U		< 0.1 U	
Titanium	7440-32-6	mg/kg	(1)					74.1		223	
Vanadium	7440-62-2	mg/kg	(1)					26		9.43	
Zinc	7440-66-6	mg/kg	(1)					51.6		11.4	
Zirconium	7440-67-7	mg/kg	(1)					< 2.5 U		< 2.5 U	
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-Chlordane	5103-71-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)								
Diazinon	333-41-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-002	K-3-SD-002	K-3-SD-003
			Sample Date	4/22/1988	4/22/1988	4/22/1988	4/22/1988	8/8/1996	4/22/1988	8/28/1996	4/22/1988
			Depth Interval	.5	.7	.8	4.9	0 - 1	.7	0 - 1	.7
			Sample ID	SD3-1(0.5)	SD3-1(0.7)	SD3-1(0.8)	SD3-1(4.9)	3SD-1(0-1)	SD3-2(0.7)	3SD-2(0-1)	SD3-3(0.7)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Pesticides (continued)											
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(1)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-Chlordane	5103-74-2	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(1)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Mirex	2385-85-5	mg/kg	(1)					< 0.25 U		< 0.25 U	
Toxaphene	8001-35-2	mg/kg	(1)								
Radiological											
Americium-241	86954-36-1	pCi/g	(1)					< 0.0527 U		< 0.25 U	
Cesium-137	10045-97-3	pCi/g	(1)					0.09		< 0.0249 U	
Cobalt-60	10198-40-0	pCi/g	(1)					< 0.0317 U		< 0.0324 U	
Gross alpha	12587-46-1	pCi/g	(1)					0.78		0.64	
Gross beta	12587-47-2	pCi/g	(1)					0.94		0.62	
Radium-226	13982-63-3	pCi/g	(1)					0.38		0.33	
Total Uranium	7440-61-1 U	mg/kg	(1)					0.66		0.86	
Uranium-234	13966-29-5	pCi/g	(1)								
Uranium-235	15117-96-1	pCi/g	(1)					< 0.71 U		0.7	
Uranium-238	7440-61-1 U-238	pCi/g	(1)					0.14		0.23	
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					< 0.04 U		< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					< 0.11 U		< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					< 0.13 U		< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					< 0.098 U		< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					< 0.1 U		< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					< 0.17 U		< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					< 0.18 U		< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					< 0.69 U		< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					< 1.2 U		< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg	(1)					< 0.036 U		< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg	(1)					< 0.06 U		< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg	(1)					< 0.049 U		< 0.049 U	
2-Methylphenol	95-48-7	mg/kg	(1)					< 0.029 U		< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg	(1)					< 0.062 U		< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg	(1)					< 0.14 U		< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					< 6.3 U		< 6.3 U	
3-Nitroaniline	99-09-2	mg/kg	(1)					< 0.45 U		< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					< 0.55 U		< 0.55 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					< 0.033 U		< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					< 0.095 U		< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg	(1)					< 0.81 U		< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					< 0.033 U		< 0.033 U	
4-Methylphenol	106-44-5	mg/kg	(1)					< 0.24 U#		< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	(1)					< 0.41 U		< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg	(1)					< 1.4 U		< 1.4 U	

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-002	K-3-SD-002	K-3-SD-003
			Sample Date	4/22/1988	4/22/1988	4/22/1988	4/22/1988	8/8/1996	4/22/1988	8/28/1996	4/22/1988
			Depth Interval	.5	.7	.8	4.9	0 - 1	.7	0 - 1	.7
			Sample ID	SD3-1(0.5)	SD3-1(0.7)	SD3-1(0.8)	SD3-1(4.9)	3SD-1(0-1)	SD3-2(0.7)	3SD-2(0-1)	SD3-3(0.7)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
SVOC (continued)											
Acenaphthene	83-32-9	mg/kg	(1)					< 0.036 U		< 0.036 U	
Acenaphthylene	208-96-8	mg/kg	(1)					< 0.033 U		< 0.033 U	
Aniline	62-53-3	mg/kg	(1)					< 0.65 U		< 0.65 U	
Anthracene	120-12-7	mg/kg	(1)					< 0.033 U		< 0.033 U	
Benz(a)anthracene	56-55-3	mg/kg	(1)					< 0.17 U		< 0.17 U	
Benzo(a)pyrene	50-32-8	mg/kg	(1)					< 0.25 U		< 0.25 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					< 0.21 U		< 0.21 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					< 0.25 U		< 0.25 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					< 0.066 U		< 0.066 U	
Benzyl alcohol	100-51-6	mg/kg	(1)					< 0.19 U		< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					< 0.059 U		< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					< 0.033 U		< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					< 0.2 U		< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					< 0.62 U		< 0.62 U	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					< 0.17 U		< 0.17 U	
Carbazole	86-74-8	mg/kg	(1)					< 0.14 U		< 0.14 U	
Chrysene	218-01-9	mg/kg	(1)					< 0.12 U		< 0.12 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					< 0.21 U		< 0.21 U	
Dibenzofuran	132-64-9	mg/kg	(1)					< 0.035 U		< 0.035 U	
Diethylphthalate	84-66-2	mg/kg	(1)					< 0.24 U		< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	(1)					< 0.17 U		< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg	(1)					< 0.061 U		< 0.061 U	
di-n-Octylphthalate	117-84-0	mg/kg	(1)					< 0.19 U		< 0.19 U	
Diphenylamine	122-39-4	mg/kg	(1)					< 0.13 U		< 0.13 U	
Fluoranthene	206-44-0	mg/kg	(1)					< 0.068 U		< 0.068 U	
Fluorene	86-73-7	mg/kg	(1)					< 0.033 U		< 0.033 U	
Hexachlorobenzene	118-74-1	mg/kg	(1)					< 0.033 U		< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg	(1)					< 0.23 U		< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					< 6.2 U		< 6.2 U	
Hexachloroethane	67-72-1	mg/kg	(1)					< 0.15 U		< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					< 0.29 U		< 0.29 U	
Isophorone	78-59-1	mg/kg	(1)					< 0.033 U		< 0.033 U	
Naphthalene	91-20-3	mg/kg	(1)					< 0.037 U		< 0.037 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					< 0.2 U		< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					< 0.19 U		< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg	(1)					< 1.3 U		< 1.3 U	
Phenanthrene	85-01-8	mg/kg	(1)					< 0.033 U		< 0.033 U	
Phenol	108-95-2	mg/kg	(1)					< 0.11 U		< 0.11 U	
Pyrene	129-00-0	mg/kg	(1)					< 0.033 U		< 0.033 U	
TPH											
Diesel Fuel	68334-30-5	mg/kg	(1)								
Gasoline range organics	GRO	mg/kg	(1)								
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)								
TRPH	TRPH	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-001	K-3-SD-002	K-3-SD-002	K-3-SD-003
			Sample Date	4/22/1988	4/22/1988	4/22/1988	4/22/1988	8/8/1996	4/22/1988	8/28/1996	4/22/1988
			Depth Interval	.5	.7	.8	4.9	0 - 1	.7	0 - 1	.7
			Sample ID	SD3-1(0.5)	SD3-1(0.7)	SD3-1(0.8)	SD3-1(4.9)	3SD-1(0-1)	SD3-2(0.7)	3SD-2(0-1)	SD3-3(0.7)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
VOC (continued)											
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acetonitrile	75-05-8	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethanol	64-17-5	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Isopropanol	67-63-0	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
tert-Butylalcohol	75-65-0	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl acetate	108-05-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)								
Ammonia	7664-41-7	mg/kg	(1)					26.6		16.9	
Chloride	16887-00-6	mg/kg	(1)					16.2		< 6.05 U	
Cyanide	57-12-5	mg/kg	(1)					< 0.92 U		< 0.92 U	
Fluoride	16984-48-8	mg/kg	(1)					< 3.62 U		< 3.62 U	
Nitrate	14797-55-8	mg/kg	(1)								
Nitrate	14797-55-8	ug/g	(1)	< 15					< 15		< 15
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)					0.82		< 0.6 U	
Nitrite	14797-65-0	mg/kg	(1)								
Nitrite	14797-65-0	ug/g	(1)			< 2.5			< 2.5		< 2.5
Phosphate	14265-44-2	mg/kg	(1)					130		1200	
Phosphorus	7723-14-0	mg/kg	(1)								
Sulfate	14808-79-8	mg/kg	(1)					< 90.4 U		< 90.4 U	
Sulfate	14808-79-8	ug/g	(1)		< 71				< 71		< 71
Sulfide	18496-25-8	mg/kg	(1)					< 6 U		9.99	
Total organic carbon	TOC	mg/kg	(1)					11500		1320	

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-003	K-3-SD-004	K-3-SD-004	K-3-SD-004	K-3-SD-004	K-3-SD-005	K-3-SD-006	K-3-SD-007
			Sample Date	8/28/1996	4/22/1988	4/22/1988	8/29/1996	8/29/1996	8/8/1996	8/8/1996	8/8/1996
			Depth Interval	0 - 1	.5	4.9	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	3SD-3(0-1)	SD3-4(0.5)	SD3-4(4.9)	3SD-4(0-1)	3SD-4DUP(0-1)	3SD-5(0-1)	3SD-6(0-1)	3SD-7(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Dioxins											
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)								
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)								
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)								
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)								
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)								
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)								
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)								
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)								
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)								
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)								
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.488 U			< 0.488 U		< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.496 U			< 0.496 U		< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.456 U			< 0.456 U		< 0.456 U	< 0.456 U	< 0.456 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								
2-Nitrotoluene	88-72-2	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								
4-Nitrotoluene	99-99-0	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)	< 0.666 U			< 0.666 U		< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 2.41 UJ			< 2.41 UJ		< 2.41 U	< 2.41 U	< 2.41 U
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)	< 10.4 U			< 10.4 U		< 10.4 U	< 10.4 U	< 10.4 U
Nitrocellulose	9004-70-0	ug/g	(1)		< 254						
Nitroglycerin	55-63-0	mg/kg	(1)	< 4 U			< 4 U		< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.475 R			< 0.475 R		< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	(1)	< 4 U			< 4 U		< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	(1)	< 0.108 U			< 0.108 U		< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	(1)	< 0.587 U			< 0.587 U		< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)	< 1.19 U			< 1.19 U		< 1.19 U	< 1.19 U	< 1.19 U
Tetryl	479-45-8	mg/kg	(1)	< 0.731 U			< 0.731 U		< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.424 U			< 0.424 U		< 0.424 U	< 0.424 U	< 0.424 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.524 U			< 0.524 U		< 0.524 U	< 0.524 U	< 0.524 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Furans											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)								
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)								
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)								
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)								
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)								
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)								
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)								
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)								
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)								
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)								
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)								
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)								
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)								
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	3 K-3-SD-003 8/28/1996 0 - 1 3SD-3(0-1) SE	3 K-3-SD-004 4/22/1988 .5 SD3-4(0.5) SE	3 K-3-SD-004 4/22/1988 4.9 SD3-4(4.9) SE	3 K-3-SD-004 8/29/1996 0 - 1 3SD-4(0-1) SE	3 K-3-SD-004 8/29/1996 0 - 1 3SD-4DUP(0-1) SE	3 K-3-SD-005 8/8/1996 0 - 1 3SD-5(0-1) SE	3 K-3-SD-006 8/8/1996 0 - 1 3SD-6(0-1) SE	3 K-3-SD-007 8/8/1996 0 - 1 3SD-7(0-1) SE
Isotope											
Radium-228	15262-20-1	pCi/g	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)	3860			6250		8210	10100	4670
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U			< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	2.05			1.77		4.93	4.85	7.44
Barium	7440-39-3	mg/kg	(1)	17.1			34.5		36.4	47.8	37.4
Barium	7440-39-3	ug/g	(1)			19					
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U			< 0.5 U		< 0.5 U	0.97	0.79
Boron	7440-42-8	mg/kg	(1)	< 5.91 U			< 5.91 U		< 5.91 U	15.6	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U			< 0.7 U		< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	857			1840		1720	1370	745
Chromium	7440-47-3	mg/kg	(1)	7.78			16.4		9.81	18.7	9.37
Chromium	7440-47-3	ug/g	(1)			5.3					
Cobalt	7440-48-4	mg/kg	(1)	5.71			9.6		6.38	7.41	8.98
Copper	7440-50-8	mg/kg	(1)	11.5			18.3		10.3	17.5	13.3
Iron	7439-89-6	mg/kg	(1)	9270			14100		19500	17500	25100
Lead	7439-92-1	mg/kg	(1)	3.96			5.38		22.8	39.8	11.5
Magnesium	7439-95-4	mg/kg	(1)	1040			2450		2780	1920	1720
Manganese	7439-96-5	mg/kg	(1)	118			118		320	143	293
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U			< 0.05 U		< 0.05 UJ	< 0.05 UJ	< 0.05 UJ
Nickel	7440-02-0	mg/kg	(1)	7.26			12.4		6.1	12.6	8.43
Potassium	7440-09-7	mg/kg	(1)	378			1020		886	669	500
Selenium	7782-49-2	mg/kg	(1)	0.37			< 0.25 U		< 0.25 UJ	0.61 J	< 0.25 UJ
Silver	7440-22-4	mg/kg	(1)	< 0.589 U			< 0.589 U		< 0.589 U	< 0.589 U	1.78
Sodium	7440-23-5	mg/kg	(1)	431			410		527	815	495
Strontium	7440-24-6	mg/kg	(1)	7.81			7.15		7.87	9.08	5.57
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U			< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	352			306		414	580	114
Vanadium	7440-62-2	mg/kg	(1)	14			25.8		18.2	32.3	18.1
Zinc	7440-66-6	mg/kg	(1)	13.4			28.6		69.4	68	88.2
Zirconium	7440-67-7	mg/kg	(1)	< 2.5 U			4.3		< 2.5 U	5.94	< 2.5 U
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								
Aroclor 1221	11104-28-2	mg/kg	(1)								
Aroclor 1232	11141-16-5	mg/kg	(1)								
Aroclor 1242	53469-21-9	mg/kg	(1)								
Aroclor 1248	12672-29-6	mg/kg	(1)								
Aroclor 1254	11097-69-1	mg/kg	(1)								
Aroclor 1260	11096-82-5	mg/kg	(1)								
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								
4,4'-DDE	72-55-9	mg/kg	(1)								
4,4'-DDT	50-29-3	mg/kg	(1)								
Aldrin	309-00-2	mg/kg	(1)								
alpha-BHC	319-84-6	mg/kg	(1)								
alpha-Chlordane	5103-71-9	mg/kg	(1)								
beta-BHC	319-85-7	mg/kg	(1)								
Chlordane	57-74-9	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)								
Diazinon	333-41-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)								
Endosulfan I	959-98-8	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-003	K-3-SD-004	K-3-SD-004	K-3-SD-004	K-3-SD-004	K-3-SD-005	K-3-SD-006	K-3-SD-007
			Sample Date	8/28/1996	4/22/1988	4/22/1988	8/29/1996	8/29/1996	8/8/1996	8/8/1996	8/8/1996
			Depth Interval	0 - 1	.5	4.9	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	3SD-3(0-1)	SD3-4(0.5)	SD3-4(4.9)	3SD-4(0-1)	3SD-4DUP(0-1)	3SD-5(0-1)	3SD-6(0-1)	3SD-7(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Pesticides (continued)											
Endosulfan II	33213-65-9	mg/kg	(1)								
Endosulfan sulfate	1031-07-8	mg/kg	(1)								
Endrin	72-20-8	mg/kg	(1)								
Endrin aldehyde	7421-93-4	mg/kg	(1)								
Endrin ketone	53494-70-5	mg/kg	(1)								
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								
gamma-Chlordane	5103-74-2	mg/kg	(1)								
Heptachlor	76-44-8	mg/kg	(1)								
Heptachlor epoxide	1024-57-3	mg/kg	(1)								
Isodrin	465-73-6	mg/kg	(1)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U			< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)								
Radiological											
Americium-241	86954-36-1	pCi/g	(1)	< 0.266 U			< 0.898 U		0.06	< 0.17 U	< 0.514 U
Cesium-137	10045-97-3	pCi/g	(1)	< 0.0281 U			0.07		0.07	< 0.0311 U	0.08
Cobalt-60	10198-40-0	pCi/g	(1)	0.04			0.04		< 0.0292 U	< 0.0295 U	< 0.0322 U
Gross alpha	12587-46-1	pCi/g	(1)	0.48			1.63	1.89	1.62	1.95	1.81
Gross beta	12587-47-2	pCi/g	(1)	0.8			< 1.95 U	2.05	2.76	2.15	1.74
Radium-226	13982-63-3	pCi/g	(1)	0.41			0.55		0.53	0.57	0.58
Total Uranium	7440-61-1 U	mg/kg	(1)	1.09			1.27		1.1	1.86	1.11
Uranium-234	13966-29-5	pCi/g	(1)								
Uranium-235	15117-96-1	pCi/g	(1)	0.01			0.03		< 0.92 U	0.01	0.01
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.21			0.52		0.21	0.34	0.35
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U			< 0.04 U		< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U			< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U			< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U			< 0.098 U		< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U			< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U			< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U			< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U			< 0.69 U		< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U			< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U			< 0.036 U		< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U			< 0.06 U		< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U			< 0.049 U		< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U			< 0.029 U		< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U			< 0.062 U		< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U			< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U			< 6.3 U		< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U			< 0.45 U		< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U			< 0.55 U		< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U			< 0.095 U		< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U			< 0.81 U		< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#			< 0.24 U#		< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U			< 0.41 U		< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U			< 1.4 U		< 1.4 U	< 1.4 U	< 1.4 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 K-3-SD-003 8/28/1996 0 - 1 3SD-3(0-1) SE (1)	3 K-3-SD-004 4/22/1988 .5 SD3-4(0.5) SE	3 K-3-SD-004 4/22/1988 4.9 SD3-4(4.9) SE	3 K-3-SD-004 8/29/1996 0 - 1 3SD-4(0-1) SE	3 K-3-SD-004 8/29/1996 0 - 1 3SD-4DUP(0-1) SE	3 K-3-SD-005 8/8/1996 0 - 1 3SD-5(0-1) SE	3 K-3-SD-006 8/8/1996 0 - 1 3SD-6(0-1) SE	3 K-3-SD-007 8/8/1996 0 - 1 3SD-7(0-1) SE
SVOC (continued)											
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U			< 0.036 U		< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U			< 0.65 U		< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U			< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U			< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U			< 0.21 U		< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U			< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U			0.08		< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U			< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U			< 0.059 U		< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U			< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	0.83			< 0.62 U		< 0.62 U	1.6	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U			< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U			< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U			0.2		< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U			< 0.21 U		< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U			< 0.035 U		< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U			< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U			< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U			< 0.061 U		< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U			< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U			< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U			0.43		< 0.068 U	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U			< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U			< 6.2 U		< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U			< 0.15 U		< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U			< 0.29 U		< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U			< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U			< 0.037 U		< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U			< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U			< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U			< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U			0.27		< 0.033 U	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U			< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U			0.31		< 0.033 U	0.06	< 0.033 U
TPH											
Diesel Fuel	68334-30-5	mg/kg	(1)								
Gasoline range organics	GRO	mg/kg	(1)								
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)								
TRPH	TRPH	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								

Chemical Name	CAS No	Unit	ValueNo	Site Name: 3 / Location ID: K-3-SD-003 / Sample Date: 8/28/1996 / Depth Interval: 0 - 1 / Sample ID: 3SD-3(0-1) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-004 / Sample Date: 4/22/1988 / Depth Interval: .5 / Sample ID: SD3-4(0.5) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-004 / Sample Date: 4/22/1988 / Depth Interval: 4.9 / Sample ID: SD3-4(4.9) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-004 / Sample Date: 8/29/1996 / Depth Interval: 0 - 1 / Sample ID: 3SD-4(0-1) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-004 / Sample Date: 8/29/1996 / Depth Interval: 0 - 1 / Sample ID: 3SD-4DUP(0-1) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-005 / Sample Date: 8/8/1996 / Depth Interval: 0 - 1 / Sample ID: 3SD-5(0-1) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-006 / Sample Date: 8/8/1996 / Depth Interval: 0 - 1 / Sample ID: 3SD-6(0-1) / Sample Matrix: SE	Site Name: 3 / Location ID: K-3-SD-007 / Sample Date: 8/8/1996 / Depth Interval: 0 - 1 / Sample ID: 3SD-7(0-1) / Sample Matrix: SE
VOC (continued)											
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acetonitrile	75-05-8	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethanol	64-17-5	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Isopropanol	67-63-0	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
tert-Butylalcohol	75-65-0	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl acetate	108-05-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)								
Ammonia	7664-41-7	mg/kg	(1)	< 12.5 U			< 12.5 U		36.9	133	< 12.5 U
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U			< 6.05 U		7.98	< 6.05 U	14
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U			< 0.92 U		< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	10.9			< 3.62 U		< 3.62 U	< 3.62 U	< 3.62 U
Nitrate	14797-55-8	mg/kg	(1)								
Nitrate	14797-55-8	ug/g	(1)		< 15						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U			< 0.6 U		< 0.6 U	< 0.6 U	< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)								
Nitrite	14797-65-0	ug/g	(1)		< 2.5						
Phosphate	14265-44-2	mg/kg	(1)	380			760		< 7.49 U	290	250
Phosphorus	7723-14-0	mg/kg	(1)								
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U			< 90.4 U		< 90.4 U	< 90.4 U	< 90.4 U
Sulfate	14808-79-8	ug/g	(1)			< 71					
Sulfide	18496-25-8	mg/kg	(1)	< 6 U			< 6 U		< 6 U	560	23
Total organic carbon	TOC	mg/kg	(1)	4230			1620		8240	16900	2110

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-008	K-3-SD-009	K-3-SD-010A	K-3-SD-010A	K-3-SD-011	K-3-SD-012	K-3-SD-012	K-3-SD-013
			Sample Date	8/8/1996	8/12/1996	8/7/1996	10/9/1998	6/12/1996	6/14/1996	10/9/1998	6/14/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - .5	0 - 1	0 - 1	0 - .5	0 - 1
			Sample ID	3SD-8(0-1)	3SD-9(0-1)	3SD-10(0-1)	3SD-10(0-0.5)	3SD-11(0-1)	3SD-12(0-1)	3SD-12(0-0.5)	3SD-13(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Dioxins											
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)		< 0.025 U						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)		< 0.021 U						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)		< 0.022 U						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)		< 0.02 U						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)		< 0.024 U						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)		< 0.01 U						
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)		< 0.027 U						
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)		< 0.025 U						
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)		< 0.02 U						
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)		< 0.024 U						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)		< 0.01 U						
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.488 U	< 0.488 U	< 0.488 U		< 0.488 U	< 0.488 U		< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.496 U	< 0.496 U	< 0.496 U		< 0.496 U	< 0.496 U		< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.456 U	< 0.456 U	< 0.456 U		< 0.456 U	< 0.456 U		< 0.456 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								
2-Nitrotoluene	88-72-2	mg/kg	(1)								
3-Nitrotoluene	99-08-1	mg/kg	(1)								
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								
4-Nitrotoluene	99-99-0	mg/kg	(1)								
HMX	2691-41-0	mg/kg	(1)	< 0.666 U	< 0.666 U	< 0.666 U		< 0.666 U	< 0.666 U		< 0.666 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 2.41 U	< 2.41 U	< 2.41 U		< 2.41 U	< 2.41 U		< 2.41 U
Nitrobenzene	98-95-3	mg/kg	(2)								
Nitrocellulose	9004-70-0	mg/kg	(1)	< 10.4 U	< 10.4 U	< 10.4 U		< 10.4 U	< 10.4 U		< 10.4 U
Nitrocellulose	9004-70-0	ug/g	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)	< 4 U	< 4 U	< 4 U		< 4 U	< 4 U		< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.475 U	< 0.475 UJ	< 0.475 U		< 0.475 U	< 0.475 U		< 0.475 U
PETN	78-11-5	mg/kg	(1)	< 4 U	< 4 U	< 4 U		< 4 U	< 4 U		< 4 U
Picric Acid	88-89-1	mg/kg	(1)	< 0.108 U	< 0.108 U	< 0.108 U		< 0.108 U	< 0.108 U		< 0.108 U
RDX	121-82-4	mg/kg	(1)	< 0.587 U	< 0.587 U	< 0.587 U		< 0.587 U	< 0.587 U		< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)	< 1.19 U	< 1.19 U	< 1.19 U		< 1.19 R	< 1.19 R		< 1.19 R
Tetryl	479-45-8	mg/kg	(1)	< 0.731 U	< 0.731 U	< 0.731 U		< 0.731 U	< 0.731 U		< 0.731 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.424 U	< 0.424 U	< 0.424 U		< 0.424 U	< 0.424 U		< 0.424 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.524 U	< 0.524 U	< 0.524 U		< 0.524 U	< 0.524 U		< 0.524 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								
Furans											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)		< 0.018 U						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)		< 0.022 U						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)		< 0.012 U						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)		< 0.012 U						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)		< 0.014 U						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)		< 0.013 U						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)		< 0.012 U						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)		< 0.013 U						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)		< 0.016 U						
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)		< 0.92 U						
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)		< 0.018 U						
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)		< 0.012 U						
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)		< 0.013 U						
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)		< 0.016 U						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 K-3-SD-008 8/8/1996 0 - 1 3SD-8(0-1) SE	3 K-3-SD-009 8/12/1996 0 - 1 3SD-9(0-1) SE	3 K-3-SD-010A 8/7/1996 0 - 1 3SD-10(0-1) SE	3 K-3-SD-010A 10/9/1998 0 - .5 3SD-10(0-0.5) SE	3 K-3-SD-011 6/12/1996 0 - 1 3SD-11(0-1) SE	3 K-3-SD-012 6/14/1996 0 - 1 3SD-12(0-1) SE	3 K-3-SD-012 10/9/1998 0 - .5 3SD-12(0-0.5) SE	3 K-3-SD-013 6/14/1996 0 - 1 3SD-13(0-1) SE
Isotope											
Radium-228	15262-20-1	pCi/g	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)	3790	11700	7740		6770	14300		8290
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U		0.6	< 0.1 UJ		< 0.1 UJ
Arsenic	7440-38-2	mg/kg	(1)	2.5	2.3	4.98		15.4	7		2.87
Barium	7440-39-3	mg/kg	(1)	21.7	45.5	161		88.6	89.6		39.2
Barium	7440-39-3	ug/g	(1)								
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	1.03	1.06		< 0.5 U	< 0.5 U		< 0.5 U
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U	< 5.91 U		24.4	29.7		9.57
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U		1.74	< 0.7 U		< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	496	911	5990		14900	5890		2100
Chromium	7440-47-3	mg/kg	(1)	7.09	17.7	19.3		54.7	45.2		15
Chromium	7440-47-3	ug/g	(1)								
Cobalt	7440-48-4	mg/kg	(1)	3.55	6.05	10.2		7.24	9.99		5.93
Copper	7440-50-8	mg/kg	(1)	9.31	13.4	16.3		36.6	39.5		19.9
Iron	7439-89-6	mg/kg	(1)	10800	14300	22500		19100	25100		17200
Lead	7439-92-1	mg/kg	(1)	17.2	8.25	14		40.2	43.8		15.1
Magnesium	7439-95-4	mg/kg	(1)	916	1720	4260		4830	4560		2170
Manganese	7439-96-5	mg/kg	(1)	95	65	2740		265	291		118
Mercury	7439-97-6	mg/kg	(1)	< 0.05 UJ	< 0.05 U	< 0.05 U		0.19	< 0.05 U		< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	3.81	10.7	13.5		13.7	18.7		8.57
Potassium	7440-09-7	mg/kg	(1)	342	349	821		1110	1570		728
Selenium	7782-49-2	mg/kg	(1)	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ		3.56	2.28		1.05
Silver	7440-22-4	mg/kg	(1)	3.25	< 0.589 U	< 0.589 U		< 0.589 U	< 0.589 U		< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	507	624	638		559	1120		581
Strontium	7440-24-6	mg/kg	(1)	8.81	9.02	54		24.1	25		21
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U		< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	267	498	573		227	674		430
Vanadium	7440-62-2	mg/kg	(1)	15	31.9	31.4		28.9	41.1		28.6
Zinc	7440-66-6	mg/kg	(1)	41.9	42.2	98.5		196	225		114
Zirconium	7440-67-7	mg/kg	(1)	< 2.5 U	4.77	10.3		13.7	< 2.5 U		5.12
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.0666 U						
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.082 UT						
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.082 UT						
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.082 UT						
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.082 UT						
Aroclor 1254	11097-69-1	mg/kg	(1)		< 0.082 UT						
Aroclor 1260	11096-82-5	mg/kg	(1)		< 0.0804 U						
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)		< 0.826 U						
4,4'-DDE	72-55-9	mg/kg	(1)		< 0.765 U						
4,4'-DDT	50-29-3	mg/kg	(1)		< 0.707 U						
Aldrin	309-00-2	mg/kg	(1)		< 0.729 U						
alpha-BHC	319-84-6	mg/kg	(1)		< 0.907 U						
alpha-Chlordane	5103-71-9	mg/kg	(1)		< 0.5 UT						
beta-BHC	319-85-7	mg/kg	(1)		< 0.257 U						
Chlordane	57-74-9	mg/kg	(1)								
delta-BHC	319-86-8	mg/kg	(1)		< 0.555 U						
Diazinon	333-41-5	mg/kg	(1)		< 0.0133 UT						
Dieldrin	60-57-1	mg/kg	(1)		< 0.629 U						
Endosulfan I	959-98-8	mg/kg	(1)		< 0.602 U						

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-008	K-3-SD-009	K-3-SD-010A	K-3-SD-010A	K-3-SD-011	K-3-SD-012	K-3-SD-012	K-3-SD-012	K-3-SD-013
			Sample Date	8/8/1996	8/12/1996	8/7/1996	10/9/1998	6/12/1996	6/14/1996	10/9/1998	10/9/1998	6/14/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - .5	0 - 1	0 - 1	0 - .5	0 - .5	0 - 1
			Sample ID	3SD-8(0-1)	3SD-9(0-1)	3SD-10(0-1)	3SD-10(0-0.5)	3SD-11(0-1)	3SD-12(0-1)	3SD-12(0-0.5)	3SD-12(0-0.5)	3SD-13(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo									
Pesticides (continued)												
Endosulfan II	33213-65-9	mg/kg	(1)		< 0.663 U							
Endosulfan sulfate	1031-07-8	mg/kg	(1)		< 0.763 U							
Endrin	72-20-8	mg/kg	(1)		< 0.657 U							
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 0.024 U							
Endrin ketone	53494-70-5	mg/kg	(1)		< 0.024 UT							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.638 U							
gamma-Chlordane	5103-74-2	mg/kg	(1)		< 0.5 UT							
Heptachlor	76-44-8	mg/kg	(1)		< 0.618 U							
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.62 U							
Isodrin	465-73-6	mg/kg	(1)		< 0.461 U							
Malathion	121-75-5	mg/kg	(1)		< 0.0133 UT							
Methoxychlor	72-43-5	mg/kg	(1)		< 0.0711 U							
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	1.6			< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)		< 0.444 U							
Radiological												
Americium-241	86954-36-1	pCi/g	(1)	< 0.0717 U	< 0.059 U	< 0.701 U		< 0.356 U	< 0.17 U			< 0.0497 U
Cesium-137	10045-97-3	pCi/g	(1)	0.13	0.05	< 0.0326 U		0.17	< 0.0364 U			0.05
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.0374 U	< 0.0347 U	< 0.0353 U		< 0.0434 U	< 0.0401 U			< 0.0427 U
Gross alpha	12587-46-1	pCi/g	(1)	1.18	1.88	6.9		2.74	2.31			1.72
Gross beta	12587-47-2	pCi/g	(1)	1.52	< 2.12 U	4.1		3.51	1.66			1.61
Radium-226	13982-63-3	pCi/g	(1)	0.38	0.6	0.85		0.69	0.56			0.51
Total Uranium	7440-61-1 U	mg/kg	(1)	0.79	1.42	1.33		1.03	0.68			0.73
Uranium-234	13966-29-5	pCi/g	(1)									
Uranium-235	15117-96-1	pCi/g	(1)	0.02	0.02	0.02		0.02	0.01			0.01
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.26	0.48	0.68		0.32	0.24			0.21
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.24 U							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U		< 0.04 U	< 0.04 U			< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U	< 0.11 U			< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U			< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U		< 0.098 U	< 0.098 U			< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U	< 0.1 U			< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U			< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U		< 0.18 U	< 0.18 U			< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U	< 0.69 U			< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U	< 1.2 U			< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U		< 0.036 U	< 0.036 U			< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U		< 0.06 U	< 0.06 U			< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 U		< 0.049 U	< 0.049 U			< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U		< 0.029 U	< 0.029 U			< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U		< 0.062 U	< 0.062 U			< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U	< 0.14 U			< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U		< 6.3 U	< 6.3 U			< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U		< 0.45 U	< 0.45 U			< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U		< 0.55 U	< 0.55 U			< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U		< 0.095 U	< 0.095 U			< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U		< 0.81 U	< 0.81 U			< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U			< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#		< 0.24 U#	< 0.24 U#			< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U		< 0.41 U	< 0.41 U			< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U		< 1.4 U	< 1.4 U			< 1.4 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 K-3-SD-008 8/8/1996 0 - 1 3SD-8(0-1) SE	3 K-3-SD-009 8/12/1996 0 - 1 3SD-9(0-1) SE	3 K-3-SD-010A 8/7/1996 0 - 1 3SD-10(0-1) SE	3 K-3-SD-010A 10/9/1998 0 - .5 3SD-10(0-0.5) SE	3 K-3-SD-011 6/12/1996 0 - 1 3SD-11(0-1) SE	3 K-3-SD-012 6/14/1996 0 - 1 3SD-12(0-1) SE	3 K-3-SD-012 10/9/1998 0 - .5 3SD-12(0-0.5) SE	3 K-3-SD-013 6/14/1996 0 - 1 3SD-13(0-1) SE
SVOC (continued)											
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U		< 0.036 U	< 0.036 U		0.23
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U		< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U		< 0.65 U	< 0.65 U		< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U		0.14
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U		0.55
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U		0.6
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U		< 0.21 U	< 0.21 U		0.88
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U	< 0.25 U		< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U		< 0.066 U	< 0.066 U		0.27
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U		< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U		< 0.059 U	< 0.059 U		< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U		< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U		< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U		< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U		< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U	< 0.14 U		< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U		< 0.12 U	< 0.12 U		0.7
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U		< 0.21 U	< 0.21 U		< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U		< 0.035 U	< 0.035 U		< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U		< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U		< 0.061 U	< 0.061 U		< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U		< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	0.2	< 0.13 U	< 0.13 U		< 0.13 U	< 0.13 U		< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	0.17	< 0.068 U	< 0.068 U		< 0.068 U	0.26		1.4
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U		0.08
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U		< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U		< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U		< 6.2 U	< 6.2 U		< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U	< 0.15 U		< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U		< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U	< 0.033 U		< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 U		< 0.037 U	< 0.037 U		< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U	< 0.2 U		< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U	< 0.19 U		< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U	< 1.3 U		< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	0.06	< 0.033 U	< 0.033 U		< 0.033 U	0.15		0.39
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U	< 0.11 U		< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	0.15	< 0.033 U	< 0.033 U		< 0.033 U	0.3		1
TPH											
Diesel Fuel	68334-30-5	mg/kg	(1)		< 7.98 U						
Gasoline range organics	GRO	mg/kg	(1)		< 8 U						
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)		< 8 U						
TRPH	TRPH	mg/kg	(1)		< 27.8 U						
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.44 U						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)		< 0.82 U						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.54 U						
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.23 U						
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.39 U						
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.17 U						
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)		< 0.3 U						

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-008	K-3-SD-009	K-3-SD-010A	K-3-SD-010A	K-3-SD-011	K-3-SD-012	K-3-SD-012	K-3-SD-013
			Sample Date	8/8/1996	8/12/1996	8/7/1996	10/9/1998	6/12/1996	6/14/1996	10/9/1998	6/14/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - .5	0 - 1	0 - 1	0 - .5	0 - 1
			Sample ID	3SD-8(0-1)	3SD-9(0-1)	3SD-10(0-1)	3SD-10(0-0.5)	3SD-11(0-1)	3SD-12(0-1)	3SD-12(0-0.5)	3SD-13(0-1)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
VOC (continued)											
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.29 U						
2-Butanone	78-93-3	mg/kg	(1)		< 0.07 U						
2-Hexanone	591-78-6	mg/kg	(1)		< 0.032 U						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 0.027 U						
Acetone	67-64-1	mg/kg	(1)		< 0.017 U						
Acetonitrile	75-05-8	mg/kg	(1)		< 0.23 U						
Benzene	71-43-2	mg/kg	(1)		< 0.15 U						
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.29 U						
Bromoform	75-25-2	mg/kg	(1)		< 0.69 U						
Bromomethane	74-83-9	mg/kg	(1)		< 0.57 U						
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.44 U						
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.7 U						
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.086 U						
Chloroethane	75-00-3	mg/kg	(1)		< 0.012 U						
Chloroform	67-66-3	mg/kg	(1)		< 0.087 U						
Chloromethane	74-87-3	mg/kg	(1)		< 0.88 U						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 0.32 U						
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.31 U						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 0.014 U						
Ethanol	64-17-5	mg/kg	(1)		< 3.7 U						
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.17 U						
Isopropanol	67-63-0	mg/kg	(1)		< 0.79 U						
Methylene chloride	75-09-2	mg/kg	(1)		< 0.012 U						
Styrene	100-42-5	mg/kg	(1)		< 0.26 U						
tert-Butylalcohol	75-65-0	mg/kg	(1)		< 0.5 U						
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.081 U						
Toluene	108-88-3	mg/kg	(1)		0.15						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 0.28 U						
Trichloroethene	79-01-6	mg/kg	(1)		< 0.28 U						
Trichlorofluoromethane	75-69-4	mg/kg	(1)		0.86						
Vinyl acetate	108-05-4	mg/kg	(1)		< 0.032 U						
Vinyl chloride	75-01-4	mg/kg	(1)		< 0.62 U						
Xylenes	1330-20-7	mg/kg	(1)		< 0.15 U						
WetChem											
% Solids	%Solid	%	(1)								
Ammonia	7664-41-7	mg/kg	(1)	93.8	105	19		77.4	212		36
Chloride	16887-00-6	mg/kg	(1)	20.6	20.5	< 6.05 U		< 6.05 U	< 6.05 U		< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U		< 0.92 U	< 0.92 U		< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U	11.6	< 3.62 U		< 3.62 U	< 3.62 U		< 3.62 U
Nitrate	14797-55-8	mg/kg	(1)								
Nitrate	14797-55-8	ug/g	(1)								
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	0.79	< 0.6 U		< 0.6 U	< 0.6 U		< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)								
Nitrite	14797-65-0	ug/g	(1)								
Phosphate	14265-44-2	mg/kg	(1)	< 7.49 U	330	270		3800	1400		310
Phosphorus	7723-14-0	mg/kg	(1)								
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U		158	< 90.4 U		< 90.4 U
Sulfate	14808-79-8	ug/g	(1)								
Sulfide	18496-25-8	mg/kg	(1)	210	30.2	380		710	1400		110
Total organic carbon	TOC	mg/kg	(1)	10900	17900	5210	21000	16000	52400	15800	24200

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-014	K-3-SD-014	K-3-SD-015	K-3-SD-016	K-3-SD-017	K-3-SD-017	K-3-SD-017	K-3-SD-018
			Sample Date	6/14/1996	5/10/2001	6/10/1996	6/10/1996	6/14/1996	10/9/1998	5/10/2001	10/16/1998
			Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - .5	1 - 2	0 - .5
			Sample ID	3SD-14(0-1)	3SD-14B(1-2)	3SD-15(0-1)	3SD-16(0-1)	3SD-17(0-1)	3SD-17(0-0.5)	3SD-17B(1-2)	3SD-18(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Dioxins											
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)								
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)								
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)								
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)								
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)								
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)								
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)								
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)								
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)								
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)								
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)								
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.488 U		< 0.488 U	< 0.488 U	< 0.488 U			< 0.1 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.496 U		< 0.496 U	< 0.496 U	< 0.496 U			< 0.1 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.456 U		< 0.456 U	< 0.456 U	< 0.456 U			< 0.1 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)								< 0.1 U
2-Nitrotoluene	88-72-2	mg/kg	(1)								< 0.2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)								< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)								< 0.1 U
4-Nitrotoluene	99-99-0	mg/kg	(1)								< 0.2 U
HMX	2691-41-0	mg/kg	(1)	< 0.666 U		< 0.666 U	< 0.666 U	< 0.666 U			< 0.2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 2.41 U		< 2.41 U	< 2.41 U	< 2.41 U		< 0.42 U	< 0.1 U
Nitrobenzene	98-95-3	mg/kg	(2)								< 0.07 U
Nitrocellulose	9004-70-0	mg/kg	(1)	< 10.4 U		< 10.4 U	< 10.4 U	< 10.4 U			< 10 UR
Nitrocellulose	9004-70-0	ug/g	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)	< 4 U		< 4 U	< 4 U	< 4 U			< 4.03 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.475 U		< 0.475 U	< 0.475 U	< 0.475 U			< 0.475 U
PETN	78-11-5	mg/kg	(1)	< 4 U		< 4 U	< 4 U	< 4 U			< 4.03 U
Picric Acid	88-89-1	mg/kg	(1)	< 0.108 U		< 0.108 U	< 0.108 U	< 0.108 U			
RDX	121-82-4	mg/kg	(1)	< 0.587 U		< 0.587 U	< 0.587 U	< 0.587 U			< 0.2 U
Tetrazene	14097-21-3	mg/kg	(1)	< 1.19 R		< 1.19 R	< 1.19 R	< 1.19 R			
Tetryl	479-45-8	mg/kg	(1)	< 0.731 U		< 0.731 U	< 0.731 U	< 0.731 U			< 0.2 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.424 U		< 0.424 U	< 0.424 U	< 0.424 U		< 0.42 U	< 0.14 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)								< 0.1 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.524 U		< 0.524 U	< 0.524 U	< 0.524 U		< 0.42 U	< 0.1 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)								< 0.14 U
Furans											
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)								
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)								
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)								
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)								
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)								
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)								
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)								
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)								
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)								
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)								
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)								
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)								
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)								
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix ValueNo	3 K-3-SD-014 6/14/1996 0 - 1 3SD-14(0-1) SE	3 K-3-SD-014 5/10/2001 1 - 2 3SD-14B(1-2) SE	3 K-3-SD-015 6/10/1996 0 - 1 3SD-15(0-1) SE	3 K-3-SD-016 6/10/1996 0 - 1 3SD-16(0-1) SE	3 K-3-SD-017 6/14/1996 0 - 1 3SD-17(0-1) SE	3 K-3-SD-017 10/9/1998 0 - .5 3SD-17(0-0.5) SE	3 K-3-SD-017 5/10/2001 1 - 2 3SD-17B(1-2) SE	3 K-3-SD-018 10/16/1998 0 - .5 3SD-18(0-0.5) SE
Isotope											
Radium-228	15262-20-1	pCi/g	(1)		0.97						
Metals											
Aluminum	7429-90-5	mg/kg	(1)	8520	6670	2480	6000	6400			15800 J
Antimony	7440-36-0	mg/kg	(1)	11.5 J	< 1.2 R	< 0.1 U	< 0.1 U	< 0.1 UJ			0.19
Arsenic	7440-38-2	mg/kg	(1)	6.07	1.6	1.8	2.37	3.31			9.89
Barium	7440-39-3	mg/kg	(1)	65.5	23.6 J	13.3	39.6	28.3			116 J
Barium	7440-39-3	ug/g	(1)								
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	< 0.6 UJ	< 0.5 U	< 0.5 U	< 0.5 U			2.58 J
Boron	7440-42-8	mg/kg	(1)	13.3		< 5.91 U	< 5.91 U	18.1			< 4.81 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.24 U	< 0.7 U	< 0.7 U	< 0.7 U			2.86
Calcium	7440-70-2	mg/kg	(1)	2120	889 J	871	1820	2130			1990 J
Chromium	7440-47-3	mg/kg	(1)	49.4	14.6	< 4.05 U	15.9	12.8			< 0.962 R
Chromium	7440-47-3	ug/g	(1)								
Cobalt	7440-48-4	mg/kg	(1)	25.6	3.8 J	3.7	8.91	6.52			16.9 J
Copper	7440-50-8	mg/kg	(1)	55.5	6.7 J	6.33	13.3	58.2			56.7 J
Iron	7439-89-6	mg/kg	(1)	20800	10600	7170	17400	13100			26800 J
Lead	7439-92-1	mg/kg	(1)	17.3	4.1	4.8	7.08	20.1			249
Magnesium	7439-95-4	mg/kg	(1)	2820	1020 J	1010	2190	2870			3110 J
Manganese	7439-96-5	mg/kg	(1)	332	< 1.8 R	71.8	668	264			288 J
Mercury	7439-97-6	mg/kg	(1)	0.66	0.03 J	< 0.05 U	< 0.05 U	< 0.05 U			0.32
Nickel	7440-02-0	mg/kg	(1)	35.9	5.5	4.45	12.7	20.5			19.9
Potassium	7440-09-7	mg/kg	(1)	1260	407 J	315	590	901			1210
Selenium	7782-49-2	mg/kg	(1)	0.96	< 0.6 U	1.04	1.25	0.9			2.93
Silver	7440-22-4	mg/kg	(1)	1.18	< 0.6 U	< 0.589 U	< 0.589 U	< 0.589 U			15.9
Sodium	7440-23-5	mg/kg	(1)	523	< 600 U	450	461	609			227
Strontium	7440-24-6	mg/kg	(1)	12.9		11.1	12.8	11.6			12 J
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 1.2 U	< 0.1 U	< 0.1 U	< 0.1 U			0.36
Titanium	7440-32-6	mg/kg	(1)	491		286	401	217			696 J
Vanadium	7440-62-2	mg/kg	(1)	28.4	16	12.5	24.4	17.4			51.5 J
Zinc	7440-66-6	mg/kg	(1)	86.5	24.4	18.4	51.4	126			239 J
Zirconium	7440-67-7	mg/kg	(1)	8.03		4.22	7.85	< 2.5 U			3.91
PCBs											
Aroclor 1016	12674-11-2	mg/kg	(1)								< 0.027 U
Aroclor 1221	11104-28-2	mg/kg	(1)								< 0.027 U
Aroclor 1232	11141-16-5	mg/kg	(1)								< 0.013 U
Aroclor 1242	53469-21-9	mg/kg	(1)								< 0.013 U
Aroclor 1248	12672-29-6	mg/kg	(1)								< 0.027 U
Aroclor 1254	11097-69-1	mg/kg	(1)								0.05 NJ
Aroclor 1260	11096-82-5	mg/kg	(1)								< 0.027 U
Pesticides											
4,4'-DDD	72-54-8	mg/kg	(1)								< 0.07 U
4,4'-DDE	72-55-9	mg/kg	(1)								< 0.07 U
4,4'-DDT	50-29-3	mg/kg	(1)								< 0.07 U
Aldrin	309-00-2	mg/kg	(1)								< 0.07 U
alpha-BHC	319-84-6	mg/kg	(1)								< 0.07 U
alpha-Chlordane	5103-71-9	mg/kg	(1)								< 0.07 U
beta-BHC	319-85-7	mg/kg	(1)								< 0.07 U
Chlordane	57-74-9	mg/kg	(1)								< 0.3 U
delta-BHC	319-86-8	mg/kg	(1)								< 0.07 U
Diazinon	333-41-5	mg/kg	(1)								
Dieldrin	60-57-1	mg/kg	(1)								< 0.07 U
Endosulfan I	959-98-8	mg/kg	(1)								< 0.07 U

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-014	K-3-SD-014	K-3-SD-015	K-3-SD-016	K-3-SD-017	K-3-SD-017	K-3-SD-017	K-3-SD-018
			Sample Date	6/14/1996	5/10/2001	6/10/1996	6/10/1996	6/14/1996	10/9/1998	5/10/2001	10/16/1998
			Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - .5	1 - 2	0 - .5
			Sample ID	3SD-14(0-1)	3SD-14B(1-2)	3SD-15(0-1)	3SD-16(0-1)	3SD-17(0-1)	3SD-17(0-0.5)	3SD-17B(1-2)	3SD-18(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
Pesticides (continued)											
Endosulfan II	33213-65-9	mg/kg	(1)								< 0.07 U
Endosulfan sulfate	1031-07-8	mg/kg	(1)								< 0.07 U
Endrin	72-20-8	mg/kg	(1)								< 0.07 U
Endrin aldehyde	7421-93-4	mg/kg	(1)								< 0.07 U
Endrin ketone	53494-70-5	mg/kg	(1)								< 0.07 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)								< 0.07 U
gamma-Chlordane	5103-74-2	mg/kg	(1)								< 0.07 U
Heptachlor	76-44-8	mg/kg	(1)								< 0.07 U
Heptachlor epoxide	1024-57-3	mg/kg	(1)								< 0.07 U
Isodrin	465-73-6	mg/kg	(1)								
Malathion	121-75-5	mg/kg	(1)								
Methoxychlor	72-43-5	mg/kg	(1)								< 0.07 U
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	< 0.25 U			
Toxaphene	8001-35-2	mg/kg	(1)								< 0.067 U
Radiological											
Americium-241	86954-36-1	pCi/g	(1)	< 0.376 U	< 0.18 U	< 0.064 U	< 0.13 U	< 0.0593 U			
Cesium-137	10045-97-3	pCi/g	(1)	0.05	< 0.097 U	< 0.0292 U	0.04	0.08			
Cobalt-60	10198-40-0	pCi/g	(1)	0.06	< 0.13 U	< 0.0403 U	< 0.0289 U	< 0.0503 U			
Gross alpha	12587-46-1	pCi/g	(1)	6.01	16.1	3.01	2.72	1.94			
Gross beta	12587-47-2	pCi/g	(1)	5.49	25.3	2.59	1.92	2.27			
Radium-226	13982-63-3	pCi/g	(1)	1.97	0.6 J	0.57	0.51	0.43			
Total Uranium	7440-61-1 U	mg/kg	(1)	0.66	0.99 J	0.56	0.6	0.49			
Uranium-234	13966-29-5	pCi/g	(1)		0.79 J						
Uranium-235	15117-96-1	pCi/g	(1)	< 0.45 U	< 0.037 U	0.8	< 0.52 U	0.01			
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.21	0.52 J	0.17	0.2	0.18			
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U		< 0.04 U	< 0.04 U	< 0.04 U		< 0.42 U	< 0.1 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U		< 0.42 U	< 0.07 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U		< 0.42 U	< 0.07 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U		< 0.098 U	< 0.098 U	< 0.098 U		< 0.42 U	< 0.07 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U		< 0.1 U	< 0.1 U	< 0.1 U		< 0.42 U	< 0.3 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U		< 0.42 U	< 0.3 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U		< 0.18 U	< 0.18 U	< 0.18 U		< 0.42 U	< 0.14 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U		< 0.69 U	< 0.69 U	< 0.69 U		< 0.42 U	< 0.14 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U		< 1.2 U	< 1.2 U	< 1.2 U		< 2 U	< 1.3 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U		< 0.036 U	< 0.036 U	< 0.036 U		< 0.42 U	< 0.07 UJ
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U		< 0.06 U	< 0.06 U	< 0.06 U		< 0.42 U	< 0.14 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U		< 0.049 U	< 0.049 U	0.1		< 0.42 U	< 0.1 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U		< 0.029 U	< 0.029 U	< 0.029 U		< 0.42 U	< 0.14 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U		< 0.062 U	< 0.062 U	< 0.062 U		< 2 U	< 0.3 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U		< 0.14 U	< 0.14 U	< 0.14 U		< 0.42 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U		< 6.3 U	< 6.3 U	< 6.3 U		< 2 U	< 0.5 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U		< 0.45 U	< 0.45 U	< 0.45 U		< 2 U	< 0.3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U		< 0.55 U	< 0.55 U	< 0.55 U		< 2 U	< 1 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.42 U	< 0.14 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U		< 0.095 U	< 0.095 U	< 0.095 U		< 0.42 U	< 0.14 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U		< 0.81 U	< 0.81 U	< 0.81 U		< 0.42 U	< 0.3 UJ
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.42 U	< 0.1 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#		< 0.24 U#	< 0.24 U#	< 0.24 U#		< 0.42 U#	< 0.14 U
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U		< 0.41 U	< 0.41 U	< 0.41 U		< 2 U	< 0.3 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U		< 1.4 U	< 1.4 U	< 1.4 U		< 2 U	< 0.5 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 K-3-SD-014 6/14/1996 0 - 1 3SD-14(0-1) SE	3 K-3-SD-014 5/10/2001 1 - 2 3SD-14B(1-2) SE	3 K-3-SD-015 6/10/1996 0 - 1 3SD-15(0-1) SE	3 K-3-SD-016 6/10/1996 0 - 1 3SD-16(0-1) SE	3 K-3-SD-017 6/14/1996 0 - 1 3SD-17(0-1) SE	3 K-3-SD-017 10/9/1998 0 - .5 3SD-17(0-0.5) SE	3 K-3-SD-017 5/10/2001 1 - 2 3SD-17B(1-2) SE	3 K-3-SD-018 10/16/1998 0 - .5 3SD-18(0-0.5) SE
SVOC (continued)											
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U		< 0.036 U	< 0.036 U	0.87		0.5	< 0.07 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.42 U	< 0.07 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U		< 0.65 U	< 0.65 U	< 0.65 U		< 0.42 U	
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	0.98		0.57	< 0.07 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U		< 0.17 U	< 0.17 U	1.4		0.91	< 0.1 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	1.7		0.96	0.11 J
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U		< 0.21 U	< 0.21 U	2.5		1.1	0.15 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U		< 0.25 U	< 0.25 U	0.52		0.53	< 0.16 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U		< 0.066 U	< 0.066 U	0.73		0.51	0.06 J
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U		< 0.059 U	< 0.059 U	< 0.059 U		< 0.42 U	< 0.07 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.42 U	< 0.07 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.42 U	< 0.07 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U		< 0.62 U	< 0.62 U	1.5		0.18 J	< 0.1 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U		< 0.42 U	< 0.1 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U		< 0.14 U	< 0.14 U	0.52		0.25 J	< 0.1 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U		< 0.12 U	< 0.12 U	2.1		0.91	< 0.1 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U		< 0.21 U	< 0.21 U	< 0.21 U		0.14 J	< 0.16 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U		< 0.035 U	< 0.035 U	0.39		0.23 J	< 0.07 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U		< 0.24 U	< 0.24 U	< 0.24 U		< 0.42 U	< 0.07 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U		< 0.17 U	< 0.17 U	< 0.17 U		< 0.42 U	< 0.1 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U		< 0.061 U	< 0.061 U	< 0.061 U		< 0.42 U	< 0.07 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U		< 0.42 U	< 0.14 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U		< 0.13 U	< 0.13 U	< 0.13 U		< 0.42 U	
Fluoranthene	206-44-0	mg/kg	(1)	0.11		< 0.068 U	< 0.068 U	4.1		2.3	0.15 J
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	0.6		0.29 J	< 0.07 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.42 U	< 0.1 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U		< 0.23 U	< 0.23 U	< 0.23 U		< 0.42 U	< 0.14 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U		< 6.2 U	< 6.2 U	< 6.2 U		< 2 UJ	< 1 UJ
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U		< 0.15 U	< 0.15 U	< 0.15 U		< 0.42 U	< 0.1 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U		< 0.29 U	< 0.29 U	0.64		0.5	< 0.16 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U		< 0.033 U	< 0.033 U	< 0.033 U		< 0.42 U	< 0.14 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U		< 0.037 U	< 0.037 U	0.25		0.21 J	< 0.07 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U		< 0.2 U	< 0.2 U	< 0.2 U		< 0.42 U	< 0.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U		< 0.19 U	< 0.19 U	< 0.19 U		< 0.42 U	< 0.07 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U		< 1.3 U	< 1.3 U	< 1.3 U		< 0.42 U	< 0.5 U
Phenanthrene	85-01-8	mg/kg	(1)	0.05		< 0.033 U	< 0.033 U	4.1		2.5	0.08 J
Phenol	108-95-2	mg/kg	(1)	< 0.11 U		< 0.11 U	< 0.11 U	< 0.11 U		< 0.42 U	< 0.14 U
Pyrene	129-00-0	mg/kg	(1)	0.12		< 0.033 U	< 0.033 U	4.5		2	0.09 J
TPH											
Diesel Fuel	68334-30-5	mg/kg	(1)								
Gasoline range organics	GRO	mg/kg	(1)								
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)								
TRPH	TRPH	mg/kg	(1)								
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)								
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)								
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)								
1,1-Dichloroethane	75-34-3	mg/kg	(1)								
1,1-Dichloroethene	75-35-4	mg/kg	(1)								
1,2-Dichloroethane	107-06-2	mg/kg	(1)								
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)								

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3	3
			Location ID	K-3-SD-014	K-3-SD-014	K-3-SD-015	K-3-SD-016	K-3-SD-017	K-3-SD-017	K-3-SD-017	K-3-SD-018
			Sample Date	6/14/1996	5/10/2001	6/10/1996	6/10/1996	6/14/1996	10/9/1998	5/10/2001	10/16/1998
			Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1	0 - 1	0 - .5	1 - 2	0 - .5
			Sample ID	3SD-14(0-1)	3SD-14B(1-2)	3SD-15(0-1)	3SD-16(0-1)	3SD-17(0-1)	3SD-17(0-0.5)	3SD-17B(1-2)	3SD-18(0-0.5)
			Sample Matrix	SE	SE	SE	SE	SE	SE	SE	SE
			ValueNo								
VOC (continued)											
1,2-Dichloropropane	78-87-5	mg/kg	(1)								
2-Butanone	78-93-3	mg/kg	(1)								
2-Hexanone	591-78-6	mg/kg	(1)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)								
Acetone	67-64-1	mg/kg	(1)								
Acetonitrile	75-05-8	mg/kg	(1)								
Benzene	71-43-2	mg/kg	(1)								
Bromodichloromethane	75-27-4	mg/kg	(1)								
Bromoform	75-25-2	mg/kg	(1)								
Bromomethane	74-83-9	mg/kg	(1)								
Carbon disulfide	75-15-0	mg/kg	(1)								
Carbon tetrachloride	56-23-5	mg/kg	(1)								
Chlorobenzene	108-90-7	mg/kg	(1)								
Chloroethane	75-00-3	mg/kg	(1)								
Chloroform	67-66-3	mg/kg	(1)								
Chloromethane	74-87-3	mg/kg	(1)								
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)								
Dibromochloromethane	124-48-1	mg/kg	(1)								
Dichlorodifluoromethane	75-71-8	mg/kg	(1)								
Ethanol	64-17-5	mg/kg	(1)								
Ethyl benzene	100-41-4	mg/kg	(1)								
Isopropanol	67-63-0	mg/kg	(1)								
Methylene chloride	75-09-2	mg/kg	(1)								
Styrene	100-42-5	mg/kg	(1)								
tert-Butylalcohol	75-65-0	mg/kg	(1)								
Tetrachloroethene	127-18-4	mg/kg	(1)								
Toluene	108-88-3	mg/kg	(1)								
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)								
Trichloroethene	79-01-6	mg/kg	(1)								
Trichlorofluoromethane	75-69-4	mg/kg	(1)								
Vinyl acetate	108-05-4	mg/kg	(1)								
Vinyl chloride	75-01-4	mg/kg	(1)								
Xylenes	1330-20-7	mg/kg	(1)								
WetChem											
% Solids	%Solid	%	(1)		83.3					79.3	
Ammonia	7664-41-7	mg/kg	(1)	35.1		61.1	37.7	86.9			65.4
Chloride	16887-00-6	mg/kg	(1)	9.91		< 6.05 U	< 6.05 U	< 6.05 U			110 J
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U		< 0.92 U	< 0.92 U	< 0.92 U			
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U		< 3.62 U	7.92	< 3.62 U			11.9 J
Nitrate	14797-55-8	mg/kg	(1)								< 1.93 U
Nitrate	14797-55-8	ug/g	(1)								
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U		< 0.6 U	< 0.6 U	< 0.6 U			
Nitrite	14797-65-0	mg/kg	(1)								< 0.966 U
Nitrite	14797-65-0	ug/g	(1)								
Phosphate	14265-44-2	mg/kg	(1)	380		250	390	610			
Phosphorus	7723-14-0	mg/kg	(1)								354 JD
Sulfate	14808-79-8	mg/kg	(1)	147		< 90.4 U	< 90.4 U	< 90.4 U			266 J
Sulfate	14808-79-8	ug/g	(1)								
Sulfide	18496-25-8	mg/kg	(1)	250		19.9	< 6 U	28.1			95.2 B
Total organic carbon	TOC	mg/kg	(1)	22900		3140	19900	10600	11500		26300

			Site Name	3	3	3	3
			Location ID	K-3-SD-018	K-3-SD-019	K-3-SD-020	K-3-SP-001
			Sample Date	4/13/2000	10/16/1998	10/16/1998	8/13/1996
			Depth Interval	0 - 1	0 - .5	0 - .5	0 - 1
			Sample ID	3SD-18(0-1)	3SD-19(0-0.5)	3SD-20(0-0.5)	3SP-1(0-1)
			Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Dioxins							
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)				
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)				
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)				
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)				
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)				
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)				
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)				
Total heptachlorodibenzo-p-dioxins	37871-00-4	mg/kg	(1)				
Total hexachlorodibenzo-p-dioxins	34465-46-8	mg/kg	(1)				
Total pentachlorodibenzo-p-dioxins	36088-22-9	mg/kg	(1)				
Total tetrachlorodibenzo-p-dioxins	41903-57-5	mg/kg	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.456 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		< 0.1 U	< 0.1 U	
2-Nitrotoluene	88-72-2	mg/kg	(1)		< 0.2 U	< 0.2 U	
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.2 U	< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		< 0.1 U	< 0.1 U	
4-Nitrotoluene	99-99-0	mg/kg	(1)		< 0.2 U	< 0.2 U	
HMX	2691-41-0	mg/kg	(1)		< 0.2 U	< 0.2 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.07 U	< 0.07 U	< 2.41 U
Nitrobenzene	98-95-3	mg/kg	(2)		< 0.1 U	< 0.1 U	
Nitrocellulose	9004-70-0	mg/kg	(1)		< 10.4 UR	< 9.98 UR	< 10.4 U
Nitrocellulose	9004-70-0	ug/g	(1)				
Nitroglycerin	55-63-0	mg/kg	(1)		< 4.03 U	< 4.03 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)		< 0.475 U	< 0.466 U	< 0.475 UJ
PETN	78-11-5	mg/kg	(1)		0.78 J	< 4.03 U	< 4 U
Picric Acid	88-89-1	mg/kg	(1)				< 0.108 U
RDX	121-82-4	mg/kg	(1)		< 0.2 U	< 0.2 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)				< 1.19 U
Tetryl	479-45-8	mg/kg	(1)		< 0.2 U	< 0.2 U	< 0.731 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.14 U	< 0.1 U	< 0.424 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		< 0.1 U	< 0.14 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.524 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 0.14 U	< 0.14 U	
Furans							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)				
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)				
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)				
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)				
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)				
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)				
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)				
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)				
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)				
Total heptachlorodibenzofurans	38998-75-3	mg/kg	(1)				
Total hexachlorodibenzofurans	55684-94-1	mg/kg	(1)				
Total pentachlorodibenzofurans	30402-15-4	mg/kg	(1)				
Total tetrachlorodibenzofurans	30402-14-3	mg/kg	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SD-018 / 4/13/2000 / 0 - 1 / 3SD-18(0-1) / SE	3 / K-3-SD-019 / 10/16/1998 / 0 - .5 / 3SD-19(0-0.5) / SE	3 / K-3-SD-020 / 10/16/1998 / 0 - .5 / 3SD-20(0-0.5) / SE	3 / K-3-SP-001 / 8/13/1996 / 0 - 1 / 3SP-1(0-1) / SE
Isotope							
Radium-228	15262-20-1	pCi/g	(1)				
Metals							
Aluminum	7429-90-5	mg/kg	(1)	9930	6870 J	3680 J	10200
Antimony	7440-36-0	mg/kg	(1)	1 JD	< 0.046 U	< 0.046 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	9.6 D	1.63	2.02	4.38
Barium	7440-39-3	mg/kg	(1)	400	50.4 J	48.4 J	42.8
Barium	7440-39-3	ug/g	(1)				
Beryllium	7440-41-7	mg/kg	(1)	1	0.59	0.65 J	< 0.5 U
Boron	7440-42-8	mg/kg	(1)		< 4.67 U	< 4.63 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.5 UJD	0.6	0.18	1.21
Calcium	7440-70-2	mg/kg	(1)	931 J	1270 J	946 J	1560
Chromium	7440-47-3	mg/kg	(1)	20.5 D	< 0.935 R	< 0.926 R	16.8
Chromium	7440-47-3	ug/g	(1)				
Cobalt	7440-48-4	mg/kg	(1)	41.3	7.64 J	6.57 J	8.57
Copper	7440-50-8	mg/kg	(1)	15	22 J	7.43 J	34.3
Iron	7439-89-6	mg/kg	(1)	83300 JD	11700 J	15000 J	22000
Lead	7439-92-1	mg/kg	(1)	13.6 JD	20.4	6.95	1010
Magnesium	7439-95-4	mg/kg	(1)	784	1840 J	1470 J	2090
Manganese	7439-96-5	mg/kg	(1)	< 3.7 R	127 J	1050 J	303
Mercury	7439-97-6	mg/kg	(1)	0.05 J	0.09	< 0.019 U	0.06
Nickel	7440-02-0	mg/kg	(1)	10	9.73	8.65	12.4
Potassium	7440-09-7	mg/kg	(1)	232 J	539	253	566
Selenium	7782-49-2	mg/kg	(1)	2.3 D	< 0.366 U	0.49	0.41 J
Silver	7440-22-4	mg/kg	(1)	0.24 J	6.23	0.03	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	116 J	98.5	< 46.3 U	458
Strontium	7440-24-6	mg/kg	(1)		5.72 J	4.65 J	17.4
Thallium	7440-28-0	mg/kg	(1)	< 2.5 UD	0.1	0.07	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)		287 J	87.2 J	529
Vanadium	7440-62-2	mg/kg	(1)	49.2 D	23.4 J	14.7 J	31.3
Zinc	7440-66-6	mg/kg	(1)	44.9 JD	62.3 J	84.7 J	172
Zirconium	7440-67-7	mg/kg	(1)		2.45	0.98	6.87
PCBs							
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.027 U	< 0.027 U	
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.027 U	< 0.027 U	
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.013 U	< 0.013 U	
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.013 U	< 0.013 U	
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.027 U	< 0.027 U	
Aroclor 1254	11097-69-1	mg/kg	(1)		0.02 NJ	< 0.027 U	
Aroclor 1260	11096-82-5	mg/kg	(1)		< 0.027 U	< 0.027 U	
Pesticides							
4,4'-DDD	72-54-8	mg/kg	(1)		< 0.07 U	< 0.07 U	
4,4'-DDE	72-55-9	mg/kg	(1)		< 0.07 U	< 0.07 U	
4,4'-DDT	50-29-3	mg/kg	(1)		< 0.07 U	< 0.07 U	
Aldrin	309-00-2	mg/kg	(1)		< 0.07 U	< 0.07 U	
alpha-BHC	319-84-6	mg/kg	(1)		< 0.07 U	< 0.07 U	
alpha-Chlordane	5103-71-9	mg/kg	(1)		< 0.07 U	< 0.07 U	
beta-BHC	319-85-7	mg/kg	(1)		< 0.07 U	< 0.07 U	
Chlordane	57-74-9	mg/kg	(1)		< 0.3 U	< 0.3 U	
delta-BHC	319-86-8	mg/kg	(1)		< 0.07 U	< 0.07 U	
Diazinon	333-41-5	mg/kg	(1)				
Dieldrin	60-57-1	mg/kg	(1)		< 0.07 U	< 0.07 U	
Endosulfan I	959-98-8	mg/kg	(1)		< 0.07 U	< 0.07 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SD-018 / 4/13/2000 / 0 - 1 / 3SD-18(0-1) / SE	3 / K-3-SD-019 / 10/16/1998 / 0 - .5 / 3SD-19(0-0.5) / SE	3 / K-3-SD-020 / 10/16/1998 / 0 - .5 / 3SD-20(0-0.5) / SE	3 / K-3-SP-001 / 8/13/1996 / 0 - 1 / 3SP-1(0-1) / SE
Pesticides (continued)							
Endosulfan II	33213-65-9	mg/kg	(1)		< 0.07 U	< 0.07 U	
Endosulfan sulfate	1031-07-8	mg/kg	(1)		< 0.07 U	< 0.07 U	
Endrin	72-20-8	mg/kg	(1)		< 0.07 U	< 0.07 U	
Endrin aldehyde	7421-93-4	mg/kg	(1)		< 0.07 U	< 0.07 U	
Endrin ketone	53494-70-5	mg/kg	(1)		< 0.07 U	< 0.07 U	
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)		< 0.07 U	< 0.07 U	
gamma-Chlordane	5103-74-2	mg/kg	(1)		< 0.07 U	< 0.07 U	
Heptachlor	76-44-8	mg/kg	(1)		< 0.07 U	< 0.07 U	
Heptachlor epoxide	1024-57-3	mg/kg	(1)		< 0.07 U	< 0.07 U	
Isodrin	465-73-6	mg/kg	(1)				
Malathion	121-75-5	mg/kg	(1)				
Methoxychlor	72-43-5	mg/kg	(1)		< 0.07 U	< 0.07 U	
Mirex	2385-85-5	mg/kg	(1)				< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)		< 0.067 U	< 0.067 U	
Radiological							
Americium-241	86954-36-1	pCi/g	(1)				< 0.0495 U
Cesium-137	10045-97-3	pCi/g	(1)				0.35
Cobalt-60	10198-40-0	pCi/g	(1)				< 0.0263 U
Gross alpha	12587-46-1	pCi/g	(1)				2.07
Gross beta	12587-47-2	pCi/g	(1)				2.62
Radium-226	13982-63-3	pCi/g	(1)				0.54
Total Uranium	7440-61-1 U	mg/kg	(1)				1.16
Uranium-234	13966-29-5	pCi/g	(1)				
Uranium-235	15117-96-1	pCi/g	(1)				0.02
Uranium-238	7440-61-1 U-238	pCi/g	(1)				0.34
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.3 U	< 0.3 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.3 U	< 0.3 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.3 U	< 1.3 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.07 UJ	< 0.07 UJ	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)		< 0.3 U	< 0.3 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 0.5 U	< 0.5 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)		< 0.3 U	< 0.3 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 1 U	< 1 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.3 UJ	< 0.3 UJ	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)		< 0.3 U	< 0.3 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)		< 0.5 U	< 0.5 U	< 1.4 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SD-018 / 4/13/2000 / 0 - 1 / 3SD-18(0-1) / SE	3 / K-3-SD-019 / 10/16/1998 / 0 - .5 / 3SD-19(0-0.5) / SE	3 / K-3-SD-020 / 10/16/1998 / 0 - .5 / 3SD-20(0-0.5) / SE	3 / K-3-SP-001 / 8/13/1996 / 0 - 1 / 3SP-1(0-1) / SE
SVOC (continued)							
Acenaphthene	83-32-9	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)				< 0.65 U
Anthracene	120-12-7	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)		0.03 J	< 0.14 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		0.06 J	< 0.1 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.16 U	< 0.16 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		0.01 J	< 0.1 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)				< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.16 U	< 0.16 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)				< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)		0.05 J	< 0.07 U	0.11
Fluorene	86-73-7	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 1 UJ	< 1 UJ	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.16 U	< 0.16 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.1 U	< 0.1 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.5 U	< 0.5 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)		< 0.07 U	< 0.07 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)		< 0.14 U	< 0.14 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)		0.04 J	< 0.07 U	0.12
TPH							
Diesel Fuel	68334-30-5	mg/kg	(1)				
Gasoline range organics	GRO	mg/kg	(1)				
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)				
TRPH	TRPH	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)				
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)				
1,1-Dichloroethane	75-34-3	mg/kg	(1)				
1,1-Dichloroethene	75-35-4	mg/kg	(1)				
1,2-Dichloroethane	107-06-2	mg/kg	(1)				
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)				

			Site Name	3	3	3	3
			Location ID	K-3-SD-018	K-3-SD-019	K-3-SD-020	K-3-SP-001
			Sample Date	4/13/2000	10/16/1998	10/16/1998	8/13/1996
			Depth Interval	0 - 1	0 - .5	0 - .5	0 - 1
			Sample ID	3SD-18(0-1)	3SD-19(0-0.5)	3SD-20(0-0.5)	3SP-1(0-1)
			Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (continued)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)				
2-Butanone	78-93-3	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)				
Acetone	67-64-1	mg/kg	(1)				
Acetonitrile	75-05-8	mg/kg	(1)				
Benzene	71-43-2	mg/kg	(1)				
Bromodichloromethane	75-27-4	mg/kg	(1)				
Bromoform	75-25-2	mg/kg	(1)				
Bromomethane	74-83-9	mg/kg	(1)				
Carbon disulfide	75-15-0	mg/kg	(1)				
Carbon tetrachloride	56-23-5	mg/kg	(1)				
Chlorobenzene	108-90-7	mg/kg	(1)				
Chloroethane	75-00-3	mg/kg	(1)				
Chloroform	67-66-3	mg/kg	(1)				
Chloromethane	74-87-3	mg/kg	(1)				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)				
Dibromochloromethane	124-48-1	mg/kg	(1)				
Dichlorodifluoromethane	75-71-8	mg/kg	(1)				
Ethanol	64-17-5	mg/kg	(1)				
Ethyl benzene	100-41-4	mg/kg	(1)				
Isopropanol	67-63-0	mg/kg	(1)				
Methylene chloride	75-09-2	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)				
tert-Butylalcohol	75-65-0	mg/kg	(1)				
Tetrachloroethene	127-18-4	mg/kg	(1)				
Toluene	108-88-3	mg/kg	(1)				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)				
Trichloroethene	79-01-6	mg/kg	(1)				
Trichlorofluoromethane	75-69-4	mg/kg	(1)				
Vinyl acetate	108-05-4	mg/kg	(1)				
Vinyl chloride	75-01-4	mg/kg	(1)				
Xylenes	1330-20-7	mg/kg	(1)				
WetChem							
% Solids	%Solid	%	(1)	80.6			
Ammonia	7664-41-7	mg/kg	(1)	< 2.5 R	30.4	< 6.39 U	111
Chloride	16887-00-6	mg/kg	(1)	7.2 J	28.9 J	6.01 J	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)				< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	0.74 J	5.02 J	2.15 J	4.82
Nitrate	14797-55-8	mg/kg	(1)	< 6.2 U	< 1.75 U	< 2.01 U	
Nitrate	14797-55-8	ug/g	(1)				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)				1.92
Nitrite	14797-65-0	mg/kg	(1)	< 6.2 U	< 0.873 U	< 1.01 U	
Nitrite	14797-65-0	ug/g	(1)				
Phosphate	14265-44-2	mg/kg	(1)				430
Phosphorus	7723-14-0	mg/kg	(1)	< 12 UJ	260 JD	181 JD	
Sulfate	14808-79-8	mg/kg	(1)	52.1	126 J	31.4 J	< 90.4 U
Sulfate	14808-79-8	ug/g	(1)				
Sulfide	18496-25-8	mg/kg	(1)	< 62 U	30.6 B	19.9 B	< 6 U
Total organic carbon	TOC	mg/kg	(1)		27000	3450	11400

Chemical Name	CAS No	Unit	Sample Matrix ValueNo	Site Name	3	3	3	3	3	3	3
				Location ID	K-3-EX1-B-1	K-3-EX1-SW-1	K-3-MW-001	K-3-MW-001	K-3-MW-002	K-3-MW-002	K-3-MW-002
				Sample Date	9/10/2003	9/10/2003	7/30/1996	7/30/1996	7/30/1996	7/30/1996	7/30/1996
				Depth Interval	3 - 3	3 - 3	0 - 1	5 - 7	0 - 1	20 - 22	20 - 22
				Sample ID	3EX1-B-1(3-3)	3EX1-SW-1(3-3)	3MW-1A(0-1)	3MW-1B(5-7)	3MW-2A(0-1)	3MW-2E(20-22)	3MW-2EDUP(20-22)
				Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		< 0.25 U	< 0.25 U					
2-Nitrotoluene	88-72-2	mg/kg	(1)		< 0.25 U	< 0.25 U					
3-Nitrotoluene	99-08-1	mg/kg	(1)		< 0.25 U	< 0.25 U					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		< 0.25 U	< 0.25 U					
4-Nitrotoluene	99-99-0	mg/kg	(1)		< 0.25 U	< 0.25 U					
HMX	2691-41-0	mg/kg	(1)		< 0.5 U	< 0.5 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.41 U	< 0.25 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrobenzene	98-95-3	mg/kg	(2)		< 0.25 U	< 0.39 U					
Nitrocellulose	9004-70-0	mg/kg	(1)				< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitrocellulose	9004-70-0	ug/g	(1)								
Nitroglycerin	55-63-0	mg/kg	(1)				< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)				< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	(1)				< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	(1)				< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	(1)		< 0.5 U	< 0.5 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)				< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U
Tetryl	479-45-8	mg/kg	(1)		< 0.65 U	< 0.65 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.25 U	< 0.25 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		< 0.41 U	< 0.39 U					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.41 U	< 0.39 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		< 0.25 U	< 0.25 U					
Herbicide											
2,4,5-T	93-76-5	mg/kg	(1)		< 0.025 U	< 0.024 U					
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)		< 0.025 U	< 0.024 U					
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)		< 0.099 U	< 0.094 U					
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)		< 0.099 U	< 0.094 U					
Isotope											
Uranium 235/238 Ratio	U-235/238 RATIO	No unit	(1)								
Metals											
Aluminum	7429-90-5	mg/kg	(1)		12500	10100	6140	3990	12300	9690	7720
Antimony	7440-36-0	mg/kg	(1)		0.88 J	0.74 J	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)		4.3	3.2	8.67	2.16	2.4	1.29	3.31
Barium	7440-39-3	mg/kg	(1)		43.8	35	31.7	28.2	65.3	74.9	65.8
Barium	7440-39-3	ug/g	(1)								
Beryllium	7440-41-7	mg/kg	(1)		0.12 J	< 0.59 U	0.57	< 0.5 U	0.62	0.82	0.69
Boron	7440-42-8	mg/kg	(1)				< 5.91 U	< 5.91 U	7.08	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)		0.32	4.4	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)		725	697	1110	1390	1100	1000	1020
Chromium	7440-47-3	mg/kg	(1)		12.6	14.4	70.4	8.43	39.5	31.6	24.8
Chromium	7440-47-3	ug/g	(1)								
Cobalt	7440-48-4	mg/kg	(1)		5.4 J	7.4	6.56	5.54	11.8	14.8	13.5
Copper	7440-50-8	mg/kg	(1)		23.6	19.9	7.98	15.1	30.3	16.3	14.9
Iron	7439-89-6	mg/kg	(1)		15400	16200	18300	11400	20300	22900	18900
Lead	7439-92-1	mg/kg	(1)		31.2	33.5	6.92	2.44	4.72	2.85	3.84
Magnesium	7439-95-4	mg/kg	(1)		1510	1980	1480	1680	2940	2160	1990

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-EX1-B-1	K-3-EX1-SW-1	K-3-MW-001	K-3-MW-001	K-3-MW-002	K-3-MW-002	K-3-MW-002
			Sample Date	9/10/2003	9/10/2003	7/30/1996	7/30/1996	7/30/1996	7/30/1996	7/30/1996
			Depth Interval	3 - 3	3 - 3	0 - 1	5 - 7	0 - 1	20 - 22	20 - 22
			Sample ID	3EX1-B-1(3-3)	3EX1-SW-1(3-3)	3MW-1A(0-1)	3MW-1B(5-7)	3MW-2A(0-1)	3MW-2E(20-22)	3MW-2EDUP(20-22)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Metals (continued)										
Manganese	7439-96-5	mg/kg	(1)	192	257	281	109	295	433	413
Mercury	7439-97-6	mg/kg	(1)	0.05 J	0.07 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	8.9	8.9	8.46	9.42	15.1	15.1	12.3
Potassium	7440-09-7	mg/kg	(1)	454 J	520 J	504	623	1890	1620	1400
Selenium	7782-49-2	mg/kg	(1)	0.62	< 0.59 U	0.48	< 0.25 U	< 0.25 U	< 0.25 U	0.48
Silver	7440-22-4	mg/kg	(1)	< 0.62 U	< 0.59 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	< 620 U	< 588 U	339	482	469	431	427
Strontium	7440-24-6	mg/kg	(1)			10.3	8.01	12	6.04	12.6
Thallium	7440-28-0	mg/kg	(1)	0.88 J	0.58 J	< 0.1 U	< 0.1 U	0.13	< 0.1 U	0.21
Titanium	7440-32-6	mg/kg	(1)			305	389	824	453	763
Vanadium	7440-62-2	mg/kg	(1)	23.3	25.8	25.2	14.7	38.9	38.1	32
Zinc	7440-66-6	mg/kg	(1)	43	39.3	24.6	14	23.5	26.1	22.1
Zirconium	7440-67-7	mg/kg	(1)			5.06	4.12	< 2.5 U	3.73	4.77
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)							
Aroclor 1221	11104-28-2	mg/kg	(1)							
Aroclor 1232	11141-16-5	mg/kg	(1)							
Aroclor 1242	53469-21-9	mg/kg	(1)							
Aroclor 1248	12672-29-6	mg/kg	(1)							
Aroclor 1254	11097-69-1	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
4,4'-DDE	72-55-9	mg/kg	(1)	0.97 PGD	< 0.01 UD					
4,4'-DDT	50-29-3	mg/kg	(1)	0.02 PGD	< 0.01 UD					
Aldrin	309-00-2	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
alpha-BHC	319-84-6	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
alpha-Chlordane	5103-71-9	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
beta-BHC	319-85-7	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Dalapon	75-99-0	mg/kg	(1)	< 0.05 U	< 0.047 U					
delta-BHC	319-86-8	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Dicamba	1918-00-9	mg/kg	(1)	< 0.05 U	< 0.047 U					
Dichloroprop	120-36-5	mg/kg	(1)	< 0.099 U	< 0.094 U					
Dieldrin	60-57-1	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Endosulfan I	959-98-8	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Endosulfan II	33213-65-9	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Endosulfan sulfate	1031-07-8	mg/kg	(1)	0.85 JD	< 0.01 UD					
Endrin	72-20-8	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Endrin aldehyde	7421-93-4	mg/kg	(1)	0.02 PGD	< 0.01 UD					
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
gamma-Chlordane	5103-74-2	mg/kg	(1)	0.02 PGD	< 0.01 UD					
Heptachlor	76-44-8	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.42 UD	< 0.01 UD					
Methoxychlor	72-43-5	mg/kg	(1)	0.03 PGD	< 0.019 UD					
Mirex	2385-85-5	mg/kg	(1)			< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)	< 0.17 UD	< 0.39 UD					

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-EX1-B-1	K-3-EX1-SW-1	K-3-MW-001	K-3-MW-001	K-3-MW-002	K-3-MW-002	K-3-MW-002
			Sample Date	9/10/2003	9/10/2003	7/30/1996	7/30/1996	7/30/1996	7/30/1996	7/30/1996
			Depth Interval	3 - 3	3 - 3	0 - 1	5 - 7	0 - 1	20 - 22	20 - 22
			Sample ID	3EX1-B-1(3-3)	3EX1-SW-1(3-3)	3MW-1A(0-1)	3MW-1B(5-7)	3MW-2A(0-1)	3MW-2E(20-22)	3MW-2EDUP(20-22)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
Radiological										
Americium-241	86954-36-1	pCi/g	(1)			< 0.907 U	< 0.0738 U	< 0.0947 U	< 0.247 U	< 0.248 U
Cesium-137	10045-97-3	pCi/g	(1)			< 0.0344 U	< 0.0235 U	0.02	< 0.0263 U	< 0.027 U
Cobalt-60	10198-40-0	pCi/g	(1)			< 0.04 U	< 0.0289 U	< 0.0318 U	< 0.0335 U	< 0.032 U
Gross alpha	12587-46-1	pCi/g	(1)			1.8	2.06	3.02	2.48	2.36
Gross beta	12587-47-2	pCi/g	(1)			1.91	2.39	4.6	3.82	3.23
Radium-226	13982-63-3	pCi/g	(1)			0.5	0.56	0.43	0.4	0.52
Total Uranium	7440-61-1 U	mg/kg	(1)			1.72	1.35	1.55	2.18	1.63
Uranium-235	15117-96-1	pCi/g	(1)			0.02	0.8	< 0.73 U	0.01	0.02
Uranium-238	7440-61-1 U-238	pCi/g	(1)			0.31	0.28	0.24	0.42	0.33
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)			< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 2 U	< 1.9 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 2 U	< 1.9 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 2 U	< 1.9 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 2 U	< 1.9 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 2 U	< 1.9 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 2 U	< 1.9 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 2 U	< 1.9 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.11 J	0.16 J	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.12 J	0.15 J	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.13 J	0.15 J	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.07 J	0.07 J	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.06 J	0.08 J	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)			< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-EX1-B-1	K-3-EX1-SW-1	K-3-MW-001	K-3-MW-001	K-3-MW-002	K-3-MW-002	K-3-MW-002
			Sample Date	9/10/2003	9/10/2003	7/30/1996	7/30/1996	7/30/1996	7/30/1996	7/30/1996
			Depth Interval	3 - 3	3 - 3	0 - 1	5 - 7	0 - 1	20 - 22	20 - 22
			Sample ID	3EX1-B-1(3-3)	3EX1-SW-1(3-3)	3MW-1A(0-1)	3MW-1B(5-7)	3MW-2A(0-1)	3MW-2E(20-22)	3MW-2EDUP(20-22)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
SVOC (continued)										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	0.14 J	0.18 J	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.41 U	0.02 J	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Dinoseb	88-85-7	mg/kg	(1)	< 0.015 U	< 0.014 U					
Diphenylamine	122-39-4	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	0.22 J	0.24 J	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	0.08 J	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 2 U	< 1.9 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.07 J	0.07 J	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.41 U	< 0.39 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	0.09 J	< 0.39 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.41 U	< 0.39 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	0.27 J	0.27 J	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
TPH										
Diesel Fuel	68334-30-5	mg/kg	(1)							
Diesel Range Organics	DRO	mg/kg	(1)							
Gasoline range organics	GRO	mg/kg	(1)							
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)							
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)			< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)			< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)			< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)			< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)			< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)			< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)			< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)			< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)			< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)			< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)			< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)			< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)			< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)			< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)			< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-EX1-B-1	K-3-EX1-SW-1	K-3-MW-001	K-3-MW-001	K-3-MW-002	K-3-MW-002	K-3-MW-002
			Sample Date	9/10/2003	9/10/2003	7/30/1996	7/30/1996	7/30/1996	7/30/1996	7/30/1996
			Depth Interval	3 - 3	3 - 3	0 - 1	5 - 7	0 - 1	20 - 22	20 - 22
			Sample ID	3EX1-B-1(3-3)	3EX1-SW-1(3-3)	3MW-1A(0-1)	3MW-1B(5-7)	3MW-2A(0-1)	3MW-2E(20-22)	3MW-2EDUP(20-22)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)			< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)			< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)			< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)			< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)			< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)			< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)			< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)			< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)			< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)			< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)			< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)			< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)			< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	(1)			< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)			< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	(1)			< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)			< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)			< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)			< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)			< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)			0.01	0.01	0.01	< 0.59 U	0.01
Vinyl acetate	108-05-4	mg/kg	(1)			< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)			< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)			< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem										
% Solids	%Solid	%	(1)	80.6	85.1					
Ammonia	7664-41-7	mg/kg	(1)			32.5	17.8	32.4	< 12.5 U	< 12.5 U
Chloride	16887-00-6	mg/kg	(1)			< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)			< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)			13.8	< 3.62 U	5.43	< 3.62 U	< 3.62 U
Nitrate	14797-55-8	ug/g	(1)							
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)			< 0.6 UJ	< 0.6 UJ	0.94 J	< 0.6 UJ	< 0.6 UJ
Nitrite	14797-65-0	ug/g	(1)							
Phosphate	14265-44-2	mg/kg	(1)			180	210	320	220	320
Sulfate	14808-79-8	mg/kg	(1)			< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfate	14808-79-8	ug/g	(1)							
Sulfide	18496-25-8	mg/kg	(1)			< 6 U	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-003	K-3-MW-003	K-3-MW-004	K-3-MW-004	K-3-MW-004	K-3-MW-005	K-3-MW-005
			Sample Date	7/26/1996	7/26/1996	4/26/1996	4/26/1996	4/26/1996	4/18/1996	4/18/1996
			Depth Interval	2 - 3	5 - 6.5	0 - 1	4 - 6	4 - 6	5 - 6	15 - 16.2
			Sample ID	3MW-3A(2-3)	3MW-3B(5-6.5)	3MW-4A(0-1)	3MW-4B(4-6)	3MW-4BDUP(4-6)	3MW-5B(5-6)	3MW-5D(15-16.2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)							
2-Nitrotoluene	88-72-2	mg/kg	(1)							
3-Nitrotoluene	99-08-1	mg/kg	(1)							
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)							
4-Nitrotoluene	99-99-0	mg/kg	(1)							
HMX	2691-41-0	mg/kg	(1)	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitrocellulose	9004-70-0	ug/g	(1)							
Nitroglycerin	55-63-0	mg/kg	(1)	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	(1)	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	(1)	< 0.108 U	< 0.108 U	< 0.108 UJ	< 0.108 UJ	< 0.108 UJ	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	(1)	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	(1)	< 1.19 U	< 1.19 U	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	(1)	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Isotope										
Uranium 235/238 Ratio	U-235/238 RATIO	No unit	(1)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)	6440	9240	10700	12000	12600	8220	2030
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	0.33	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	2.36	2.04	22	4.38	4.23	4.87	1.37
Barium	7440-39-3	mg/kg	(1)	24	36.6	58.7	33.4	34.7	41.6	12
Barium	7440-39-3	ug/g	(1)							
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	1.01	0.62	< 0.5 U	0.61	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	655	1170	2290	853	758	4320	963
Chromium	7440-47-3	mg/kg	(1)	10.8	13.5	19.8	29.7	30.9	20	5.61
Chromium	7440-47-3	ug/g	(1)							
Cobalt	7440-48-4	mg/kg	(1)	5.75	8.74	8.11	5.65	6.59	7.22	5.43
Copper	7440-50-8	mg/kg	(1)	18.5	20.8	15.6	6.91	15.4	11.6	13.4
Iron	7439-89-6	mg/kg	(1)	10200	19300	19000	17400	21400	18200	10300
Lead	7439-92-1	mg/kg	(1)	3.24	2.1	44	4.55	4.59	16.1	1.68
Magnesium	7439-95-4	mg/kg	(1)	1350	2210	2440	1670	1900	2310	1040

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-003	K-3-MW-003	K-3-MW-004	K-3-MW-004	K-3-MW-004	K-3-MW-005	K-3-MW-005
			Sample Date	7/26/1996	7/26/1996	4/26/1996	4/26/1996	4/26/1996	4/18/1996	4/18/1996
			Depth Interval	2 - 3	5 - 6.5	0 - 1	4 - 6	4 - 6	5 - 6	15 - 16.2
			Sample ID	3MW-3A(2-3)	3MW-3B(5-6.5)	3MW-4A(0-1)	3MW-4B(4-6)	3MW-4BDUP(4-6)	3MW-5B(5-6)	3MW-5D(15-16.2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
Metals (continued)										
Manganese	7439-96-5	mg/kg	(1)	116	328	534	104	127	317	164
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.49	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	9.27	9.56	12.3	13	11	9.34	6.79
Potassium	7440-09-7	mg/kg	(1)	589	328	546	312	510	859	316
Selenium	7782-49-2	mg/kg	(1)	0.8	0.57	1.95	1.62	1.4	1.55	0.43
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	441	552	393	365	372	443	304
Strontium	7440-24-6	mg/kg	(1)	6.09	< 2.5 U	50	12.9	12.9	15.5	4.26
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U	0.16	< 0.1 U	< 0.1 U	0.2	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	397	234	832	779	774	676	206
Vanadium	7440-62-2	mg/kg	(1)	18.7	26.2	30.4	32.1	40	37.2	10.2
Zinc	7440-66-6	mg/kg	(1)	11.9	15.5	77	30.5	22.3	27.6	13
Zirconium	7440-67-7	mg/kg	(1)	3.94	< 2.5 U	11.1	10.3	9.26	8.84	< 2.5 U
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)							
Aroclor 1221	11104-28-2	mg/kg	(1)							
Aroclor 1232	11141-16-5	mg/kg	(1)							
Aroclor 1242	53469-21-9	mg/kg	(1)							
Aroclor 1248	12672-29-6	mg/kg	(1)							
Aroclor 1254	11097-69-1	mg/kg	(1)							
Aroclor 1260	11096-82-5	mg/kg	(1)							
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-Chlordane	5103-71-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)							
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-Chlordane	5103-74-2	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Toxaphene	8001-35-2	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-003	K-3-MW-003	K-3-MW-004	K-3-MW-004	K-3-MW-004	K-3-MW-005	K-3-MW-005
			Sample Date	7/26/1996	7/26/1996	4/26/1996	4/26/1996	4/26/1996	4/18/1996	4/18/1996
			Depth Interval	2 - 3	5 - 6.5	0 - 1	4 - 6	4 - 6	5 - 6	15 - 16.2
			Sample ID	3MW-3A(2-3)	3MW-3B(5-6.5)	3MW-4A(0-1)	3MW-4B(4-6)	3MW-4BDUP(4-6)	3MW-5B(5-6)	3MW-5D(15-16.2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Radiological										
Americium-241	86954-36-1	pCi/g	(1)	< 0.0877 U	< 0.363 U	< 0.379 U	< 0.0745 U	0.19	< 0.165 U	< 0.355 U
Cesium-137	10045-97-3	pCi/g	(1)	< 0.0248 U	< 0.0253 U	0.08	< 0.0277 U	< 0.0336 U	0.03	< 0.0259 U
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.0317 U	0.06	< 0.0354 U	< 0.039 U	< 0.0335 U	0.02	< 0.028 U
Gross alpha	12587-46-1	pCi/g	(1)	3.73	2.24	5.01	2.4	2.97	2.71	1.15
Gross beta	12587-47-2	pCi/g	(1)	3.18	1.86	5.32	2.59	3.05	3.47	< 2.72 U
Radium-226	13982-63-3	pCi/g	(1)	0.48	0.4	0.58	0.57	0.95	0.68	0.4
Total Uranium	7440-61-1 U	mg/kg	(1)	1.45	1.3	1.54	1.21	1.04	2.16	1.1
Uranium-235	15117-96-1	pCi/g	(1)	0.02	0.01	0.02	0.03	0.02	0.02	0.01
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.31	0.33	0.52	0.4	0.31	0.55	0.31
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-003	K-3-MW-003	K-3-MW-004	K-3-MW-004	K-3-MW-004	K-3-MW-005	K-3-MW-005
			Sample Date	7/26/1996	7/26/1996	4/26/1996	4/26/1996	4/26/1996	4/18/1996	4/18/1996
			Depth Interval	2 - 3	5 - 6.5	0 - 1	4 - 6	4 - 6	5 - 6	15 - 16.2
			Sample ID	3MW-3A(2-3)	3MW-3B(5-6.5)	3MW-4A(0-1)	3MW-4B(4-6)	3MW-4BDUP(4-6)	3MW-5B(5-6)	3MW-5D(15-16.2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
SVOC (continued)										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
TPH										
Diesel Fuel	68334-30-5	mg/kg	(1)			< 8.24 U	< 8.24 U	< 8.24 U		
Diesel Range Organics	DRO	mg/kg	(1)							
Gasoline range organics	GRO	mg/kg	(1)			< 8.3 U	< 8.3 U	< 8.3 U		
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)							
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)			< 8 U	< 8 U	< 8 U		
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)	0.07	0.02	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-003	K-3-MW-003	K-3-MW-004	K-3-MW-004	K-3-MW-004	K-3-MW-005	K-3-MW-005
			Sample Date	7/26/1996	7/26/1996	4/26/1996	4/26/1996	4/26/1996	4/18/1996	4/18/1996
			Depth Interval	2 - 3	5 - 6.5	0 - 1	4 - 6	4 - 6	5 - 6	15 - 16.2
			Sample ID	3MW-3A(2-3)	3MW-3B(5-6.5)	3MW-4A(0-1)	3MW-4B(4-6)	3MW-4BDUP(4-6)	3MW-5B(5-6)	3MW-5D(15-16.2)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	0.53	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U	< 0.59 U	0.73	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	0.43	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem										
% Solids	%Solid	%	(1)							
Ammonia	7664-41-7	mg/kg	(1)	64.2	23.8	< 12.5 U	48.5	26.8	115	< 12.5 U
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	46.4	< 6.05 U	< 6.05 U	< 6.05 U	97.6	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	7.67	23.5	21.1	12.9	12.6	26.1	< 3.62 U
Nitrate	14797-55-8	ug/g	(1)							
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	< 0.6 U	0.9	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U
Nitrite	14797-65-0	ug/g	(1)							
Phosphate	14265-44-2	mg/kg	(1)	330	160	510	200	180	23.7	13.4
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfate	14808-79-8	ug/g	(1)							
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U	30.6	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-006	K-3-MW-006	K-3-MW-007	K-3-SB-001	K-3-SS-001	K-3-SS-001A	K-3-SS-002
			Sample Date	4/17/1996	4/17/1996	5/4/2000	5/5/2000	4/21/1988	5/20/1996	4/21/1988
			Depth Interval	1 - 3	5 - 5.7	4 - 5.5	2 - 4	.5	0 - 1	.5
			Sample ID	3MW-6A(1-3)	3MW-6B(5-5.7)	3MW-7B(4-5.5)	3SB-1B(2-4)	SS3-1(0.5)	3SS-1A(0-1)	SS3-2(0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.488 U	< 0.488 U					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.496 U	< 0.496 U					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.456 U	< 0.456 U					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)							
2-Nitrotoluene	88-72-2	mg/kg	(1)							
3-Nitrotoluene	99-08-1	mg/kg	(1)							
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)							
4-Nitrotoluene	99-99-0	mg/kg	(1)							
HMX	2691-41-0	mg/kg	(1)	< 0.666 U	< 0.666 U					
Nitrobenzene	98-95-3	mg/kg	(1)	< 2.41 U	< 2.41 U					
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)	< 10.4 U	< 10.4 U					
Nitrocellulose	9004-70-0	ug/g	(1)					< 2320		353
Nitroglycerin	55-63-0	mg/kg	(1)	< 4 U	< 4 U					
Nitroguanidine	556-88-7	mg/kg	(1)	< 0.475 U	< 0.475 U					
PETN	78-11-5	mg/kg	(1)	< 4 U	< 4 U					
Picric Acid	88-89-1	mg/kg	(1)	< 0.108 U	< 0.108 U					
RDX	121-82-4	mg/kg	(1)	< 0.587 U	< 0.587 U					
Tetrazene	14097-21-3	mg/kg	(1)	< 1.19 R	< 1.19 R					
Tetryl	479-45-8	mg/kg	(1)	< 0.731 U	< 0.731 U					
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.424 U	< 0.424 U					
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.524 U	< 0.524 U					
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Isotope										
Uranium 235/238 Ratio	U-235/238 RATIO	No unit	(1)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)	8020	13800	6550	12500			
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 1.2 UJ	< 1.1 UJ			
Arsenic	7440-38-2	mg/kg	(1)	2.82	2.85	2.3 J	2.5			
Barium	7440-39-3	mg/kg	(1)	27.6	148	22.5 J	32.6			
Barium	7440-39-3	ug/g	(1)					57.6		58.3
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	1.32	< 0.59 UJ	< 0.57 U			
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U					
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.24 UJ	< 0.23 U			
Calcium	7440-70-2	mg/kg	(1)	9760	1620	630	652 J			
Chromium	7440-47-3	mg/kg	(1)	12.1	33.5	12.8	12.7 J			
Chromium	7440-47-3	ug/g	(1)					12		13
Cobalt	7440-48-4	mg/kg	(1)	6.05	25.7	6.8 J	6 J			
Copper	7440-50-8	mg/kg	(1)	20.6	6.42	11.7	11.5 J			
Iron	7439-89-6	mg/kg	(1)	15400	27400	15700	13600 J			
Lead	7439-92-1	mg/kg	(1)	37.6	13.9	3	5.4 J			
Magnesium	7439-95-4	mg/kg	(1)	7140	2380	1110	1450 J			

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-006	K-3-MW-006	K-3-MW-007	K-3-SB-001	K-3-SS-001	K-3-SS-001A	K-3-SS-002
			Sample Date	4/17/1996	4/17/1996	5/4/2000	5/5/2000	4/21/1988	5/20/1996	4/21/1988
			Depth Interval	1 - 3	5 - 5.7	4 - 5.5	2 - 4	.5	0 - 1	.5
			Sample ID	3MW-6A(1-3)	3MW-6B(5-5.7)	3MW-7B(4-5.5)	3SB-1B(2-4)	SS3-1(0.5)	3SS-1A(0-1)	SS3-2(0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Metals (continued)										
Manganese	7439-96-5	mg/kg	(1)	206	2000	129 J	86			
Mercury	7439-97-6	mg/kg	(1)	0.05	< 0.05 U	< 0.12 UJ	0.02 J			
Nickel	7440-02-0	mg/kg	(1)	9.27	10.8	5.9	9.8 J			
Potassium	7440-09-7	mg/kg	(1)	605	848	376 J	465 J			
Selenium	7782-49-2	mg/kg	(1)	0.71	1.48	< 0.59 UJ	< 0.57 U			
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.59 U	< 0.57 U			
Sodium	7440-23-5	mg/kg	(1)	432	422	91.7 J	168 J			
Strontium	7440-24-6	mg/kg	(1)	4.77	10.1					
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	0.2	< 1.2 U	< 1.1 U			
Titanium	7440-32-6	mg/kg	(1)	226	162					
Vanadium	7440-62-2	mg/kg	(1)	27.1	79.7	26.6	23.8			
Zinc	7440-66-6	mg/kg	(1)	53.3	45.1	18.2 J	33.8 J			
Zirconium	7440-67-7	mg/kg	(1)	< 2.5 U	< 2.5 U					
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)						< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg	(1)						< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg	(1)						< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg	(1)						< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg	(1)						< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg	(1)						< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg	(1)						0.08	
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-Chlordane	5103-71-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)							
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-Chlordane	5103-74-2	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U					
Toxaphene	8001-35-2	mg/kg	(1)							

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-006	K-3-MW-006	K-3-MW-007	K-3-SB-001	K-3-SS-001	K-3-SS-001A	K-3-SS-002
			Sample Date	4/17/1996	4/17/1996	5/4/2000	5/5/2000	4/21/1988	5/20/1996	4/21/1988
			Depth Interval	1 - 3	5 - 5.7	4 - 5.5	2 - 4	.5	0 - 1	.5
			Sample ID	3MW-6A(1-3)	3MW-6B(5-5.7)	3MW-7B(4-5.5)	3SB-1B(2-4)	SS3-1(0.5)	3SS-1A(0-1)	SS3-2(0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
Radiological										
Americium-241	86954-36-1	pCi/g	(1)	< 0.0886 U	< 0.282 U					
Cesium-137	10045-97-3	pCi/g	(1)	0.5	< 0.0351 U					
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.0319 U	0.03					
Gross alpha	12587-46-1	pCi/g	(1)	1.36	3.31					
Gross beta	12587-47-2	pCi/g	(1)	< 1.72 U	2.67					
Radium-226	13982-63-3	pCi/g	(1)	0.54	0.81					
Total Uranium	7440-61-1 U	mg/kg	(1)	1.57	2.47					
Uranium-235	15117-96-1	pCi/g	(1)	0.03	0.03					
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.36	0.71					
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U					
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U					
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U					
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U					
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U					
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U					
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U					
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U					
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U					
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#					
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U					
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U					
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U					
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U					
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U					
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U					
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U					
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U					
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U					

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-006	K-3-MW-006	K-3-MW-007	K-3-SB-001	K-3-SS-001	K-3-SS-001A	K-3-SS-002
			Sample Date	4/17/1996	4/17/1996	5/4/2000	5/5/2000	4/21/1988	5/20/1996	4/21/1988
			Depth Interval	1 - 3	5 - 5.7	4 - 5.5	2 - 4	.5	0 - 1	.5
			Sample ID	3MW-6A(1-3)	3MW-6B(5-5.7)	3MW-7B(4-5.5)	3SB-1B(2-4)	SS3-1(0.5)	3SS-1A(0-1)	SS3-2(0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
SVOC (continued)										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U					
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U					
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U					
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U					
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U					
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U					
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U					
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U					
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U					
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U					
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U					
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U					
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U					
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U					
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U					
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U					
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U					
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U					
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U					
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U					
TPH										
Diesel Fuel	68334-30-5	mg/kg	(1)							
Diesel Range Organics	DRO	mg/kg	(1)				1800 D			
Gasoline range organics	GRO	mg/kg	(1)				950 D			
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)				2000 D			
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U					
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U					
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U					
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U					
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U					
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U					
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U					
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U					
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	0.04					
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U					
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U					
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U					

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-MW-006	K-3-MW-006	K-3-MW-007	K-3-SB-001	K-3-SS-001	K-3-SS-001A	K-3-SS-002
			Sample Date	4/17/1996	4/17/1996	5/4/2000	5/5/2000	4/21/1988	5/20/1996	4/21/1988
			Depth Interval	1 - 3	5 - 5.7	4 - 5.5	2 - 4	.5	0 - 1	.5
			Sample ID	3MW-6A(1-3)	3MW-6B(5-5.7)	3MW-7B(4-5.5)	3SB-1B(2-4)	SS3-1(0.5)	3SS-1A(0-1)	SS3-2(0.5)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U					
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U					
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U					
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U					
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U					
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U					
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U					
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U					
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U					
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U					
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U					
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U					
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U					
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U					
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U					
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U					
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U					
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U					
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U					
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U					
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U					
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U					
WetChem										
% Solids	%Solid	%	(1)			84	87.7			
Ammonia	7664-41-7	mg/kg	(1)	83.4	384					
Chloride	16887-00-6	mg/kg	(1)	28.1	23.3					
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U					
Fluoride	16984-48-8	mg/kg	(1)	12.4	15.2					
Nitrate	14797-55-8	ug/g	(1)					27		< 15
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	2.88	< 0.6 U					
Nitrite	14797-65-0	ug/g	(1)					< 2.5		< 2.5
Phosphate	14265-44-2	mg/kg	(1)	14.3	17.1					
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U					
Sulfate	14808-79-8	ug/g	(1)					< 71		< 71
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U					

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-002A	K-3-SS-002A	K-3-SS-003	K-3-SS-003	K-3-SS-004	K-3-SS-004	K-3-SS-005
			Sample Date	4/2/1996	4/2/1996	4/21/1988	8/13/2004	4/21/1988	8/13/2004	8/13/2004
			Depth Interval	0 - 1	0 - 1	.5	0 - 1	.5	0 - 1	0 - 1
			Sample ID	3SS-2A(0-1)	3SS-2ADUP(0-1)	SS3-3(0.5)	3SS-3(0-1)	SS3-4(0.5)	3SS-4(0-1)	3SS-5(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)				< 0.5 U		< 0.5 U	< 0.5 U
Nitrobenzene	98-95-3	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)							
Nitrocellulose	9004-70-0	ug/g	(1)			< 2610		795 >		
Nitroglycerin	55-63-0	mg/kg	(1)							
Nitroguanidine	556-88-7	mg/kg	(1)							
PETN	78-11-5	mg/kg	(1)							
Picric Acid	88-89-1	mg/kg	(1)							
RDX	121-82-4	mg/kg	(1)				< 0.5 U		0.16 J	< 0.5 U
Tetrazene	14097-21-3	mg/kg	(1)							
Tetryl	479-45-8	mg/kg	(1)				< 0.65 U		< 0.65 U	< 0.65 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)				< 0.25 U		< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Isotope										
Uranium 235/238 Ratio	U-235/238 RATIO	No unit	(1)							
Metals										
Aluminum	7429-90-5	mg/kg	(1)				6640		4020	3680
Antimony	7440-36-0	mg/kg	(1)				0.43 J		0.66 J	< 1.1 U
Arsenic	7440-38-2	mg/kg	(1)				5.3		3.2	3.2
Barium	7440-39-3	mg/kg	(1)				57.4		31.5	18.7 J
Barium	7440-39-3	ug/g	(1)			89.3		87.3		
Beryllium	7440-41-7	mg/kg	(1)				< 0.58 U		< 0.57 U	< 0.57 U
Boron	7440-42-8	mg/kg	(1)							
Cadmium	7440-43-9	mg/kg	(1)				0.12 J		0.49	0.24
Calcium	7440-70-2	mg/kg	(1)				3420		4460	3950
Chromium	7440-47-3	mg/kg	(1)				12		8.2	6.3
Chromium	7440-47-3	ug/g	(1)			31		< 1.3		
Cobalt	7440-48-4	mg/kg	(1)				7.2		4.9 J	4.6 J
Copper	7440-50-8	mg/kg	(1)				15.5		19.7	11.4
Iron	7439-89-6	mg/kg	(1)				16100		12900	13200
Lead	7439-92-1	mg/kg	(1)				22.9		15.1	8.5
Magnesium	7439-95-4	mg/kg	(1)				2210		3010	3050

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-002A	K-3-SS-002A	K-3-SS-003	K-3-SS-003	K-3-SS-004	K-3-SS-004	K-3-SS-005
			Sample Date	4/2/1996	4/2/1996	4/21/1988	8/13/2004	4/21/1988	8/13/2004	8/13/2004
			Depth Interval	0 - 1	0 - 1	.5	0 - 1	.5	0 - 1	0 - 1
			Sample ID	3SS-2A(0-1)	3SS-2ADUP(0-1)	SS3-3(0.5)	3SS-3(0-1)	SS3-4(0.5)	3SS-4(0-1)	3SS-5(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
Metals (continued)										
Manganese	7439-96-5	mg/kg	(1)				329		163	149
Mercury	7439-97-6	mg/kg	(1)				0.04 J		0.01 J	0.01 J
Nickel	7440-02-0	mg/kg	(1)				8.2		8.8	6.4
Potassium	7440-09-7	mg/kg	(1)				834		557 J	825
Selenium	7782-49-2	mg/kg	(1)				< 0.58 U		< 0.57 U	< 0.57 U
Silver	7440-22-4	mg/kg	(1)				< 0.58 U		0.16 J	< 0.57 U
Sodium	7440-23-5	mg/kg	(1)				< 582 U		< 570 U	< 565 U
Strontium	7440-24-6	mg/kg	(1)							
Thallium	7440-28-0	mg/kg	(1)				< 1.2 U		< 1.1 U	< 1.1 U
Titanium	7440-32-6	mg/kg	(1)							
Vanadium	7440-62-2	mg/kg	(1)				21.5		11.1	9.5
Zinc	7440-66-6	mg/kg	(1)				37.3		30.1	32.4
Zirconium	7440-67-7	mg/kg	(1)							
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.0666 U	< 0.0666 U					
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.082 UT	< 0.082 UT					
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.082 UT	< 0.082 UT					
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.082 UT	< 0.082 UT					
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.082 UT	< 0.082 UT					
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.082 UT	< 0.082 UT					
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.0804 U	< 0.0804 UJ					
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-Chlordane	5103-71-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)							
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-Chlordane	5103-74-2	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Mirex	2385-85-5	mg/kg	(1)							
Toxaphene	8001-35-2	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-002A	K-3-SS-002A	K-3-SS-003	K-3-SS-003	K-3-SS-004	K-3-SS-004	K-3-SS-005
			Sample Date	4/2/1996	4/2/1996	4/21/1988	8/13/2004	4/21/1988	8/13/2004	8/13/2004
			Depth Interval	0 - 1	0 - 1	.5	0 - 1	.5	0 - 1	0 - 1
			Sample ID	3SS-2A(0-1)	3SS-2ADUP(0-1)	SS3-3(0.5)	3SS-3(0-1)	SS3-4(0.5)	3SS-4(0-1)	3SS-5(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Radiological										
Americium-241	86954-36-1	pCi/g	(1)							
Cesium-137	10045-97-3	pCi/g	(1)							
Cobalt-60	10198-40-0	pCi/g	(1)							
Gross alpha	12587-46-1	pCi/g	(1)							
Gross beta	12587-47-2	pCi/g	(1)							
Radium-226	13982-63-3	pCi/g	(1)							
Total Uranium	7440-61-1 U	mg/kg	(1)							
Uranium-235	15117-96-1	pCi/g	(1)							
Uranium-238	7440-61-1 U-238	pCi/g	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)							
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)							
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)							
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)							
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)							
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)							
2,4-Dichlorophenol	120-83-2	mg/kg	(1)							
2,4-Dimethylphenol	105-67-9	mg/kg	(1)							
2,4-Dinitrophenol	51-28-5	mg/kg	(1)							
2-Chloronaphthalene	91-58-7	mg/kg	(1)							
2-Chlorophenol	95-57-8	mg/kg	(1)							
2-Methylnaphthalene	91-57-6	mg/kg	(1)							
2-Methylphenol	95-48-7	mg/kg	(1)							
2-Nitroaniline	88-74-4	mg/kg	(1)							
2-Nitrophenol	88-75-5	mg/kg	(1)							
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)							
3-Nitroaniline	99-09-2	mg/kg	(1)							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)							
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)							
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)							
4-Chloroaniline	106-47-8	mg/kg	(1)							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)							
4-Methylphenol	106-44-5	mg/kg	(1)							
4-Nitroaniline	100-01-6	mg/kg	(1)							
4-Nitrophenol	100-02-7	mg/kg	(1)							
Acenaphthene	83-32-9	mg/kg	(1)							
Acenaphthylene	208-96-8	mg/kg	(1)							
Aniline	62-53-3	mg/kg	(1)							
Anthracene	120-12-7	mg/kg	(1)							
Benz(a)anthracene	56-55-3	mg/kg	(1)							
Benzo(a)pyrene	50-32-8	mg/kg	(1)							
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)							
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)							
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)							
Benzyl alcohol	100-51-6	mg/kg	(1)							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)							
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-002A	K-3-SS-002A	K-3-SS-003	K-3-SS-003	K-3-SS-004	K-3-SS-004	K-3-SS-005
			Sample Date	4/2/1996	4/2/1996	4/21/1988	8/13/2004	4/21/1988	8/13/2004	8/13/2004
			Depth Interval	0 - 1	0 - 1	.5	0 - 1	.5	0 - 1	0 - 1
			Sample ID	3SS-2A(0-1)	3SS-2ADUP(0-1)	SS3-3(0.5)	3SS-3(0-1)	SS3-4(0.5)	3SS-4(0-1)	3SS-5(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
SVOC (continued)										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)							
Butylbenzyl phthalate	85-68-7	mg/kg	(1)							
Carbazole	86-74-8	mg/kg	(1)							
Chrysene	218-01-9	mg/kg	(1)							
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)							
Dibenzofuran	132-64-9	mg/kg	(1)							
Diethylphthalate	84-66-2	mg/kg	(1)							
Dimethylphthalate	131-11-3	mg/kg	(1)							
di-n-Butylphthalate	84-74-2	mg/kg	(1)							
di-n-Octylphthalate	117-84-0	mg/kg	(1)							
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)							
Fluoranthene	206-44-0	mg/kg	(1)							
Fluorene	86-73-7	mg/kg	(1)							
Hexachlorobenzene	118-74-1	mg/kg	(1)							
Hexachlorobutadiene	87-68-3	mg/kg	(1)							
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)							
Hexachloroethane	67-72-1	mg/kg	(1)							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)							
Isophorone	78-59-1	mg/kg	(1)							
Naphthalene	91-20-3	mg/kg	(1)							
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)							
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)							
Pentachlorophenol	87-86-5	mg/kg	(1)							
Phenanthrene	85-01-8	mg/kg	(1)							
Phenol	108-95-2	mg/kg	(1)							
Pyrene	129-00-0	mg/kg	(1)							
TPH										
Diesel Fuel	68334-30-5	mg/kg	(1)							
Diesel Range Organics	DRO	mg/kg	(1)							
Gasoline range organics	GRO	mg/kg	(1)							
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)							
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acetonitrile	75-05-8	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-002A	K-3-SS-002A	K-3-SS-003	K-3-SS-003	K-3-SS-004	K-3-SS-004	K-3-SS-005
			Sample Date	4/2/1996	4/2/1996	4/21/1988	8/13/2004	4/21/1988	8/13/2004	8/13/2004
			Depth Interval	0 - 1	0 - 1	.5	0 - 1	.5	0 - 1	0 - 1
			Sample ID	3SS-2A(0-1)	3SS-2ADUP(0-1)	SS3-3(0.5)	3SS-3(0-1)	SS3-4(0.5)	3SS-4(0-1)	3SS-5(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethanol	64-17-5	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
Isopropanol	67-63-0	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
tert-Butylalcohol	75-65-0	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl acetate	108-05-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Solids	%Solid	%	(1)				85.9		87.7	88.5
Ammonia	7664-41-7	mg/kg	(1)							
Chloride	16887-00-6	mg/kg	(1)							
Cyanide	57-12-5	mg/kg	(1)							
Fluoride	16984-48-8	mg/kg	(1)							
Nitrate	14797-55-8	ug/g	(1)			< 15		< 15		
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)							
Nitrite	14797-65-0	ug/g	(1)			< 2.5		< 2.5		
Phosphate	14265-44-2	mg/kg	(1)							
Sulfate	14808-79-8	mg/kg	(1)							
Sulfate	14808-79-8	ug/g	(1)			< 71		< 71		
Sulfide	18496-25-8	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SS-005 / 8/13/2004 / 0 - 1 / 3SS-5DUP(0-1) / SO	3 / K-3-SS-006A / 5/22/1996 / 0 - 1 / 3SS-6A(0-1) / SO	3 / K-3-SS-007A / 4/4/1996 / 0 - 1 / 3SS-7A(0-1) / SO	3 / K-3-SS-008A / 12/18/1995 / 0 - 1 / 3SS-8A(0-1) / SO	3 / K-3-SS-009A / 5/23/1996 / 0 - 1 / 3SS-9A(0-1) / SO	3 / K-3-SS-010A / 3/1/2000 / 0 - 1 / 3SS-10(0-1) / SO	3 / K-3-SS-011 / 3/1/2000 / 0 - 1 / 3SS-11(0-1) / SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.488 U		< 0.488 U	< 0.488 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.496 U		< 0.496 U	< 0.496 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.456 U		< 0.456 U	< 0.456 U		
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U						
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U						
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U						
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U						
HMX	2691-41-0	mg/kg	(1)	< 0.5 U	< 0.666 U		< 0.666 U	< 0.666 U		
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 2.41 U		< 2.41 U	< 2.41 U		
Nitrobenzene	98-95-3	mg/kg	(2)							
Nitrocellulose	9004-70-0	mg/kg	(1)		25.5		< 10.4 UJ	< 10.4 U		
Nitrocellulose	9004-70-0	ug/g	(1)							
Nitroglycerin	55-63-0	mg/kg	(1)		< 4 U		< 4 U	< 4 U		
Nitroguanidine	556-88-7	mg/kg	(1)		< 0.475 U		< 0.475 U	< 0.475 U		
PETN	78-11-5	mg/kg	(1)		< 4 U		< 4 U	< 4 U		
Picric Acid	88-89-1	mg/kg	(1)		< 0.108 U		< 0.108 UJ	< 0.108 U		
RDX	121-82-4	mg/kg	(1)	< 0.5 U	< 0.587 U		< 0.587 U	< 0.587 U		
Tetrazene	14097-21-3	mg/kg	(1)		< 1.19 R		< 1.19 R	< 1.19 R		
Tetryl	479-45-8	mg/kg	(1)	< 0.65 U	< 0.731 U		< 0.731 U	< 0.731 U		
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.25 U	< 0.424 U		< 0.424 U	< 0.424 U		
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)							
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.25 U	< 0.524 U		< 0.524 U	< 0.524 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)							
Herbicide										
2,4,5-T	93-76-5	mg/kg	(1)							
2,4,5-TP (Silvex)	93-72-1	mg/kg	(1)							
2,4-Dichlorophenoxyacetic acid	94-75-7	mg/kg	(1)							
2,4-Dichlorophenoxybutyric acid	94-82-6	mg/kg	(1)							
Isotope										
Uranium 235/238 Ratio	U-235/238 RATIO	No unit	(1)				0.69			
Metals										
Aluminum	7429-90-5	mg/kg	(1)	3740	5260		8180	6350	8910 J	9510 J
Antimony	7440-36-0	mg/kg	(1)	7.3	0.52		< 0.1 U	< 0.1 U	< 1.1 UJ	< 1.2 UJ
Arsenic	7440-38-2	mg/kg	(1)	3.6	2.6		4.48	3.35	4.5	3.1
Barium	7440-39-3	mg/kg	(1)	18.6 J	68.6		44.6	32.2	40.1	42.3
Barium	7440-39-3	ug/g	(1)							
Beryllium	7440-41-7	mg/kg	(1)	< 0.57 U	0.81		< 0.5 U	< 0.5 U	< 0.56 U	< 0.6 U
Boron	7440-42-8	mg/kg	(1)		7.6		< 5.91 U	< 5.91 U		
Cadmium	7440-43-9	mg/kg	(1)	0.44	1.03		< 0.7 U	< 0.7 U	1.4	0.64
Calcium	7440-70-2	mg/kg	(1)	6060	5700		1610	1480	1880 J	1080 J
Chromium	7440-47-3	mg/kg	(1)	7.3	24.1		16.1	12.4	12.8	12.2
Chromium	7440-47-3	ug/g	(1)							
Cobalt	7440-48-4	mg/kg	(1)	4.9 J	5.05		8.04	7.48	6.1	< 6 U
Copper	7440-50-8	mg/kg	(1)	14.8 E	60.2		17.9	17.7	39.6	22.4
Iron	7439-89-6	mg/kg	(1)	13000 E	14000		16900	15200	14500	18100
Lead	7439-92-1	mg/kg	(1)	10.5 E	124		18.3	15.3	196	174
Magnesium	7439-95-4	mg/kg	(1)	4510	2870		2100	2120	1710	1660

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-005	K-3-SS-006A	K-3-SS-007A	K-3-SS-008A	K-3-SS-009A	K-3-SS-010A	K-3-SS-011
			Sample Date	8/13/2004	5/22/1996	4/4/1996	12/18/1995	5/23/1996	3/1/2000	3/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	3SS-5DUP(0-1)	3SS-6A(0-1)	3SS-7A(0-1)	3SS-8A(0-1)	3SS-9A(0-1)	3SS-10(0-1)	3SS-11(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Metals (continued)										
Manganese	7439-96-5	mg/kg	(1)	150 E	395		360	233	246	159
Mercury	7439-97-6	mg/kg	(1)	0.01 J	0.05		< 0.05 U	0.09	0.15	0.06 J
Nickel	7440-02-0	mg/kg	(1)	7.5	14.4		11.1	11.9	11	9.8
Potassium	7440-09-7	mg/kg	(1)	578 E	741		583	648	574 J	739 J
Selenium	7782-49-2	mg/kg	(1)	< 0.57 U	2.5		< 0.25 U	1.21	< 0.56 U	0.92
Silver	7440-22-4	mg/kg	(1)	< 0.57 U	< 0.589 U		< 0.589 UJ	< 0.589 U	< 0.56 U	< 0.6 U
Sodium	7440-23-5	mg/kg	(1)	< 572 U	394		140	295	48.4 J	56.3 J
Strontium	7440-24-6	mg/kg	(1)		30		13.9	18.1		
Thallium	7440-28-0	mg/kg	(1)	0.47 J	< 0.1 U		< 0.1 U	< 0.1 U	< 1.1 U	0.97 J
Titanium	7440-32-6	mg/kg	(1)		603		474	655		
Vanadium	7440-62-2	mg/kg	(1)	9.9 E	12.6		24.8	22.5	25.1	26.1
Zinc	7440-66-6	mg/kg	(1)	28.1 E	187		57.5	48.1	< 2.2 R	< 2.4 R
Zirconium	7440-67-7	mg/kg	(1)		6.67		5.99	4.53		
PCBs										
Aroclor 1016	12674-11-2	mg/kg	(1)			< 0.0666 U				
Aroclor 1221	11104-28-2	mg/kg	(1)			< 0.082 UT				
Aroclor 1232	11141-16-5	mg/kg	(1)			< 0.082 UT				
Aroclor 1242	53469-21-9	mg/kg	(1)			< 0.082 UT				
Aroclor 1248	12672-29-6	mg/kg	(1)			< 0.082 UT				
Aroclor 1254	11097-69-1	mg/kg	(1)			< 0.082 UT				
Aroclor 1260	11096-82-5	mg/kg	(1)			< 0.0804 UJ				
Pesticides										
4,4'-DDD	72-54-8	mg/kg	(1)							
4,4'-DDE	72-55-9	mg/kg	(1)							
4,4'-DDT	50-29-3	mg/kg	(1)							
Aldrin	309-00-2	mg/kg	(1)							
alpha-BHC	319-84-6	mg/kg	(1)							
alpha-Chlordane	5103-71-9	mg/kg	(1)							
beta-BHC	319-85-7	mg/kg	(1)							
Dalapon	75-99-0	mg/kg	(1)							
delta-BHC	319-86-8	mg/kg	(1)							
Dicamba	1918-00-9	mg/kg	(1)							
Dichloroprop	120-36-5	mg/kg	(1)							
Dieldrin	60-57-1	mg/kg	(1)							
Endosulfan I	959-98-8	mg/kg	(1)							
Endosulfan II	33213-65-9	mg/kg	(1)							
Endosulfan sulfate	1031-07-8	mg/kg	(1)							
Endrin	72-20-8	mg/kg	(1)							
Endrin aldehyde	7421-93-4	mg/kg	(1)							
Endrin ketone	53494-70-5	mg/kg	(1)							
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)							
gamma-Chlordane	5103-74-2	mg/kg	(1)							
Heptachlor	76-44-8	mg/kg	(1)							
Heptachlor epoxide	1024-57-3	mg/kg	(1)							
Methoxychlor	72-43-5	mg/kg	(1)							
Mirex	2385-85-5	mg/kg	(1)		< 0.25 U		< 0.25 U	< 0.25 U		
Toxaphene	8001-35-2	mg/kg	(1)							

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-005	K-3-SS-006A	K-3-SS-007A	K-3-SS-008A	K-3-SS-009A	K-3-SS-010A	K-3-SS-011
			Sample Date	8/13/2004	5/22/1996	4/4/1996	12/18/1995	5/23/1996	3/1/2000	3/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	3SS-5DUP(0-1)	3SS-6A(0-1)	3SS-7A(0-1)	3SS-8A(0-1)	3SS-9A(0-1)	3SS-10(0-1)	3SS-11(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
Radiological										
Americium-241	86954-36-1	pCi/g	(1)		< 0.067 U			0.06		
Cesium-137	10045-97-3	pCi/g	(1)		0.08			0.15		
Cobalt-60	10198-40-0	pCi/g	(1)		< 0.0375 U			< 0.0294 U		
Gross alpha	12587-46-1	pCi/g	(1)		6.98		2.7	3.39		
Gross beta	12587-47-2	pCi/g	(1)		5.4		2.44	3.21		
Radium-226	13982-63-3	pCi/g	(1)		0.73			0.75		
Total Uranium	7440-61-1 U	mg/kg	(1)		2.7		1.34	1.95		
Uranium-235	15117-96-1	pCi/g	(1)		0.08		0.01	0.02		
Uranium-238	7440-61-1 U-238	pCi/g	(1)		0.86		0.36	0.47		
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.04 U		< 0.04 U	< 0.04 U		
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.11 U		< 0.11 U	< 0.11 U		
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.13 U		< 0.13 U	< 0.13 U		
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.098 U		< 0.098 U	< 0.098 U		
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.1 U		< 0.1 U	< 0.1 U		
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.17 U		< 0.17 U	< 0.17 U		
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.18 U		< 0.18 U	< 0.18 U		
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.69 U		< 0.69 U	< 0.69 U		
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.2 U		< 1.2 U	< 1.2 U		
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.036 U		< 0.036 U	< 0.036 U		
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.06 U		< 0.06 U	< 0.06 U		
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.049 U		< 0.049 U	< 0.049 U		
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.029 U		< 0.029 U	< 0.029 U		
2-Nitroaniline	88-74-4	mg/kg	(1)		< 0.062 U		< 0.062 U	< 0.062 U		
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.14 U		< 0.14 U	< 0.14 U		
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 6.3 U		< 6.3 U	< 6.3 U		
3-Nitroaniline	99-09-2	mg/kg	(1)		< 0.45 U		< 0.45 U	< 0.45 U		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 0.55 U		< 0.55 U	< 0.55 U		
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.033 U		< 0.033 U	< 0.033 U		
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.095 U		< 0.095 U	< 0.095 U		
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.81 U		< 0.81 U	< 0.81 U		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.033 U		< 0.033 U	< 0.033 U		
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.24 U#		< 0.24 U#	< 0.24 U#		
4-Nitroaniline	100-01-6	mg/kg	(1)		< 0.41 U		< 0.41 U	< 0.41 U		
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.4 U		< 1.4 U	< 1.4 U		
Acenaphthene	83-32-9	mg/kg	(1)		< 0.036 U		< 0.036 U	0.1		
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.033 U		< 0.033 U	< 0.033 U		
Aniline	62-53-3	mg/kg	(1)		< 0.65 U		< 0.65 U	< 0.65 U		
Anthracene	120-12-7	mg/kg	(1)		< 0.033 U		< 0.033 U	0.18		
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.17 U		< 0.17 U	0.6		
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 0.25 U		< 0.25 U	0.66		
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 0.21 U		< 0.21 U	0.97		
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.25 U		< 0.25 U	0.3		
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.066 U		< 0.066 U	0.25		
Benzyl alcohol	100-51-6	mg/kg	(1)		< 0.19 U		< 0.19 U	< 0.19 U		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.059 U		< 0.059 U	< 0.059 U		
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.033 U		< 0.033 U	< 0.033 U		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.2 U		< 0.2 U	< 0.2 U		

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-005	K-3-SS-006A	K-3-SS-007A	K-3-SS-008A	K-3-SS-009A	K-3-SS-010A	K-3-SS-011
			Sample Date	8/13/2004	5/22/1996	4/4/1996	12/18/1995	5/23/1996	3/1/2000	3/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	3SS-5DUP(0-1)	3SS-6A(0-1)	3SS-7A(0-1)	3SS-8A(0-1)	3SS-9A(0-1)	3SS-10(0-1)	3SS-11(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
			ValueNo							
SVOC (continued)										
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.62 U		< 0.62 U	< 0.62 U		
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.17 U		< 0.17 U	< 0.17 U		
Carbazole	86-74-8	mg/kg	(1)		< 0.14 U		< 0.14 U	< 0.14 U		
Chrysene	218-01-9	mg/kg	(1)		< 0.12 U		< 0.12 U	0.77		
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.21 U		< 0.21 U	< 0.21 U		
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.035 U		< 0.035 U	< 0.035 U		
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.24 U		< 0.24 U	< 0.24 U		
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.17 U		< 0.17 U	< 0.17 U		
di-n-Butylphthalate	84-74-2	mg/kg	(1)		0.08		< 0.061 U	< 0.061 U		
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.19 U		< 0.19 U	< 0.19 U		
Dinoseb	88-85-7	mg/kg	(1)							
Diphenylamine	122-39-4	mg/kg	(1)		< 0.13 U		< 0.13 U	< 0.13 U		
Fluoranthene	206-44-0	mg/kg	(1)		0.1		< 0.068 U	1.4		
Fluorene	86-73-7	mg/kg	(1)		< 0.033 U		< 0.033 U	0.07		
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.033 U		< 0.033 U	< 0.033 U		
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.23 U		< 0.23 U	< 0.23 U		
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 6.2 U		< 6.2 U	< 6.2 U		
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.15 U		< 0.15 U	< 0.15 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.29 U		< 0.29 U	0.36		
Isophorone	78-59-1	mg/kg	(1)		< 0.033 U		< 0.033 U	< 0.033 U		
Naphthalene	91-20-3	mg/kg	(1)		< 0.037 U		< 0.037 U	< 0.037 U		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.2 U		< 0.2 U	< 0.2 U		
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.19 U		< 0.19 U	< 0.19 U		
Pentachlorophenol	87-86-5	mg/kg	(1)		< 1.3 U		< 1.3 U	< 1.3 U		
Phenanthrene	85-01-8	mg/kg	(1)		< 0.033 U		< 0.033 U	0.72		
Phenol	108-95-2	mg/kg	(1)		< 0.11 U		< 0.11 U	< 0.11 U		
Pyrene	129-00-0	mg/kg	(1)		0.09		< 0.033 U	1.3		
TPH										
Diesel Fuel	68334-30-5	mg/kg	(1)							
Diesel Range Organics	DRO	mg/kg	(1)							
Gasoline range organics	GRO	mg/kg	(1)							
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)							
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)							
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)							
1,1-Dichloroethane	75-34-3	mg/kg	(1)							
1,1-Dichloroethene	75-35-4	mg/kg	(1)							
1,2-Dichloroethane	107-06-2	mg/kg	(1)							
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)							
1,2-Dichloropropane	78-87-5	mg/kg	(1)							
2-Butanone	78-93-3	mg/kg	(1)							
2-Hexanone	591-78-6	mg/kg	(1)							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)							
Acetone	67-64-1	mg/kg	(1)							
Acetonitrile	75-05-8	mg/kg	(1)							
Benzene	71-43-2	mg/kg	(1)							
Bromodichloromethane	75-27-4	mg/kg	(1)							

			Site Name	3	3	3	3	3	3	3
			Location ID	K-3-SS-005	K-3-SS-006A	K-3-SS-007A	K-3-SS-008A	K-3-SS-009A	K-3-SS-010A	K-3-SS-011
			Sample Date	8/13/2004	5/22/1996	4/4/1996	12/18/1995	5/23/1996	3/1/2000	3/1/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	3SS-5DUP(0-1)	3SS-6A(0-1)	3SS-7A(0-1)	3SS-8A(0-1)	3SS-9A(0-1)	3SS-10(0-1)	3SS-11(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**							
VOC (continued)										
Bromoform	75-25-2	mg/kg	(1)							
Bromomethane	74-83-9	mg/kg	(1)							
Carbon disulfide	75-15-0	mg/kg	(1)							
Carbon tetrachloride	56-23-5	mg/kg	(1)							
Chlorobenzene	108-90-7	mg/kg	(1)							
Chloroethane	75-00-3	mg/kg	(1)							
Chloroform	67-66-3	mg/kg	(1)							
Chloromethane	74-87-3	mg/kg	(1)							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)							
Dibromochloromethane	124-48-1	mg/kg	(1)							
Dichlorodifluoromethane	75-71-8	mg/kg	(1)							
Ethanol	64-17-5	mg/kg	(1)							
Ethyl benzene	100-41-4	mg/kg	(1)							
Isopropanol	67-63-0	mg/kg	(1)							
Methylene chloride	75-09-2	mg/kg	(1)							
Styrene	100-42-5	mg/kg	(1)							
tert-Butylalcohol	75-65-0	mg/kg	(1)							
Tetrachloroethene	127-18-4	mg/kg	(1)							
Toluene	108-88-3	mg/kg	(1)							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)							
Trichloroethene	79-01-6	mg/kg	(1)							
Trichlorofluoromethane	75-69-4	mg/kg	(1)							
Vinyl acetate	108-05-4	mg/kg	(1)							
Vinyl chloride	75-01-4	mg/kg	(1)							
Xylenes	1330-20-7	mg/kg	(1)							
WetChem										
% Solids	%Solid	%	(1)	87.5					89.4	83.6
Ammonia	7664-41-7	mg/kg	(1)		44.4		32.6	63.6		
Chloride	16887-00-6	mg/kg	(1)		< 6.05 U		< 6.05 U	< 6.05 U		
Cyanide	57-12-5	mg/kg	(1)		< 0.92 U		< 0.92 U	< 0.92 U		
Fluoride	16984-48-8	mg/kg	(1)		5.78		< 3.62 U	< 3.62 U		
Nitrate	14797-55-8	ug/g	(1)							
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)		< 0.6 U		< 0.6 U	3.32		
Nitrite	14797-65-0	ug/g	(1)							
Phosphate	14265-44-2	mg/kg	(1)		560		310	420		
Sulfate	14808-79-8	mg/kg	(1)		< 90.4 U		< 90.4 U	< 90.4 U		
Sulfate	14808-79-8	ug/g	(1)							
Sulfide	18496-25-8	mg/kg	(1)		310		10.3	< 6 U		

Chemical Name	CAS No	Unit	ValueNo	Site Name: 3 Location ID: K-3-SW-001 Sample Date: 4/22/1988 Depth Interval: .2 Sample ID: SW3-1(0.2)(19880422) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-001 Sample Date: 8/8/1996 Depth Interval: Sample ID: 3SW-1(19960808) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-002 Sample Date: 4/22/1988 Depth Interval: .5 Sample ID: SW3-2(0.5)(19880422) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-002 Sample Date: 4/22/1988 Depth Interval: 4.9 Sample ID: SW3-2(4.9)(19880422) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-003 Sample Date: 4/22/1988 Depth Interval: .5 Sample ID: SW3-3(0.5)(19880422) Sample Matrix: WS
Dioxins								
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	ug/L	(1)					
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	ug/L	(1)					
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	ug/L	(1)					
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	ug/L	(1)					
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	ug/L	(1)					
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	ug/L	(1)					
Octachlorodibenzodioxin	3268-87-9	ug/L	(1)					
Total heptachlorodibenzo-p-dioxins	37871-00-4	ug/L	(1)					
Total hexachlorodibenzo-p-dioxins	34465-46-8	ug/L	(1)					
Total pentachlorodibenzo-p-dioxins	36088-22-9	ug/L	(1)					
Total tetrachlorodibenzo-p-dioxins	41903-57-5	ug/L	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)		< 0.449 U			
1,3-Dinitrobenzene	99-65-0	ug/L	(1)		< 0.611 U			
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)		< 0.635 U			
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)					
2-Nitrotoluene	88-72-2	ug/L	(1)					
3-Nitrotoluene	99-08-1	ug/L	(1)					
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)					
4-Nitrotoluene	99-99-0	ug/L	(1)					
HMX	2691-41-0	ug/L	(1)		< 1.21 U			
Nitrobenzene	98-95-3	ug/L	(1)		< 0.645 U			
Nitrobenzene	98-95-3	ug/L	(2)					
Nitrocellulose	9004-70-0	ug/l	(1)	< 549	< 553 U		< 549	
Nitroglycerin	55-63-0	ug/L	(1)		< 10 U			
Nitroguanidine	556-88-7	ug/L	(1)		< 30.9 U			
PETN	78-11-5	ug/L	(1)		< 20 U			
Picric Acid	88-89-1	ug/L	(1)		< 0.27 U			
RDX	121-82-4	ug/L	(1)		< 1.17 U			
Tetrazene	14097-21-3	ug/L	(1)		< 40 UJ			
Tetryl	479-45-8	ug/L	(1)		< 1.56 U			
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	ug/L	(1)		0.2			
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					
2,6-Dinitrotoluene	606-20-2	ug/L	(1)		< 0.0738 U			
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					
Furans								
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ug/L	(1)					
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ug/L	(1)					
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ug/L	(1)					
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ug/L	(1)					
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ug/L	(1)					
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ug/L	(1)					
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ug/L	(1)					
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ug/L	(1)					
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ug/L	(1)					
Octachlorodibenzofuran	39001-02-0	ug/L	(1)					
Total heptachlorodibenzofurans	38998-75-3	ug/L	(1)					
Total hexachlorodibenzofurans	55684-94-1	ug/L	(1)					
Total pentachlorodibenzofurans	30402-15-4	ug/L	(1)					
Total tetrachlorodibenzofurans	30402-14-3	ug/L	(1)					

Chemical Name	CAS No	Unit	ValueNo	Site Name: 3 Location ID: K-3-SW-001 Sample Date: 4/22/1988 Depth Interval: .2 Sample ID: SW3-1(0.2)(19880422) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-001 Sample Date: 8/8/1996 Depth Interval: Sample ID: 3SW-1(19960808) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-002 Sample Date: 4/22/1988 Depth Interval: .5 Sample ID: SW3-2(0.5)(19880422) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-002 Sample Date: 4/22/1988 Depth Interval: 4.9 Sample ID: SW3-2(4.9)(19880422) Sample Matrix: WS	Site Name: 3 Location ID: K-3-SW-003 Sample Date: 4/22/1988 Depth Interval: .5 Sample ID: SW3-3(0.5)(19880422) Sample Matrix: WS
Metals								
Aluminum	7429-90-5	ug/L	(1)		545			
Antimony	7440-36-0	ug/L	(1)		< 1 U			
Arsenic	7440-38-2	ug/L	(1)		< 1 U			
Barium	7440-39-3	ug/l	(1)	< 20	38		22.7	
Beryllium	7440-41-7	ug/L	(1)		< 5 U			
Boron	7440-42-8	ug/L	(1)		< 50 U			
Cadmium	7440-43-9	ug/L	(1)		< 3.01 U			
Calcium	7440-70-2	ug/L	(1)		16600			
Chromium	7440-47-3	ug/l	(1)	< 3.3	< 6.96 U		< 3.3	
Cobalt	7440-48-4	ug/L	(1)		< 50 U			
Copper	7440-50-8	ug/L	(1)		< 5 U			
Iron	7439-89-6	ug/L	(1)		1120			
Lead	7439-92-1	ug/L	(1)		2.36			
Magnesium	7439-95-4	ug/L	(1)		6570			
Manganese	7439-96-5	ug/L	(1)		383			
Mercury	7439-97-6	ug/L	(1)		< 0.243 UJ			
Nickel	7440-02-0	ug/L	(1)		< 7.11 U			
Potassium	7440-09-7	ug/L	(1)		< 1000 U			
Selenium	7782-49-2	ug/L	(1)		< 2 U			
Silver	7440-22-4	ug/L	(1)		< 4.42 U			
Sodium	7440-23-5	ug/L	(1)		42300			
Strontium	7440-24-6	ug/L	(1)		95			
Thallium	7440-28-0	ug/L	(1)		< 1 U			
Titanium	7440-32-6	ug/L	(1)		13.1			
Vanadium	7440-62-2	ug/L	(1)		< 4.69 U			
Zinc	7440-66-6	ug/L	(1)		< 35.8 U			
Zirconium	7440-67-7	ug/L	(1)		< 1 UJ			
PCBs								
Aroclor 1016	12674-11-2	ug/L	(1)					
Aroclor 1221	11104-28-2	ug/L	(1)					
Aroclor 1232	11141-16-5	ug/L	(1)					
Aroclor 1242	53469-21-9	ug/L	(1)					
Aroclor 1248	12672-29-6	ug/L	(1)					
Aroclor 1254	11097-69-1	ug/L	(1)					
Aroclor 1260	11096-82-5	ug/L	(1)					
Pesticides								
4,4'-DDD	72-54-8	ug/L	(1)					
4,4'-DDE	72-55-9	ug/L	(1)					
4,4'-DDT	50-29-3	ug/L	(1)					
Aldrin	309-00-2	ug/L	(1)					
alpha-BHC	319-84-6	ug/L	(1)					
alpha-Chlordane	5103-71-9	ug/L	(1)					
beta-BHC	319-85-7	ug/L	(1)					
Chlordane	57-74-9	ug/L	(1)					
delta-BHC	319-86-8	ug/L	(1)					
Diazinon	333-41-5	ug/L	(1)					
Dieldrin	60-57-1	ug/L	(1)					
Endosulfan I	959-98-8	ug/L	(1)					
Endosulfan II	33213-65-9	ug/L	(1)					
Endosulfan sulfate	1031-07-8	ug/L	(1)					
Endrin	72-20-8	ug/L	(1)					

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3
			Location ID	K-3-SW-001	K-3-SW-001	K-3-SW-002	K-3-SW-002	K-3-SW-003
			Sample Date	4/22/1988	8/8/1996	4/22/1988	4/22/1988	4/22/1988
			Depth Interval	.2		.5	4.9	.5
			Sample ID	SW3-1(0.2)(19880422)	3SW-1(19960808)	SW3-2(0.5)(19880422)	SW3-2(4.9)(19880422)	SW3-3(0.5)(19880422)
			Sample Matrix	WS	WS	WS	WS	WS
			ValueNo					
Pesticides (continued)								
Endrin aldehyde	7421-93-4	ug/L	(1)					
Endrin ketone	53494-70-5	ug/L	(1)					
gamma-BHC (Lindane)	58-89-9	ug/L	(1)					
gamma-Chlordane	5103-74-2	ug/L	(1)					
Heptachlor	76-44-8	ug/L	(1)					
Heptachlor epoxide	1024-57-3	ug/L	(1)					
Isodrin	465-73-6	ug/L	(1)					
Malathion	121-75-5	ug/L	(1)					
Methoxychlor	72-43-5	ug/L	(1)					
Mirex	2385-85-5	ug/L	(1)		< 0.025 U			
Toxaphene	8001-35-2	ug/L	(1)					
Radiological								
Americium-241	86954-36-1	pCi/L	(1)		< 37.3 U			
Cesium-137	10045-97-3	pCi/L	(1)		< 1.73 U			
Cobalt-60	10198-40-0	pCi/L	(1)		3.39			
Gross alpha	12587-46-1	pCi/L	(1)		0.4			
Gross beta	12587-47-2	pCi/L	(1)		0.73			
Radium-226	13982-63-3	pCi/L	(1)		38.2			
Total Uranium	7440-61-1 U	ug/L	(1)		< 0.111 U			
Uranium-235	15117-96-1	pCi/L	(1)		< 0.0769 U			
Uranium-238	7440-61-1 U-238	pCi/L	(1)		< 0.101 U			
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)					
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)		< 1.8 U			
1,2-Dichlorobenzene	95-50-1	ug/L	(1)		< 1.7 U			
1,3-Dichlorobenzene	541-73-1	ug/L	(1)		< 1.7 U			
1,4-Dichlorobenzene	106-46-7	ug/L	(1)		< 1.7 U			
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)		< 5.2 U			
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)		< 4.2 U			
2,4-Dichlorophenol	120-83-2	ug/L	(1)		< 2.9 U			
2,4-Dimethylphenol	105-67-9	ug/L	(1)		< 5.8 U			
2,4-Dinitrophenol	51-28-5	ug/L	(1)		< 21 U			
2-Chloronaphthalene	91-58-7	ug/L	(1)		< 0.5 U			
2-Chlorophenol	95-57-8	ug/L	(1)		< 0.99 U			
2-Methylnaphthalene	91-57-6	ug/L	(1)		< 1.7 U			
2-Methylphenol	95-48-7	ug/L	(1)		< 3.9 U			
2-Nitroaniline	88-74-4	ug/L	(1)		< 4.3 U			
2-Nitrophenol	88-75-5	ug/L	(1)		< 3.7 U			
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)		< 12 U			
3-Nitroaniline	99-09-2	ug/L	(1)		< 4.9 U			
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)		< 17 U			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)		< 4.2 U			
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)		< 4 U			
4-Chloroaniline	106-47-8	ug/L	(1)		< 7.3 U			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)		< 5.1 U			
4-Methylphenol	106-44-5	ug/L	(1)		< 0.52 U#			
4-Nitroaniline	100-01-6	ug/L	(1)		< 5.2 U			
4-Nitrophenol	100-02-7	ug/L	(1)		< 12 U			
Acenaphthene	83-32-9	ug/L	(1)		< 1.7 U			
Acenaphthylene	208-96-8	ug/L	(1)		< 0.5 U			
Aniline	62-53-3	ug/L	(1)		< 4.4 U			

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3
			Location ID	K-3-SW-001	K-3-SW-001	K-3-SW-002	K-3-SW-002	K-3-SW-003
			Sample Date	4/22/1988	8/8/1996	4/22/1988	4/22/1988	4/22/1988
			Depth Interval	.2		.5	4.9	.5
			Sample ID	SW3-1(0.2)(19880422)	3SW-1(19960808)	SW3-2(0.5)(19880422)	SW3-2(4.9)(19880422)	SW3-3(0.5)(19880422)
			Sample Matrix	WS	WS	WS	WS	WS
			ValueNo					
SVOC (continued)								
Anthracene	120-12-7	ug/L	(1)		< 0.5 U			
Benz(a)anthracene	56-55-3	ug/L	(1)		< 1.6 U			
Benzo(a)pyrene	50-32-8	ug/L	(1)		< 4.7 U			
Benzo(b)fluoranthene	205-99-2	ug/L	(1)		< 5.4 U			
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)		< 6.1 U			
Benzo(k)fluoranthene	207-08-9	ug/L	(1)		< 0.87 U			
Benzoic Acid	65-85-0	ug/L	(1)		< 13 U			
Benzyl alcohol	100-51-6	ug/L	(1)		< 0.72 U			
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)		< 1.5 U			
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)		< 1.9 U			
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)		< 5.3 U			
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)		< 4.8 U			
Butylbenzyl phthalate	85-68-7	ug/L	(1)		< 3.4 U			
Carbazole	86-74-8	ug/L	(1)		< 2 U			
Chrysene	218-01-9	ug/L	(1)		< 2.4 U			
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)		< 6.5 U			
Dibenzofuran	132-64-9	ug/L	(1)		< 1.7 U			
Diethylphthalate	84-66-2	ug/L	(1)		< 2 U			
Dimethylphthalate	131-11-3	ug/L	(1)		< 1.5 U			
di-n-Butylphthalate	84-74-2	ug/L	(1)		< 3.7 U			
di-n-Octylphthalate	117-84-0	ug/L	(1)		< 15 U			
Diphenylamine	122-39-4	ug/L	(1)		< 2.5 U			
Fluoranthene	206-44-0	ug/L	(1)		< 3.3 U			
Fluorene	86-73-7	ug/L	(1)		< 3.7 U			
Hexachlorobenzene	118-74-1	ug/L	(1)		< 1.6 U			
Hexachlorobutadiene	87-68-3	ug/L	(1)		< 3.4 U			
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)		< 8.6 U			
Hexachloroethane	67-72-1	ug/L	(1)		< 1.5 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)		< 8.6 U			
Isophorone	78-59-1	ug/L	(1)		< 4.8 U			
Naphthalene	91-20-3	ug/L	(1)		< 0.5 U			
N-Nitrosodimethylamine	62-75-9	ug/L	(1)					
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)		< 4.4 U			
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)		< 3 U			
Pentachlorophenol	87-86-5	ug/L	(1)		< 0.042 U			
Phenanthrene	85-01-8	ug/L	(1)		< 0.5 U			
Phenol	108-95-2	ug/L	(1)		< 9.2 U			
Pyrene	129-00-0	ug/L	(1)		< 2.8 U			
TPH								
Diesel Fuel	68334-30-5	ug/L	(1)					
Gasoline	8006-61-9	ug/L	(1)					
TPH, aviation gas fraction	50815-00-4	ug/L	(1)					
TRPH	TRPH	ug/L	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	ug/L	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)					
1,1,2-Trichloroethane	79-00-5	ug/L	(1)					
1,1-Dichloroethane	75-34-3	ug/L	(1)					
1,1-Dichloroethene	75-35-4	ug/L	(1)					
1,2-Dichloroethane	107-06-2	ug/L	(1)					
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)					

			Site Name	3	3	3	3	3
			Location ID	K-3-SW-001	K-3-SW-001	K-3-SW-002	K-3-SW-002	K-3-SW-003
			Sample Date	4/22/1988	8/8/1996	4/22/1988	4/22/1988	4/22/1988
			Depth Interval	.2		.5	4.9	.5
			Sample ID	SW3-1(0.2)(19880422)	3SW-1(19960808)	SW3-2(0.5)(19880422)	SW3-2(4.9)(19880422)	SW3-3(0.5)(19880422)
			Sample Matrix	WS	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
VOC (continued)								
1,2-Dichloropropane	78-87-5	ug/L	(1)					
2-Butanone	78-93-3	ug/L	(1)					
2-Hexanone	591-78-6	ug/L	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)					
Acetone	67-64-1	ug/L	(1)					
Acetonitrile	75-05-8	ug/L	(1)					
Benzene	71-43-2	ug/L	(1)					
Bromodichloromethane	75-27-4	ug/L	(1)					
Bromoform	75-25-2	ug/L	(1)					
Bromomethane	74-83-9	ug/L	(1)					
Carbon disulfide	75-15-0	ug/L	(1)					
Carbon tetrachloride	56-23-5	ug/L	(1)					
Chlorobenzene	108-90-7	ug/L	(1)					
Chloroethane	75-00-3	ug/L	(1)					
Chloroform	67-66-3	ug/L	(1)					
Chloromethane	74-87-3	ug/L	(1)					
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)					
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)					
Dibromochloromethane	124-48-1	ug/L	(1)					
Dichlorodifluoromethane	75-71-8	ug/L	(1)					
Ethanol	64-17-5	ug/L	(1)					
Ethyl benzene	100-41-4	ug/L	(1)					
Isopropanol	67-63-0	ug/L	(1)					
Methylene chloride	75-09-2	ug/L	(1)					
Styrene	100-42-5	ug/L	(1)					
tert-Butylalcohol	75-65-0	ug/L	(1)					
Tetrachloroethene	127-18-4	ug/L	(1)					
Toluene	108-88-3	ug/L	(1)					
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)					
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)					
Trichloroethene	79-01-6	ug/L	(1)					
Trichlorofluoromethane	75-69-4	ug/L	(1)					
Vinyl acetate	108-05-4	ug/L	(1)					
Vinyl chloride	75-01-4	ug/L	(1)					
Xylenes	1330-20-7	ug/L	(1)					
WetChem								
Ammonia	7664-41-7	ug/L	(1)		58.2 J			
Chloride	16887-00-6	ug/L	(1)		110000			
Cyanide	57-12-5	ug/L	(1)		< 2.5 R			
Fluoride	16984-48-8	ug/L	(1)		< 1230 U			
Nitrate	14797-55-8	ug/l	(1)	422		393		523
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)		< 10 U			
Nitrite	14797-65-0	ug/l	(1)	< 50		< 50		< 50
Phosphate	14265-44-2	ug/L	(1)		21.5			
Phosphorus	7723-14-0	ug/L	(1)					
Sulfate	14808-79-8	ug/l	(1)	11500	< 10000 U		15400	
Sulfide	18496-25-8	ug/L	(1)		< 50 U			

Chemical Name	CAS No	Unit	ValueNo	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
				3	K-3-SW-003	4/22/1988	4.9	SW3-3(4.9)(19880422)	WS	3	K-3-SW-004	4/22/1988	.2	SW3-4(0.2)(19880422)	WS	3	K-3-SW-004	8/29/1996		3SW-4(19960829)	WS	3	K-3-SW-005	8/8/1996		3SW-5(19960808)	WS	3	K-3-SW-006	8/8/1996		3SW-6(19960808)	WS	3	K-3-SW-007	8/8/1996		3SW-7(19960808)	WS
Dioxins																																	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	ug/L	(1)																														
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	ug/L	(1)																														
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	ug/L	(1)																														
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	ug/L	(1)																														
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	ug/L	(1)																														
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	ug/L	(1)																														
Octachlorodibenzodioxin	3268-87-9	ug/L	(1)																														
Total heptachlorodibenzo-p-dioxins	37871-00-4	ug/L	(1)																														
Total hexachlorodibenzo-p-dioxins	34465-46-8	ug/L	(1)																														
Total pentachlorodibenzo-p-dioxins	36088-22-9	ug/L	(1)																														
Total tetrachlorodibenzo-p-dioxins	41903-57-5	ug/L	(1)																														
Explosives																																	
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)																	< 0.449 U						< 0.449 U						< 0.449 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)																	< 0.611 U						< 0.611 U						< 0.611 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)																	< 0.635 U						< 0.635 U						< 0.635 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)																														
2-Nitrotoluene	88-72-2	ug/L	(1)																														
3-Nitrotoluene	99-08-1	ug/L	(1)																														
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)																														
4-Nitrotoluene	99-99-0	ug/L	(1)																														
HMX	2691-41-0	ug/L	(1)																	< 1.21 U						< 1.21 U						< 1.21 U	
Nitrobenzene	98-95-3	ug/L	(1)																	< 0.645 U						< 0.645 U						< 0.645 U	
Nitrobenzene	98-95-3	ug/L	(2)																														
Nitrocellulose	9004-70-0	ug/l	(1)					< 549						< 549						< 553 U						< 553 U						< 553 U	
Nitroglycerin	55-63-0	ug/L	(1)																	< 10 U						< 10 U						< 10 U	
Nitroguanidine	556-88-7	ug/L	(1)																	< 30.9 U						< 30.9 U						< 30.9 U	
PETN	78-11-5	ug/L	(1)																	< 20 U						< 20 U						< 20 U	
Picric Acid	88-89-1	ug/L	(1)																	< 0.27 U						< 0.27 U						< 0.27 U	
RDX	121-82-4	ug/L	(1)																	< 1.17 U						< 1.17 U						< 1.17 U	
Tetrazene	14097-21-3	ug/L	(1)																	< 40 U						< 40 UJ						< 40 UJ	
Tetryl	479-45-8	ug/L	(1)																	< 1.56 U						< 1.56 U						< 1.56 U	
Explosives / SVOC																																	
2,4-Dinitrotoluene	121-14-2	ug/L	(1)																	< 0.0637 U						0.18						0.12						< 0.0637 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)																														
2,6-Dinitrotoluene	606-20-2	ug/L	(1)																	< 0.0738 U						< 0.0738 U						< 0.0738 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)																														
Furans																																	
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ug/L	(1)																														
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ug/L	(1)																														
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ug/L	(1)																														
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ug/L	(1)																														
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ug/L	(1)																														
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ug/L	(1)																														
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ug/L	(1)																														
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ug/L	(1)																														
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ug/L	(1)																														
Octachlorodibenzofuran	39001-02-0	ug/L	(1)																														
Total heptachlorodibenzofurans	38998-75-3	ug/L	(1)																														
Total hexachlorodibenzofurans	55684-94-1	ug/L	(1)																														
Total pentachlorodibenzofurans	30402-15-4	ug/L	(1)																														
Total tetrachlorodibenzofurans	30402-14-3	ug/L	(1)																														

Chemical Name	CAS No	Unit	ValueNo	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix
				3	K-3-SW-003	4/22/1988	4.9	SW3-3(4.9)(19880422)	WS	3	K-3-SW-004	4/22/1988	.2	SW3-4(0.2)(19880422)	WS	3	K-3-SW-004	8/29/1996		3SW-4(19960829)	WS	3	K-3-SW-005	8/8/1996		3SW-5(19960808)	WS	3	K-3-SW-006	8/8/1996		3SW-6(19960808)	WS	3	K-3-SW-007	8/8/1996		3SW-7(19960808)	WS
Metals																																
Aluminum	7429-90-5	ug/L	(1)																	803						149						666						73.7	
Antimony	7440-36-0	ug/L	(1)																	< 1 U						< 1 U						< 1 U						< 1 U	
Arsenic	7440-38-2	ug/L	(1)																	< 1 UJ						< 1 U						1.47						< 1 U	
Barium	7440-39-3	ug/l	(1)					21.7						< 20						19.5						23.1						32.4						21	
Beryllium	7440-41-7	ug/L	(1)																	< 5 U						< 5 U						< 5 U						< 5 U	
Boron	7440-42-8	ug/L	(1)																	111						55						126						139	
Cadmium	7440-43-9	ug/L	(1)																	< 3.01 U						< 3.01 U						< 3.01 U						< 3.01 U	
Calcium	7440-70-2	ug/L	(1)																	15200						16500						25500						17700	
Chromium	7440-47-3	ug/l	(1)					3.03						4.82						< 6.96 U						< 6.96 U						< 6.96 U						< 6.96 U	
Cobalt	7440-48-4	ug/L	(1)																	< 50 U						< 50 U						< 50 U						< 50 U	
Copper	7440-50-8	ug/L	(1)																	< 5 U						< 5 U						< 5 U						< 5 U	
Iron	7439-89-6	ug/L	(1)																	4920						816						12600						886	
Lead	7439-92-1	ug/L	(1)																	3.58						< 1 U						2.68						< 1 U	
Magnesium	7439-95-4	ug/L	(1)																	4840						6360						7710						6560	
Manganese	7439-96-5	ug/L	(1)																	611						154						1570						195	
Mercury	7439-97-6	ug/L	(1)																	< 0.243 U						< 0.243 UJ						< 0.243 UJ						< 0.243 UJ	
Nickel	7440-02-0	ug/L	(1)																	< 7.11 U						< 7.11 U						< 7.11 U						< 7.11 U	
Potassium	7440-09-7	ug/L	(1)																	< 1000 U						< 1000 U						1280						< 1000 U	
Selenium	7782-49-2	ug/L	(1)																	< 2 U						< 2 U						< 2 U						< 2 U	
Silver	7440-22-4	ug/L	(1)																	< 4.42 U						< 4.42 U						< 4.42 U						< 4.42 U	
Sodium	7440-23-5	ug/L	(1)																	4910						38500						9270						33400	
Strontium	7440-24-6	ug/L	(1)																	50.9						89.9						97.9						87.3	
Thallium	7440-28-0	ug/L	(1)																	< 1 U						< 1 U						< 1 U						< 1 U	
Titanium	7440-32-6	ug/L	(1)																	19.7						4.76						22.7						< 2 U	
Vanadium	7440-62-2	ug/L	(1)																	< 4.69 U						< 4.69 U						< 4.69 U						< 4.69 U	
Zinc	7440-66-6	ug/L	(1)																	< 35.8 U						< 35.8 U						< 35.8 U						< 35.8 U	
Zirconium	7440-67-7	ug/L	(1)																	< 1 UJ						< 1 UJ						< 1 UJ						< 1 UJ	
PCBs																																
Aroclor 1016	12674-11-2	ug/L	(1)																													
Aroclor 1221	11104-28-2	ug/L	(1)																													
Aroclor 1232	11141-16-5	ug/L	(1)																													
Aroclor 1242	53469-21-9	ug/L	(1)																													
Aroclor 1248	12672-29-6	ug/L	(1)																													
Aroclor 1254	11097-69-1	ug/L	(1)																													
Aroclor 1260	11096-82-5	ug/L	(1)																													
Pesticides																																
4,4'-DDD	72-54-8	ug/L	(1)																													
4,4'-DDE	72-55-9	ug/L	(1)																													
4,4'-DDT	50-29-3	ug/L	(1)																													
Aldrin	309-00-2	ug/L	(1)																													
alpha-BHC	319-84-6	ug/L	(1)																													
alpha-Chlordane	5103-71-9	ug/L	(1)																													
beta-BHC	319-85-7	ug/L	(1)																													
Chlordane	57-74-9	ug/L	(1)																													
delta-BHC	319-86-8	ug/L	(1)																													
Diazinon	333-41-5	ug/L	(1)																													
Dieldrin	60-57-1	ug/L	(1)																													
Endosulfan I	959-98-8	ug/L	(1)																													
Endosulfan II	33213-65-9	ug/L	(1)																													
Endosulfan sulfate	1031-07-8	ug/L	(1)																													
Endrin	72-20-8	ug/L	(1)																													

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-003	K-3-SW-004	K-3-SW-004	K-3-SW-005	K-3-SW-006	K-3-SW-007
			Sample Date	4/22/1988	4/22/1988	8/29/1996	8/8/1996	8/8/1996	8/8/1996
			Depth Interval	4.9	.2				
			Sample ID	SW3-3(4.9)(19880422)	SW3-4(0.2)(19880422)	3SW-4(19960829)	3SW-5(19960808)	3SW-6(19960808)	3SW-7(19960808)
			Sample Matrix	WS	WS	WS	WS	WS	WS
			ValueNo						
Pesticides (continued)									
Endrin aldehyde	7421-93-4	ug/L	(1)						
Endrin ketone	53494-70-5	ug/L	(1)						
gamma-BHC (Lindane)	58-89-9	ug/L	(1)						
gamma-Chlordane	5103-74-2	ug/L	(1)						
Heptachlor	76-44-8	ug/L	(1)						
Heptachlor epoxide	1024-57-3	ug/L	(1)						
Isodrin	465-73-6	ug/L	(1)						
Malathion	121-75-5	ug/L	(1)						
Methoxychlor	72-43-5	ug/L	(1)						
Mirex	2385-85-5	ug/L	(1)			< 0.025 U	< 0.025 U	< 0.025 U	< 0.025 U
Toxaphene	8001-35-2	ug/L	(1)						
Radiological									
Americium-241	86954-36-1	pCi/L	(1)			< 2.09 U	< 35.6 U	< 12.9 U	< 3.48 U
Cesium-137	10045-97-3	pCi/L	(1)			< 1.04 U	1.81	< 0.986 U	< 0.98 U
Cobalt-60	10198-40-0	pCi/L	(1)			< 1.15 U	4.44	< 0.992 U	< 1.07 U
Gross alpha	12587-46-1	pCi/L	(1)			< 0.46 U	0.53	< 0.19 U	< 0.19 U
Gross beta	12587-47-2	pCi/L	(1)			< 1.66 U	1.86	2.19	1.63
Radium-226	13982-63-3	pCi/L	(1)			< 3.69 U	61.5	< 4.09 U	< 3.71 U
Total Uranium	7440-61-1 U	ug/L	(1)			< 0.111 U	< 0.111 U	0.35	< 0.111 U
Uranium-235	15117-96-1	pCi/L	(1)			< 0.0208 U	< 0.0233 U	< 0.0294 U	< 0.011 U
Uranium-238	7440-61-1 U-238	pCi/L	(1)			0.06	0.05	0.04	0.04
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)						
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)			< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			< 5.2 U	< 5.2 U	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)			< 2.9 U	< 2.9 U	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)			< 5.8 U	< 5.8 U	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)			< 21 U	< 21 U	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	(1)			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	(1)			< 0.99 U	< 0.99 U	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	(1)			< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	(1)			< 3.9 U	< 3.9 U	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	(1)			< 4.3 U	< 4.3 U	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	(1)			< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			< 12 U	< 12 U	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	(1)			< 4.9 U	< 4.9 U	< 4.9 U	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)			< 17 U	< 17 U	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			< 4.2 U	< 4.2 U	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			< 4 U	< 4 U	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	(1)			< 7.3 U	< 7.3 U	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			< 5.1 U	< 5.1 U	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	(1)			< 0.52 U#	< 0.52 U#	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	(1)			< 5.2 U	< 5.2 U	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	(1)			< 12 U	< 12 U	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	(1)			< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	(1)			< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	(1)			< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U

Chemical Name	CAS No	Unit	ValueNo	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	3 K-3-SW-003 4/22/1988 4.9 SW3-3(4.9)(19880422) WS	3 K-3-SW-004 4/22/1988 .2 SW3-4(0.2)(19880422) WS	3 K-3-SW-004 8/29/1996 3SW-4(19960829) WS	3 K-3-SW-005 8/8/1996 3SW-5(19960808) WS	3 K-3-SW-006 8/8/1996 3SW-6(19960808) WS	3 K-3-SW-007 8/8/1996 3SW-7(19960808) WS
SVOC (continued)															
Anthracene	120-12-7	ug/L	(1)									< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	(1)									< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	(1)									< 4.7 U	< 4.7 U	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)									< 5.4 U	< 5.4 U	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)									< 6.1 U	< 6.1 U	< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)									< 0.87 U	< 0.87 U	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	(1)									< 13 U	< 13 U	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	(1)									< 0.72 U	< 0.72 U	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)									< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)									< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)									< 5.3 U	< 5.3 U	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)									< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)									< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	(1)									< 2 U	< 2 U	< 2 U	< 2 U
Chrysene	218-01-9	ug/L	(1)									< 2.4 U	< 2.4 U	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)									< 6.5 U	< 6.5 U	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	(1)									< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	(1)									< 2 U	< 2 U	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	(1)									< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	(1)									< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	(1)									< 15 U	< 15 U	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	(1)									< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	(1)									< 3.3 U	< 3.3 U	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	(1)									< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	(1)									< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	(1)									< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)									< 8.6 U	< 8.6 U	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	(1)									< 1.5 U	< 1.5 U	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)									< 8.6 U	< 8.6 U	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	(1)									< 4.8 U	< 4.8 U	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	(1)									< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)												
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)									< 4.4 U	< 4.4 U	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)									< 3 U	< 3 U	< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	(1)									< 0.042 R	< 0.042 U	< 0.042 U	< 0.042 U
Phenanthrene	85-01-8	ug/L	(1)									< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Phenol	108-95-2	ug/L	(1)									< 9.2 U	< 9.2 U	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	(1)									< 2.8 U	< 2.8 U	< 2.8 U	< 2.8 U
TPH															
Diesel Fuel	68334-30-5	ug/L	(1)												
Gasoline	8006-61-9	ug/L	(1)												
TPH, aviation gas fraction	50815-00-4	ug/L	(1)												
TRPH	TRPH	ug/L	(1)												
VOC															
1,1,1-Trichloroethane	71-55-6	ug/L	(1)												
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)												
1,1,2-Trichloroethane	79-00-5	ug/L	(1)												
1,1-Dichloroethane	75-34-3	ug/L	(1)												
1,1-Dichloroethene	75-35-4	ug/L	(1)												
1,2-Dichloroethane	107-06-2	ug/L	(1)												
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)												

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-003	K-3-SW-004	K-3-SW-004	K-3-SW-005	K-3-SW-006	K-3-SW-007
			Sample Date	4/22/1988	4/22/1988	8/29/1996	8/8/1996	8/8/1996	8/8/1996
			Depth Interval	4.9	.2				
			Sample ID	SW3-3(4.9)(19880422)	SW3-4(0.2)(19880422)	3SW-4(19960829)	3SW-5(19960808)	3SW-6(19960808)	3SW-7(19960808)
			Sample Matrix	WS	WS	WS	WS	WS	WS
VOC (continued)									
1,2-Dichloropropane	78-87-5	ug/L	(1)						
2-Butanone	78-93-3	ug/L	(1)						
2-Hexanone	591-78-6	ug/L	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)						
Acetone	67-64-1	ug/L	(1)						
Acetonitrile	75-05-8	ug/L	(1)						
Benzene	71-43-2	ug/L	(1)						
Bromodichloromethane	75-27-4	ug/L	(1)						
Bromoform	75-25-2	ug/L	(1)						
Bromomethane	74-83-9	ug/L	(1)						
Carbon disulfide	75-15-0	ug/L	(1)						
Carbon tetrachloride	56-23-5	ug/L	(1)						
Chlorobenzene	108-90-7	ug/L	(1)						
Chloroethane	75-00-3	ug/L	(1)						
Chloroform	67-66-3	ug/L	(1)						
Chloromethane	74-87-3	ug/L	(1)						
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)						
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)						
Dibromochloromethane	124-48-1	ug/L	(1)						
Dichlorodifluoromethane	75-71-8	ug/L	(1)						
Ethanol	64-17-5	ug/L	(1)						
Ethyl benzene	100-41-4	ug/L	(1)						
Isopropanol	67-63-0	ug/L	(1)						
Methylene chloride	75-09-2	ug/L	(1)						
Styrene	100-42-5	ug/L	(1)						
tert-Butylalcohol	75-65-0	ug/L	(1)						
Tetrachloroethene	127-18-4	ug/L	(1)						
Toluene	108-88-3	ug/L	(1)						
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)						
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)						
Trichloroethene	79-01-6	ug/L	(1)						
Trichlorofluoromethane	75-69-4	ug/L	(1)						
Vinyl acetate	108-05-4	ug/L	(1)						
Vinyl chloride	75-01-4	ug/L	(1)						
Xylenes	1330-20-7	ug/L	(1)						
WetChem									
Ammonia	7664-41-7	ug/L	(1)			< 60 UJ	57.9 J	378 J	73.3 J
Chloride	16887-00-6	ug/L	(1)			2740	99000	12100	79000
Cyanide	57-12-5	ug/L	(1)			< 2.5 U	< 2.5 R	< 2.5 R	< 2.5 R
Fluoride	16984-48-8	ug/L	(1)			< 1230 U	< 1230 U	< 1230 U	< 1230 U
Nitrate	14797-55-8	ug/l	(1)						
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)			< 10 U	58.2	42.3	64.9
Nitrite	14797-65-0	ug/l	(1)						
Phosphate	14265-44-2	ug/L	(1)			38.9	20.4	95.7	14.3
Phosphorus	7723-14-0	ug/L	(1)						
Sulfate	14808-79-8	ug/l	(1)	14800	12999999.875	< 10000 U	< 10000 U	< 10000 U	< 10000 U
Sulfide	18496-25-8	ug/L	(1)			< 50 U	< 50 U	< 50 U	< 50 U

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SW-008 / 8/8/1996 / 3SW-8(19960808) / WS	3 / K-3-SW-009 / 8/12/1996 / 3SW-9(19960812) / WS	3 / K-3-SW-010A / 8/7/1996 / 3SW-10(19960807) / WS	3 / K-3-SW-010A / 5/24/2004 / 3SW-10(20040524) / WS	3 / K-3-SW-011 / 6/12/1996 / 3SW-11(19960612) / WS	3 / K-3-SW-012 / 6/11/1996 / 3SW-12(19960611) / WS
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	ug/L	(1)		< 0.094 U				
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	ug/L	(1)		< 0.087 U				
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	ug/L	(1)		< 0.084 U				
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	ug/L	(1)		< 0.081 U				
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	ug/L	(1)		< 0.13 U				
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	ug/L	(1)		< 0.085 U				
Octachlorodibenzodioxin	3268-87-9	ug/L	(1)		< 0.12 U				
Total heptachlorodibenzo-p-dioxins	37871-00-4	ug/L	(1)		< 0.094 U				
Total hexachlorodibenzo-p-dioxins	34465-46-8	ug/L	(1)		< 0.081 U				
Total pentachlorodibenzo-p-dioxins	36088-22-9	ug/L	(1)		< 0.13 U				
Total tetrachlorodibenzo-p-dioxins	41903-57-5	ug/L	(1)		< 0.085 U				
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.449 U	< 0.449 U		< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.611 U	< 0.611 U		< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.635 U	< 0.635 U		< 0.635 U	< 0.635 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)						
2-Nitrotoluene	88-72-2	ug/L	(1)						
3-Nitrotoluene	99-08-1	ug/L	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)						
4-Nitrotoluene	99-99-0	ug/L	(1)						
HMX	2691-41-0	ug/L	(1)	< 1.21 U	< 1.21 U	< 1.21 U		< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 0.645 U	< 0.645 U		< 0.645 U	< 0.645 U
Nitrobenzene	98-95-3	ug/L	(2)						
Nitrocellulose	9004-70-0	ug/l	(1)	< 553 U	< 553 U	< 553 U		< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U	< 10 U	< 10 U		< 10 R	< 10 R
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U	< 30.9 U	< 30.9 U		< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	(1)	< 20 U	< 20 U	< 20 U		< 20 R	< 20 R
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U	< 0.27 U	< 0.27 U		< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	(1)	< 1.17 U	< 1.17 U	< 1.17 U		< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 UJ	< 40 UJ	< 40 UJ		< 40 U	< 40 U
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 1.56 U	< 1.56 U		< 1.56 U	< 1.56 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	0.11	< 0.0637 U	< 0.0637 U		< 0.0637 U	< 0.0637 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)						
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.0738 U	< 0.0738 U		< 0.0738 U	< 0.0738 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ug/L	(1)		< 0.059 U				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ug/L	(1)		< 0.074 U				
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ug/L	(1)		< 0.042 U				
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ug/L	(1)		< 0.04 U				
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ug/L	(1)		< 0.05 U				
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ug/L	(1)		< 0.064 U				
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ug/L	(1)		< 0.041 U				
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ug/L	(1)		< 0.066 U				
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ug/L	(1)		< 0.13 U				
Octachlorodibenzofuran	39001-02-0	ug/L	(1)		< 0.079 U				
Total heptachlorodibenzofurans	38998-75-3	ug/L	(1)		< 0.059 U				
Total hexachlorodibenzofurans	55684-94-1	ug/L	(1)		< 0.04 U				
Total pentachlorodibenzofurans	30402-15-4	ug/L	(1)		< 0.064 U				
Total tetrachlorodibenzofurans	30402-14-3	ug/L	(1)		< 0.13 U				

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-008	K-3-SW-009	K-3-SW-010A	K-3-SW-010A	K-3-SW-011	K-3-SW-012
			Sample Date	8/8/1996	8/12/1996	8/7/1996	5/24/2004	6/12/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-8(19960808)	3SW-9(19960812)	3SW-10(19960807)	3SW-10(20040524)	3SW-11(19960612)	3SW-12(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
			ValueNo						
Metals									
Aluminum	7429-90-5	ug/L	(1)	135	241	327		34	354
Antimony	7440-36-0	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Barium	7440-39-3	ug/l	(1)	22.3	13.5	11.2		11.7	18
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U	< 5 U		< 5 U	< 5 U
Boron	7440-42-8	ug/L	(1)	< 50 U	< 50 U	< 50 U		< 50 U	< 50 U
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U	< 3.01 U	< 3.01 U		< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	(1)	18000	13100	3870		11900	10100
Chromium	7440-47-3	ug/l	(1)	15.7	< 6.96 U	< 6.96 U		< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U	< 50 U		< 50 U	< 50 U
Copper	7440-50-8	ug/L	(1)	< 5 U	< 5 U	< 5 U		< 5 U	< 5 U
Iron	7439-89-6	ug/L	(1)	1090	333	462		176	2430
Lead	7439-92-1	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	3.34
Magnesium	7439-95-4	ug/L	(1)	6730	5010	1430		2510	2360
Manganese	7439-96-5	ug/L	(1)	189	16.6	69.5		37	120
Mercury	7439-97-6	ug/L	(1)	< 0.243 UJ	< 0.243 U	< 0.243 U		< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	(1)	< 7.11 U	< 7.11 U	< 7.11 U		< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	(1)	< 1000 U	< 1000 U	< 1000 U		< 1000 U	< 1000 U
Selenium	7782-49-2	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 U	< 2 U
Silver	7440-22-4	ug/L	(1)	< 4.42 U	< 4.42 U	< 4.42 U		< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	(1)	34000	33700	2670		4840	5250
Strontium	7440-24-6	ug/L	(1)	86.9	72.8	14.8		67.3	48.2
Thallium	7440-28-0	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Titanium	7440-32-6	ug/L	(1)	5.39	8.59	8		< 2 U	5.9
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U	< 4.69 U	< 4.69 U		< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	(1)	< 35.8 U	< 35.8 U	< 35.8 U		< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	(1)	< 1 UJ	< 1 UJ	< 1 U		< 1 U	< 1 U
PCBs									
Aroclor 1016	12674-11-2	ug/L	(1)		< 0.16 U				
Aroclor 1221	11104-28-2	ug/L	(1)		< 0.16 UT				
Aroclor 1232	11141-16-5	ug/L	(1)		< 0.16 UT				
Aroclor 1242	53469-21-9	ug/L	(1)		< 0.19 UT				
Aroclor 1248	12672-29-6	ug/L	(1)		< 0.19 UT				
Aroclor 1254	11097-69-1	ug/L	(1)		< 0.19 UT				
Aroclor 1260	11096-82-5	ug/L	(1)		< 0.19 U				
Pesticides									
4,4'-DDD	72-54-8	ug/L	(1)		< 0.0233 U				
4,4'-DDE	72-55-9	ug/L	(1)		< 0.027 U				
4,4'-DDT	50-29-3	ug/L	(1)		< 0.034 U				
Aldrin	309-00-2	ug/L	(1)		< 0.0918 U				
alpha-BHC	319-84-6	ug/L	(1)		< 0.0385 U				
alpha-Chlordane	5103-71-9	ug/L	(1)		< 0.075 UT				
beta-BHC	319-85-7	ug/L	(1)		< 0.024 U				
Chlordane	57-74-9	ug/L	(1)						
delta-BHC	319-86-8	ug/L	(1)		< 0.0293 U				
Diazinon	333-41-5	ug/L	(1)		< 0.188 UT				
Dieldrin	60-57-1	ug/L	(1)		< 0.024 U				
Endosulfan I	959-98-8	ug/L	(1)		< 0.023 U				
Endosulfan II	33213-65-9	ug/L	(1)		< 0.023 U				
Endosulfan sulfate	1031-07-8	ug/L	(1)		< 0.0786 U				
Endrin	72-20-8	ug/L	(1)		< 0.0238 U				

			Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-008	K-3-SW-009	K-3-SW-010A	K-3-SW-010A	K-3-SW-011	K-3-SW-012
			Sample Date	8/8/1996	8/12/1996	8/7/1996	5/24/2004	6/12/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-8(19960808)	3SW-9(19960812)	3SW-10(19960807)	3SW-10(20040524)	3SW-11(19960612)	3SW-12(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Pesticides (continued)									
Endrin aldehyde	7421-93-4	ug/L	(1)		< 0.0285 U				
Endrin ketone	53494-70-5	ug/L	(1)		< 0.0285 UT				
gamma-BHC (Lindane)	58-89-9	ug/L	(1)		< 0.0507 U				
gamma-Chlordane	5103-74-2	ug/L	(1)		< 0.075 UT				
Heptachlor	76-44-8	ug/L	(1)		< 0.0423 U				
Heptachlor epoxide	1024-57-3	ug/L	(1)		< 0.0245 U				
Isodrin	465-73-6	ug/L	(1)		< 0.0562 U				
Malathion	121-75-5	ug/L	(1)		< 0.188 UT				
Methoxychlor	72-43-5	ug/L	(1)		< 0.057 U				
Mirex	2385-85-5	ug/L	(1)	< 0.025 U	< 0.025 U	< 0.025 U		< 0.025 U	< 0.025 U
Toxaphene	8001-35-2	ug/L	(1)		< 1.35 U				
Radiological									
Americium-241	86954-36-1	pCi/L	(1)	< 3.63 U	< 3.19 U	< 2.88 U		< 8.25 U	2.65
Cesium-137	10045-97-3	pCi/L	(1)	< 0.995 U	< 1.02 U	< 1.01 U		< 0.942 U	< 0.975 U
Cobalt-60	10198-40-0	pCi/L	(1)	< 1.09 U	< 1.15 U	< 1.1 U		< 1.02 U	< 1.08 U
Gross alpha	12587-46-1	pCi/L	(1)	< 0.2 U	< 0.4 U	< 0.25 U		< 0.08 U	0.71
Gross beta	12587-47-2	pCi/L	(1)	1.38	3.52	< 0.63 U		1.52	2.35
Radium-226	13982-63-3	pCi/L	(1)	< 3.77 U	< 3.34 U	9.04		20.9	< 4.01 U
Total Uranium	7440-61-1 U	ug/L	(1)	< 0.111 U	< 0.111 U	< 0.111 U		< 0.111 U	< 0.111 U
Uranium-235	15117-96-1	pCi/L	(1)	< 0.0305 U	< 0.014 U	< 0.0299 U		< 0.036 U	< 0.0357 U
Uranium-238	7440-61-1 U-238	pCi/L	(1)	< 0.0401 U	0.05	0.06		< 0.0342 U	< 0.0338 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 0.51 U		< 1 U		
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 1.8 U	< 1.8 U	< 1.8 U		< 1.8 UJ	< 1.8 UJ
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 UJ	< 1.7 UJ
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 UJ	< 1.7 UJ
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 UJ	< 1.7 UJ
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U		< 5.2 UJ	< 5.2 UJ
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 4.2 U	< 4.2 U	< 4.2 U		< 4.2 UJ	< 4.2 UJ
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U		< 2.9 UJ	< 2.9 UJ
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U		< 5.8 UJ	< 5.8 UJ
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 21 U	< 21 U	< 21 U		< 21 UJ	< 21 UJ
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 UJ	< 0.5 UJ
2-Chlorophenol	95-57-8	ug/L	(1)	< 0.99 U	< 0.99 U	< 0.99 U		< 0.99 UJ	< 0.99 UJ
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 UJ	< 1.7 UJ
2-Methylphenol	95-48-7	ug/L	(1)	< 3.9 U	< 3.9 U	< 3.9 U		< 3.9 UJ	< 3.9 UJ
2-Nitroaniline	88-74-4	ug/L	(1)	< 4.3 U	< 4.3 U	< 4.3 U		< 4.3 UJ	< 4.3 UJ
2-Nitrophenol	88-75-5	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 UJ	< 3.7 UJ
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 12 U	< 12 U	< 12 U		< 12 UJ	< 12 UJ
3-Nitroaniline	99-09-2	ug/L	(1)	< 4.9 U	< 4.9 U	< 4.9 U		< 4.9 UJ	< 4.9 UJ
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 17 U	< 17 U	< 17 U		< 17 UJ	< 17 UJ
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 4.2 U	< 4.2 U	< 4.2 U		< 4.2 UJ	< 4.2 UJ
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 4 U	< 4 U	< 4 U		< 4 UJ	< 4 UJ
4-Chloroaniline	106-47-8	ug/L	(1)	< 7.3 U	< 7.3 U	< 7.3 U		< 7.3 UJ	< 7.3 UJ
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U		< 5.1 UJ	< 5.1 UJ
4-Methylphenol	106-44-5	ug/L	(1)	< 0.52 U#	< 0.52 U#	< 0.52 U#		< 0.52 UJ#	< 0.52 UJ#
4-Nitroaniline	100-01-6	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U		< 5.2 UJ	< 5.2 UJ
4-Nitrophenol	100-02-7	ug/L	(1)	< 12 U	< 12 U	< 12 U		< 12 UJ	< 12 UJ
Acenaphthene	83-32-9	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 UJ	< 1.7 UJ
Acenaphthylene	208-96-8	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 UJ	< 0.5 UJ
Aniline	62-53-3	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U		< 4.4 UJ	< 4.4 UJ

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SW-008 / 8/8/1996 / 3SW-8(19960808) / WS	3 / K-3-SW-009 / 8/12/1996 / 3SW-9(19960812) / WS	3 / K-3-SW-010A / 8/7/1996 / 3SW-10(19960807) / WS	3 / K-3-SW-010A / 5/24/2004 / 3SW-10(20040524) / WS	3 / K-3-SW-011 / 6/12/1996 / 3SW-11(19960612) / WS	3 / K-3-SW-012 / 6/11/1996 / 3SW-12(19960611) / WS
SVOC (continued)									
Anthracene	120-12-7	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 UJ	< 0.5 UJ
Benz(a)anthracene	56-55-3	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U		< 1.6 UJ	< 1.6 UJ
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 4.7 U	< 4.7 U	< 4.7 U		< 4.7 UJ	< 4.7 UJ
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 5.4 U	< 5.4 U	< 5.4 U		< 5.4 UJ	< 5.4 UJ
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 6.1 U	< 6.1 U	< 6.1 U		< 6.1 UJ	< 6.1 UJ
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 0.87 U	< 0.87 U	< 0.87 U		< 0.87 UJ	< 0.87 UJ
Benzoic Acid	65-85-0	ug/L	(1)	< 13 U	< 13 U	< 13 U		< 13 UJ	< 13 UJ
Benzyl alcohol	100-51-6	ug/L	(1)	< 0.72 U	< 0.72 U	< 0.72 U		< 0.72 UJ	< 0.72 UJ
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U		< 1.5 UJ	< 1.5 UJ
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 1.9 U	< 1.9 U	< 1.9 U		< 1.9 UJ	< 1.9 UJ
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5.3 U	< 5.3 U	< 5.3 U		< 5.3 UJ	< 5.3 UJ
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U		< 4.8 UJ	25 J
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 3.4 U	< 3.4 U	< 3.4 U		< 3.4 UJ	< 3.4 UJ
Carbazole	86-74-8	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 UJ	< 2 UJ
Chrysene	218-01-9	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U		< 2.4 UJ	< 2.4 UJ
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 6.5 U	< 6.5 U	< 6.5 U		< 6.5 UJ	< 6.5 UJ
Dibenzofuran	132-64-9	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U		< 1.7 UJ	< 1.7 UJ
Diethylphthalate	84-66-2	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 UJ	< 2 UJ
Dimethylphthalate	131-11-3	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U		< 1.5 UJ	< 1.5 UJ
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 UJ	< 3.7 UJ
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 15 U	< 15 U	< 15 U		< 15 UJ	< 15 UJ
Diphenylamine	122-39-4	ug/L	(1)	< 2.5 U	< 2.5 U	< 2.5 U		< 2.5 UJ	< 2.5 UJ
Fluoranthene	206-44-0	ug/L	(1)	< 3.3 U	< 3.3 U	< 3.3 U		< 3.3 UJ	< 3.3 UJ
Fluorene	86-73-7	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 UJ	< 3.7 UJ
Hexachlorobenzene	118-74-1	ug/L	(1)	< 1.6 U	< 1.6 U	< 1.6 U		< 1.6 UJ	< 1.6 UJ
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 3.4 U	< 3.4 U	< 3.4 U		< 3.4 UJ	< 3.4 UJ
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 8.6 U	< 8.6 U	< 8.6 U		< 8.6 UJ	< 8.6 UJ
Hexachloroethane	67-72-1	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U		< 1.5 UJ	< 1.5 UJ
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 8.6 U	< 8.6 U	< 8.6 U		< 8.6 UJ	< 8.6 UJ
Isophorone	78-59-1	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U		< 4.8 UJ	< 4.8 UJ
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 UJ	< 0.5 UJ
N-Nitrosodimethylamine	62-75-9	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U		< 4.4 UJ	< 4.4 UJ
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3 U	< 3 U	< 3 U		< 3 UJ	< 3 UJ
Pentachlorophenol	87-86-5	ug/L	(1)	< 0.042 U	< 0.042 U	< 0.042 R		< 0.042 UJ	< 0.042 UJ
Phenanthrene	85-01-8	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 UJ	< 0.5 UJ
Phenol	108-95-2	ug/L	(1)	< 9.2 U	< 9.2 U	< 9.2 U		< 9.2 UJ	< 9.2 UJ
Pyrene	129-00-0	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U		< 2.8 UJ	< 2.8 UJ
TPH									
Diesel Fuel	68334-30-5	ug/L	(1)		< 340 U				
Gasoline	8006-61-9	ug/L	(1)		< 340 U				
TPH, aviation gas fraction	50815-00-4	ug/L	(1)		< 340 U				
TRPH	TRPH	ug/L	(1)		< 176 U				
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 0.5 U		< 1 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 5 U		< 1 U		
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1.2 U		< 1 U		
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 0.68 U		< 1 U		
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 0.5 U		< 1 U		
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 0.5 U		< 1 U		
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)		< 0.5 U				

			Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-008	K-3-SW-009	K-3-SW-010A	K-3-SW-010A	K-3-SW-011	K-3-SW-012
			Sample Date	8/8/1996	8/12/1996	8/7/1996	5/24/2004	6/12/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-8(19960808)	3SW-9(19960812)	3SW-10(19960807)	3SW-10(20040524)	3SW-11(19960612)	3SW-12(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
VOC (continued)									
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 0.5 U		< 1 U		
2-Butanone	78-93-3	ug/L	(1)		< 6.4 U		< 10 U		
2-Hexanone	591-78-6	ug/L	(1)		< 3.6 U		< 10 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 3 U		< 5 U		
Acetone	67-64-1	ug/L	(1)		< 13 U		< 10 (U)		
Acetonitrile	75-05-8	ug/L	(1)		< 200 U		< 20 U		
Benzene	71-43-2	ug/L	(1)		< 0.5 U		< 1 U		
Bromodichloromethane	75-27-4	ug/L	(1)		< 0.59 U		< 1 U		
Bromoform	75-25-2	ug/L	(1)		< 2.6 U		< 1 U		
Bromomethane	74-83-9	ug/L	(1)		< 5.8 U		< 2 U		
Carbon disulfide	75-15-0	ug/L	(1)		< 0.5 U		< 1 U		
Carbon tetrachloride	56-23-5	ug/L	(1)		< 0.58 U		< 1 U		
Chlorobenzene	108-90-7	ug/L	(1)		< 0.5 U		< 1 U		
Chloroethane	75-00-3	ug/L	(1)		< 1.9 U		< 2 U		
Chloroform	67-66-3	ug/L	(1)		< 0.5 U		< 1 U		
Chloromethane	74-87-3	ug/L	(1)		< 3.2 U		< 2 U		
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)				< 0.5 U		
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 0.58 U		< 1 U		
Dibromochloromethane	124-48-1	ug/L	(1)		< 0.67 U		< 1 U		
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 6.9 U		< 2 U		
Ethanol	64-17-5	ug/L	(1)		< 2000 U				
Ethyl benzene	100-41-4	ug/L	(1)		< 0.5 U		< 1 U		
Isopropanol	67-63-0	ug/L	(1)		< 400 U				
Methylene chloride	75-09-2	ug/L	(1)		2.2		< 1 U		
Styrene	100-42-5	ug/L	(1)		< 0.5 U		< 1 U		
tert-Butylalcohol	75-65-0	ug/L	(1)		< 500 U				
Tetrachloroethene	127-18-4	ug/L	(1)		< 1.6 U		< 1 U		
Toluene	108-88-3	ug/L	(1)		0.54		< 1 U		
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)				< 0.5 U		
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 0.7 U		< 1 U		
Trichloroethene	79-01-6	ug/L	(1)		< 0.5 U		< 1 U		
Trichlorofluoromethane	75-69-4	ug/L	(1)		< 1.4 U		< 2 U		
Vinyl acetate	108-05-4	ug/L	(1)		< 8.3 U				
Vinyl chloride	75-01-4	ug/L	(1)		< 2.6 U		< 2 U		
Xylenes	1330-20-7	ug/L	(1)		< 0.84 U		< 1 U		
WetChem									
Ammonia	7664-41-7	ug/L	(1)	63.8 J	59 J	< 60 UJ		62.3	70.5
Chloride	16887-00-6	ug/L	(1)	79000	76000	2850		2410	2740
Cyanide	57-12-5	ug/L	(1)	< 2.5 R	< 2.5 U	< 2.5 U		< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	(1)	< 1230 U	< 1230 U	< 1230 U		< 1230 U	< 1230 U
Nitrate	14797-55-8	ug/l	(1)						
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	67.9	< 10 U	15.4		77.9	36.6
Nitrite	14797-65-0	ug/l	(1)						
Phosphate	14265-44-2	ug/L	(1)	< 13.3 U	13.9	< 13.3 U		16.1	85.9
Phosphorus	7723-14-0	ug/L	(1)						
Sulfate	14808-79-8	ug/l	(1)	< 10000 U	< 10000 U	< 10000 U		11000	12000
Sulfide	18496-25-8	ug/L	(1)	< 50 U	< 50 U	< 50 U		< 50 U	< 50 U

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-013	K-3-SW-014	K-3-SW-014	K-3-SW-015	K-3-SW-016	K-3-SW-017
			Sample Date	7/16/1996	6/11/1996	5/24/2004	6/10/1996	6/10/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-13(19960716)	3SW-14(19960611)	3SW-14(20040524)	3SW-15(19960610)	3SW-16(19960610)	3SW-17(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
			ValueNo						
Dioxins									
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	ug/L	(1)						
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	ug/L	(1)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	ug/L	(1)						
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	ug/L	(1)						
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	ug/L	(1)						
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	ug/L	(1)						
Octachlorodibenzodioxin	3268-87-9	ug/L	(1)						
Total heptachlorodibenzo-p-dioxins	37871-00-4	ug/L	(1)						
Total hexachlorodibenzo-p-dioxins	34465-46-8	ug/L	(1)						
Total pentachlorodibenzo-p-dioxins	36088-22-9	ug/L	(1)						
Total tetrachlorodibenzo-p-dioxins	41903-57-5	ug/L	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.449 U		< 0.449 U	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.611 U		< 0.611 U	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.635 U		< 0.635 U	< 0.635 U	< 0.635 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)						
2-Nitrotoluene	88-72-2	ug/L	(1)						
3-Nitrotoluene	99-08-1	ug/L	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)						
4-Nitrotoluene	99-99-0	ug/L	(1)						
HMX	2691-41-0	ug/L	(1)	< 1.21 U	< 1.21 U		< 1.21 U	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 0.645 U		< 0.645 U	< 0.645 U	< 0.645 U
Nitrobenzene	98-95-3	ug/L	(2)						
Nitrocellulose	9004-70-0	ug/l	(1)	< 553 UJ	< 553 U		< 553 U	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U	< 10 R		< 10 U	< 10 U	< 10 R
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U	< 30.9 U		< 30.9 U	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	(1)	< 20 U	< 20 R		< 20 U	< 20 U	< 20 R
Picric Acid	88-89-1	ug/L	(1)	< 0.27 UJ	< 0.27 U		< 0.27 U	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	(1)	< 1.17 U	< 1.17 U		< 1.17 U	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 U	< 40 U		< 40 U	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 1.56 U		< 1.56 U	< 1.56 U	< 1.56 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U	< 0.0637 U		< 0.0637 U	< 0.0637 U	< 0.0637 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)						
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.0738 U		< 0.0738 U	< 0.0738 U	< 0.0738 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)						
Furans									
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ug/L	(1)						
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ug/L	(1)						
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ug/L	(1)						
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ug/L	(1)						
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ug/L	(1)						
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ug/L	(1)						
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ug/L	(1)						
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ug/L	(1)						
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ug/L	(1)						
Octachlorodibenzofuran	39001-02-0	ug/L	(1)						
Total heptachlorodibenzofurans	38998-75-3	ug/L	(1)						
Total hexachlorodibenzofurans	55684-94-1	ug/L	(1)						
Total pentachlorodibenzofurans	30402-15-4	ug/L	(1)						
Total tetrachlorodibenzofurans	30402-14-3	ug/L	(1)						

			Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-013	K-3-SW-014	K-3-SW-014	K-3-SW-015	K-3-SW-016	K-3-SW-017
			Sample Date	7/16/1996	6/11/1996	5/24/2004	6/10/1996	6/10/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-13(19960716)	3SW-14(19960611)	3SW-14(20040524)	3SW-15(19960610)	3SW-16(19960610)	3SW-17(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Metals									
Aluminum	7429-90-5	ug/L	(1)	1490	130		190	207	141
Antimony	7440-36-0	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	(1)	3.39	< 1 U		< 1 U	< 1 U	< 1 U
Barium	7440-39-3	ug/l	(1)	46.9	14		9.75	10.9	13.2
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U		< 5 U	< 5 U	< 5 U
Boron	7440-42-8	ug/L	(1)	< 50 U	53.7		< 50 U	56	< 50 U
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U	< 3.01 U		< 3.01 U	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	(1)	24400	6530		4740	6000	8470
Chromium	7440-47-3	ug/l	(1)	< 6.96 U	< 6.96 U		< 6.96 U	< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U		< 50 U	< 50 U	< 50 U
Copper	7440-50-8	ug/L	(1)	31.7	< 5 U		< 5 U	< 5 U	< 5 U
Iron	7439-89-6	ug/L	(1)	13500	1960		367	593	308
Lead	7439-92-1	ug/L	(1)	13.4	2.45		< 1 U	1.22	1.23
Magnesium	7439-95-4	ug/L	(1)	4720	2810		1620	2010	2420
Manganese	7439-96-5	ug/L	(1)	404	133		44.8	77.2	81
Mercury	7439-97-6	ug/L	(1)	< 0.243 U	< 0.243 U		< 0.243 U	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	(1)	< 7.11 U	< 7.11 U		< 7.11 U	< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	(1)	2580	< 1000 U		< 1000 U	< 1000 U	< 1000 U
Selenium	7782-49-2	ug/L	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
Silver	7440-22-4	ug/L	(1)	< 4.42 U	< 4.42 U		< 4.42 U	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	(1)	8250	11700		3010	4470	3350
Strontium	7440-24-6	ug/L	(1)	132	27.7		19.4	24.9	36.5
Thallium	7440-28-0	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	(1)	65.2	2.95		< 2 U	< 2 U	2.92
Vanadium	7440-62-2	ug/L	(1)	7.58	< 4.69 U		< 4.69 U	< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	(1)	84.3	< 35.8 U		< 35.8 U	< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
PCBs									
Aroclor 1016	12674-11-2	ug/L	(1)						
Aroclor 1221	11104-28-2	ug/L	(1)						
Aroclor 1232	11141-16-5	ug/L	(1)						
Aroclor 1242	53469-21-9	ug/L	(1)						
Aroclor 1248	12672-29-6	ug/L	(1)						
Aroclor 1254	11097-69-1	ug/L	(1)						
Aroclor 1260	11096-82-5	ug/L	(1)						
Pesticides									
4,4'-DDD	72-54-8	ug/L	(1)						
4,4'-DDE	72-55-9	ug/L	(1)						
4,4'-DDT	50-29-3	ug/L	(1)						
Aldrin	309-00-2	ug/L	(1)						
alpha-BHC	319-84-6	ug/L	(1)						
alpha-Chlordane	5103-71-9	ug/L	(1)						
beta-BHC	319-85-7	ug/L	(1)						
Chlordane	57-74-9	ug/L	(1)						
delta-BHC	319-86-8	ug/L	(1)						
Diazinon	333-41-5	ug/L	(1)						
Dieldrin	60-57-1	ug/L	(1)						
Endosulfan I	959-98-8	ug/L	(1)						
Endosulfan II	33213-65-9	ug/L	(1)						
Endosulfan sulfate	1031-07-8	ug/L	(1)						
Endrin	72-20-8	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 K-3-SW-013 7/16/1996 3SW-13(19960716) WS	3 K-3-SW-014 6/11/1996 3SW-14(19960611) WS	3 K-3-SW-014 5/24/2004 3SW-14(20040524) WS	3 K-3-SW-015 6/10/1996 3SW-15(19960610) WS	3 K-3-SW-016 6/10/1996 3SW-16(19960610) WS	3 K-3-SW-017 6/11/1996 3SW-17(19960611) WS
Pesticides (continued)									
Endrin aldehyde	7421-93-4	ug/L	(1)						
Endrin ketone	53494-70-5	ug/L	(1)						
gamma-BHC (Lindane)	58-89-9	ug/L	(1)						
gamma-Chlordane	5103-74-2	ug/L	(1)						
Heptachlor	76-44-8	ug/L	(1)						
Heptachlor epoxide	1024-57-3	ug/L	(1)						
Isodrin	465-73-6	ug/L	(1)						
Malathion	121-75-5	ug/L	(1)						
Methoxychlor	72-43-5	ug/L	(1)						
Mirex	2385-85-5	ug/L	(1)	< 0.025 U	< 0.025 U		< 0.025 U	< 0.025 U	< 0.025 U
Toxaphene	8001-35-2	ug/L	(1)						
Radiological									
Americium-241	86954-36-1	pCi/L	(1)	< 13.6 U	< 9.4 U		< 5.77 U	< 1.89 U	3.53
Cesium-137	10045-97-3	pCi/L	(1)	< 0.94 U	< 0.972 U		< 0.992 U	< 1.01 U	< 0.954 U
Cobalt-60	10198-40-0	pCi/L	(1)	< 1.06 U	< 0.978 U		1.79	< 1.2 U	1.31
Gross alpha	12587-46-1	pCi/L	(1)	3.23	< 0.08 U		0.15	0.24	0.49
Gross beta	12587-47-2	pCi/L	(1)	6.82	2.68		1.17	< 0.13 U	1.09
Radium-226	13982-63-3	pCi/L	(1)	< 3.97 U	24		32	< 3.91 U	< 3.86 U
Total Uranium	7440-61-1 U	ug/L	(1)	0.25	< 0.111 U		< 0.111 U	< 0.111 U	< 0.111 U
Uranium-235	15117-96-1	pCi/L	(1)	< 0.02 U	< 0.0438 U		< 0.0492 U	< 0.053 U	< 0.046 U
Uranium-238	7440-61-1 U-238	pCi/L	(1)	0.06	0.04		< 0.0466 U	0.07	< 0.0436 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)			< 1 U			
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 1.8 U	< 1.8 UJ		< 1.8 UJ	< 1.8 UJ	< 1.8 UJ
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.7 U	< 1.7 UJ		< 1.7 UJ	< 1.7 UJ	< 1.7 UJ
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1.7 U	< 1.7 UJ		< 1.7 UJ	< 1.7 UJ	< 1.7 UJ
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.7 U	< 1.7 UJ		< 1.7 UJ	< 1.7 UJ	< 1.7 UJ
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 5.2 U	< 5.2 UJ		< 5.2 UJ	< 5.2 UJ	< 5.2 UJ
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 4.2 U	< 4.2 UJ		< 4.2 UJ	< 4.2 UJ	< 4.2 UJ
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 2.9 U	< 2.9 UJ		< 2.9 UJ	< 2.9 UJ	< 2.9 UJ
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 5.8 U	< 5.8 UJ		< 5.8 UJ	< 5.8 UJ	< 5.8 UJ
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 21 U	< 21 UJ		< 21 UJ	< 21 UJ	< 21 UJ
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 0.5 U	< 0.5 UJ		< 0.5 UJ	< 0.5 UJ	< 0.5 UJ
2-Chlorophenol	95-57-8	ug/L	(1)	< 0.99 U	< 0.99 UJ		< 0.99 UJ	< 0.99 UJ	< 0.99 UJ
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.7 U	< 1.7 UJ		< 1.7 UJ	< 1.7 UJ	< 1.7 UJ
2-Methylphenol	95-48-7	ug/L	(1)	< 3.9 U	< 3.9 UJ		< 3.9 UJ	< 3.9 UJ	< 3.9 UJ
2-Nitroaniline	88-74-4	ug/L	(1)	< 4.3 U	< 4.3 UJ		< 4.3 UJ	< 4.3 UJ	< 4.3 UJ
2-Nitrophenol	88-75-5	ug/L	(1)	< 3.7 U	< 3.7 UJ		< 3.7 UJ	< 3.7 UJ	< 3.7 UJ
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 12 U	< 12 UJ		< 12 UJ	< 12 UJ	< 12 UJ
3-Nitroaniline	99-09-2	ug/L	(1)	< 4.9 U	< 4.9 UJ		< 4.9 UJ	< 4.9 UJ	< 4.9 UJ
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 17 U	< 17 UJ		< 17 UJ	< 17 UJ	< 17 UJ
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 4.2 U	< 4.2 UJ		< 4.2 UJ	< 4.2 UJ	< 4.2 UJ
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 4 U	< 4 UJ		< 4 UJ	< 4 UJ	< 4 UJ
4-Chloroaniline	106-47-8	ug/L	(1)	< 7.3 U	< 7.3 UJ		< 7.3 UJ	< 7.3 UJ	< 7.3 UJ
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 5.1 U	< 5.1 UJ		< 5.1 UJ	< 5.1 UJ	< 5.1 UJ
4-Methylphenol	106-44-5	ug/L	(1)	< 0.52 U#	< 0.52 UJ#		< 0.52 UJ#	< 0.52 UJ#	< 0.52 UJ#
4-Nitroaniline	100-01-6	ug/L	(1)	< 5.2 U	< 5.2 UJ		< 5.2 UJ	< 5.2 UJ	< 5.2 UJ
4-Nitrophenol	100-02-7	ug/L	(1)	< 12 U	< 12 UJ		< 12 UJ	< 12 UJ	< 12 UJ
Acenaphthene	83-32-9	ug/L	(1)	< 1.7 U	< 1.7 UJ		< 1.7 UJ	< 1.7 UJ	< 1.7 UJ
Acenaphthylene	208-96-8	ug/L	(1)	< 0.5 U	< 0.5 UJ		< 0.5 UJ	< 0.5 UJ	< 0.5 UJ
Aniline	62-53-3	ug/L	(1)	< 4.4 U	< 4.4 UJ		< 4.4 UJ	< 4.4 UJ	< 4.4 UJ

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-013	K-3-SW-014	K-3-SW-014	K-3-SW-015	K-3-SW-016	K-3-SW-017
			Sample Date	7/16/1996	6/11/1996	5/24/2004	6/10/1996	6/10/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-13(19960716)	3SW-14(19960611)	3SW-14(20040524)	3SW-15(19960610)	3SW-16(19960610)	3SW-17(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
			ValueNo						
SVOC (continued)									
Anthracene	120-12-7	ug/L	(1)	< 0.5 U	< 0.5 UJ		< 0.5 UJ	< 0.5 UJ	< 0.5 UJ
Benz(a)anthracene	56-55-3	ug/L	(1)	< 1.6 U	< 1.6 UJ		< 1.6 UJ	< 1.6 UJ	< 1.6 UJ
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 4.7 U	< 4.7 UJ		< 4.7 UJ	< 4.7 UJ	< 4.7 UJ
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 5.4 U	< 5.4 UJ		< 5.4 UJ	< 5.4 UJ	< 5.4 UJ
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 6.1 U	< 6.1 UJ		< 6.1 UJ	< 6.1 UJ	< 6.1 UJ
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 0.87 U	< 0.87 UJ		< 0.87 UJ	< 0.87 UJ	< 0.87 UJ
Benzoic Acid	65-85-0	ug/L	(1)	< 13 U	< 13 UJ		< 13 UJ	< 13 UJ	< 13 UJ
Benzyl alcohol	100-51-6	ug/L	(1)	< 0.72 U	< 0.72 UJ		< 0.72 UJ	< 0.72 UJ	< 0.72 UJ
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 1.5 U	< 1.5 UJ		< 1.5 UJ	< 1.5 UJ	< 1.5 UJ
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 1.9 U	< 1.9 UJ		< 1.9 UJ	< 1.9 UJ	< 1.9 UJ
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5.3 U	< 5.3 UJ		< 5.3 UJ	< 5.3 UJ	< 5.3 UJ
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 4.8 U	< 4.8 UJ		< 4.8 UJ	< 4.8 UJ	33 J
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 3.4 U	< 3.4 UJ		< 3.4 UJ	< 3.4 UJ	< 3.4 UJ
Carbazole	86-74-8	ug/L	(1)	< 2 U	< 2 UJ		< 2 UJ	< 2 UJ	< 2 UJ
Chrysene	218-01-9	ug/L	(1)	< 2.4 U	< 2.4 UJ		< 2.4 UJ	< 2.4 UJ	< 2.4 UJ
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 6.5 U	< 6.5 UJ		< 6.5 UJ	< 6.5 UJ	< 6.5 UJ
Dibenzofuran	132-64-9	ug/L	(1)	< 1.7 U	< 1.7 UJ		< 1.7 UJ	< 1.7 UJ	< 1.7 UJ
Diethylphthalate	84-66-2	ug/L	(1)	< 2 U	< 2 UJ		< 2 UJ	< 2 UJ	< 2 UJ
Dimethylphthalate	131-11-3	ug/L	(1)	< 1.5 U	< 1.5 UJ		< 1.5 UJ	< 1.5 UJ	< 1.5 UJ
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 3.7 U	< 3.7 UJ		< 3.7 UJ	< 3.7 UJ	< 3.7 UJ
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 15 U	< 15 UJ		< 15 UJ	< 15 UJ	< 15 UJ
Diphenylamine	122-39-4	ug/L	(1)	< 2.5 U	< 2.5 UJ		< 2.5 UJ	< 2.5 UJ	< 2.5 UJ
Fluoranthene	206-44-0	ug/L	(1)	< 3.3 U	< 3.3 UJ		< 3.3 UJ	< 3.3 UJ	< 3.3 UJ
Fluorene	86-73-7	ug/L	(1)	< 3.7 U	< 3.7 UJ		< 3.7 UJ	< 3.7 UJ	< 3.7 UJ
Hexachlorobenzene	118-74-1	ug/L	(1)	< 1.6 U	< 1.6 UJ		< 1.6 UJ	< 1.6 UJ	< 1.6 UJ
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 3.4 U	< 3.4 UJ		< 3.4 UJ	< 3.4 UJ	< 3.4 UJ
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 8.6 U	< 8.6 UJ		< 8.6 UJ	< 8.6 UJ	< 8.6 UJ
Hexachloroethane	67-72-1	ug/L	(1)	< 1.5 U	< 1.5 UJ		< 1.5 UJ	< 1.5 UJ	< 1.5 UJ
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 8.6 U	< 8.6 UJ		< 8.6 UJ	< 8.6 UJ	< 8.6 UJ
Isophorone	78-59-1	ug/L	(1)	< 4.8 U	< 4.8 UJ		< 4.8 UJ	< 4.8 UJ	< 4.8 UJ
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 UJ		< 0.5 UJ	< 0.5 UJ	< 0.5 UJ
N-Nitrosodimethylamine	62-75-9	ug/L	(1)						
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 4.4 U	< 4.4 UJ		< 4.4 UJ	< 4.4 UJ	< 4.4 UJ
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3 U	< 3 UJ		< 3 UJ	< 3 UJ	< 3 UJ
Pentachlorophenol	87-86-5	ug/L	(1)	< 0.042 U	< 0.042 UJ		< 0.042 U	< 0.042 U	< 0.042 UJ
Phenanthrene	85-01-8	ug/L	(1)	< 0.5 U	< 0.5 UJ		< 0.5 UJ	< 0.5 UJ	< 0.5 UJ
Phenol	108-95-2	ug/L	(1)	< 9.2 U	< 9.2 UJ		< 9.2 UJ	< 9.2 UJ	< 9.2 UJ
Pyrene	129-00-0	ug/L	(1)	< 2.8 U	< 2.8 UJ		< 2.8 UJ	< 2.8 UJ	< 2.8 UJ
TPH									
Diesel Fuel	68334-30-5	ug/L	(1)						
Gasoline	8006-61-9	ug/L	(1)						
TPH, aviation gas fraction	50815-00-4	ug/L	(1)						
TRPH	TRPH	ug/L	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)			< 1 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			< 1 U			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)			< 1 U			
1,1-Dichloroethane	75-34-3	ug/L	(1)			< 1 U			
1,1-Dichloroethene	75-35-4	ug/L	(1)			< 1 U			
1,2-Dichloroethane	107-06-2	ug/L	(1)			< 1 U			
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)						

Chemical Name	CAS No	Unit	Site Name	3	3	3	3	3	3
			Location ID	K-3-SW-013	K-3-SW-014	K-3-SW-014	K-3-SW-015	K-3-SW-016	K-3-SW-017
			Sample Date	7/16/1996	6/11/1996	5/24/2004	6/10/1996	6/10/1996	6/11/1996
			Depth Interval						
			Sample ID	3SW-13(19960716)	3SW-14(19960611)	3SW-14(20040524)	3SW-15(19960610)	3SW-16(19960610)	3SW-17(19960611)
			Sample Matrix	WS	WS	WS	WS	WS	WS
			ValueNo						
VOC (continued)									
1,2-Dichloropropane	78-87-5	ug/L	(1)			< 1 U			
2-Butanone	78-93-3	ug/L	(1)			< 10 U			
2-Hexanone	591-78-6	ug/L	(1)			< 10 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)			< 5 U			
Acetone	67-64-1	ug/L	(1)			< 10 (U)			
Acetonitrile	75-05-8	ug/L	(1)			< 20 U			
Benzene	71-43-2	ug/L	(1)			< 1 U			
Bromodichloromethane	75-27-4	ug/L	(1)			< 1 U			
Bromoform	75-25-2	ug/L	(1)			< 1 U			
Bromomethane	74-83-9	ug/L	(1)			< 2 U			
Carbon disulfide	75-15-0	ug/L	(1)			< 1 U			
Carbon tetrachloride	56-23-5	ug/L	(1)			< 1 U			
Chlorobenzene	108-90-7	ug/L	(1)			< 1 U			
Chloroethane	75-00-3	ug/L	(1)			< 2 U			
Chloroform	67-66-3	ug/L	(1)			< 1 U			
Chloromethane	74-87-3	ug/L	(1)			< 2 U			
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)			< 0.5 U			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			< 1 U			
Dibromochloromethane	124-48-1	ug/L	(1)			< 1 U			
Dichlorodifluoromethane	75-71-8	ug/L	(1)			< 2 U			
Ethanol	64-17-5	ug/L	(1)						
Ethyl benzene	100-41-4	ug/L	(1)			< 1 U			
Isopropanol	67-63-0	ug/L	(1)						
Methylene chloride	75-09-2	ug/L	(1)			< 1 U			
Styrene	100-42-5	ug/L	(1)			< 1 U			
tert-Butylalcohol	75-65-0	ug/L	(1)						
Tetrachloroethene	127-18-4	ug/L	(1)			< 1 U			
Toluene	108-88-3	ug/L	(1)			< 1 U			
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)			< 0.5 U			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			< 1 U			
Trichloroethene	79-01-6	ug/L	(1)			< 1 U			
Trichlorofluoromethane	75-69-4	ug/L	(1)			< 2 U			
Vinyl acetate	108-05-4	ug/L	(1)						
Vinyl chloride	75-01-4	ug/L	(1)			< 2 U			
Xylenes	1330-20-7	ug/L	(1)			< 1 U			
WetChem									
Ammonia	7664-41-7	ug/L	(1)	148	80.2		< 60 U	56.6	77.8
Chloride	16887-00-6	ug/L	(1)	3730	25200		2960	5930	2960
Cyanide	57-12-5	ug/L	(1)	< 2.5 U	< 2.5 U		< 2.5 U	< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	(1)	< 1230 U	< 1230 U		< 1230 U	< 1230 U	< 1230 U
Nitrate	14797-55-8	ug/l	(1)						
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	111	71.4		54.3	70.7	< 10 U
Nitrite	14797-65-0	ug/l	(1)						
Phosphate	14265-44-2	ug/L	(1)	135	33.1		15.3	22.2	41.3
Phosphorus	7723-14-0	ug/L	(1)						
Sulfate	14808-79-8	ug/l	(1)	< 10000 U	< 10000 U		< 10000 U	< 10000 U	11000
Sulfide	18496-25-8	ug/L	(1)	< 50 U	< 50 U		< 50 U	< 50 U	< 50 U

			Site Name	3	3	3	3
			Location ID	K-3-SW-017	K-3-SW-018	K-3-SW-019	K-3-SW-019
			Sample Date	5/24/2004	4/13/2000	9/1/1998	9/10/1998
			Depth Interval				
			Sample ID	3SW-17(20040524)	3SW-18(20000413)	3SW-19(19980901)	3SW-19(19980910)
			Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Dioxins							
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	ug/L	(1)				
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	ug/L	(1)				
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	ug/L	(1)				
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	ug/L	(1)				
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	ug/L	(1)				
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	ug/L	(1)				
Octachlorodibenzodioxin	3268-87-9	ug/L	(1)				
Total heptachlorodibenzo-p-dioxins	37871-00-4	ug/L	(1)				
Total hexachlorodibenzo-p-dioxins	34465-46-8	ug/L	(1)				
Total pentachlorodibenzo-p-dioxins	36088-22-9	ug/L	(1)				
Total tetrachlorodibenzo-p-dioxins	41903-57-5	ug/L	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)			< 0.05 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)			< 0.05 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)			< 0.05 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			< 0.05 U	
2-Nitrotoluene	88-72-2	ug/L	(1)			< 0.1 U	
3-Nitrotoluene	99-08-1	ug/L	(1)			< 0.1 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			< 0.05 U	
4-Nitrotoluene	99-99-0	ug/L	(1)			< 0.1 U	
HMX	2691-41-0	ug/L	(1)			< 0.1 U	
Nitrobenzene	98-95-3	ug/L	(1)			< 1 U	
Nitrobenzene	98-95-3	ug/L	(2)			< 0.05 U	
Nitrocellulose	9004-70-0	ug/l	(1)			< 553 U	
Nitroglycerin	55-63-0	ug/L	(1)			< 4 U	
Nitroguanidine	556-88-7	ug/L	(1)			< 26 U	
PETN	78-11-5	ug/L	(1)			< 8 U	
Picric Acid	88-89-1	ug/L	(1)				< 0.24 U
RDX	121-82-4	ug/L	(1)			< 0.1 U	
Tetrazene	14097-21-3	ug/L	(1)			< 4.72 U	
Tetryl	479-45-8	ug/L	(1)			< 0.1 U	
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	(1)			< 0.05 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			< 2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(1)			< 2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			< 0.05 U	
Furans							
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	ug/L	(1)				
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	ug/L	(1)				
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	ug/L	(1)				
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	ug/L	(1)				
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	ug/L	(1)				
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	ug/L	(1)				
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	ug/L	(1)				
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	ug/L	(1)				
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	ug/L	(1)				
Octachlorodibenzofuran	39001-02-0	ug/L	(1)				
Total heptachlorodibenzofurans	38998-75-3	ug/L	(1)				
Total hexachlorodibenzofurans	55684-94-1	ug/L	(1)				
Total pentachlorodibenzofurans	30402-15-4	ug/L	(1)				
Total tetrachlorodibenzofurans	30402-14-3	ug/L	(1)				

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SW-017 / 5/24/2004 / 3SW-17(20040524) / WS	3 / K-3-SW-018 / 4/13/2000 / 3SW-18(20000413) / WS	3 / K-3-SW-019 / 9/1/1998 / 3SW-19(19980901) / WS	3 / K-3-SW-019 / 9/10/1998 / 3SW-19(19980910) / WS
Metals							
Aluminum	7429-90-5	ug/L	(1)		18600 J	< 100 U	
Antimony	7440-36-0	ug/L	(1)		7.1 J	< 0.667 U	
Arsenic	7440-38-2	ug/L	(1)		4.5 J	< 1.11 U	
Barium	7440-39-3	ug/l	(1)		160 J	16.6	
Beryllium	7440-41-7	ug/L	(1)		< 5 U	< 0.222 U	
Boron	7440-42-8	ug/L	(1)			73.8	
Cadmium	7440-43-9	ug/L	(1)		< 2 U	< 0.111 U	
Calcium	7440-70-2	ug/L	(1)		44600	12200	
Chromium	7440-47-3	ug/l	(1)		46	< 2 U	
Cobalt	7440-48-4	ug/L	(1)		13 J	< 0.667 U	
Copper	7440-50-8	ug/L	(1)		26	< 3 U	
Iron	7439-89-6	ug/L	(1)		21000	246	
Lead	7439-92-1	ug/L	(1)		23	< 0.667 U	
Magnesium	7439-95-4	ug/L	(1)		11900	5080	
Manganese	7439-96-5	ug/L	(1)		870	29.9	
Mercury	7439-97-6	ug/L	(1)		0.23	< 0.222 U	
Nickel	7440-02-0	ug/L	(1)		25 J	< 5 U	
Potassium	7440-09-7	ug/L	(1)		3000 J	814	
Selenium	7782-49-2	ug/L	(1)		< 5 U	< 6.11 U	
Silver	7440-22-4	ug/L	(1)		< 10 U	< 0.111 U	
Sodium	7440-23-5	ug/L	(1)		25000	25600 J	
Strontium	7440-24-6	ug/L	(1)			66.6	
Thallium	7440-28-0	ug/L	(1)		1.6 J	< 0.111 U	
Titanium	7440-32-6	ug/L	(1)			< 2 U	
Vanadium	7440-62-2	ug/L	(1)		42 J	< 2 U	
Zinc	7440-66-6	ug/L	(1)		380	< 15 U	
Zirconium	7440-67-7	ug/L	(1)			< 2 U	
PCBs							
Aroclor 1016	12674-11-2	ug/L	(1)			< 0.1 U	
Aroclor 1221	11104-28-2	ug/L	(1)			< 0.1 U	
Aroclor 1232	11141-16-5	ug/L	(1)			< 0.1 U	
Aroclor 1242	53469-21-9	ug/L	(1)			< 0.1 U	
Aroclor 1248	12672-29-6	ug/L	(1)			< 0.1 U	
Aroclor 1254	11097-69-1	ug/L	(1)			< 0.1 U	
Aroclor 1260	11096-82-5	ug/L	(1)			< 0.1 U	
Pesticides							
4,4'-DDD	72-54-8	ug/L	(1)			< 0.6 U	
4,4'-DDE	72-55-9	ug/L	(1)			< 0.5 U	
4,4'-DDT	50-29-3	ug/L	(1)			< 0.5 U	
Aldrin	309-00-2	ug/L	(1)			< 0.5 U	
alpha-BHC	319-84-6	ug/L	(1)			< 0.5 U	
alpha-Chlordane	5103-71-9	ug/L	(1)			< 0.5 U	
beta-BHC	319-85-7	ug/L	(1)			< 0.5 U	
Chlordane	57-74-9	ug/L	(1)			< 0.025 U	
delta-BHC	319-86-8	ug/L	(1)			< 0.5 U	
Diazinon	333-41-5	ug/L	(1)			< 0.05 U	
Dieldrin	60-57-1	ug/L	(1)			< 0.5 U	
Endosulfan I	959-98-8	ug/L	(1)			< 0.5 U	
Endosulfan II	33213-65-9	ug/L	(1)			< 0.5 U	
Endosulfan sulfate	1031-07-8	ug/L	(1)			< 0.5 U	
Endrin	72-20-8	ug/L	(1)			< 0.5 U	

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	3 / K-3-SW-017 / 5/24/2004 / 3SW-17(20040524) / WS	3 / K-3-SW-018 / 4/13/2000 / 3SW-18(20000413) / WS	3 / K-3-SW-019 / 9/1/1998 / 3SW-19(19980901) / WS	3 / K-3-SW-019 / 9/10/1998 / 3SW-19(19980910) / WS
Pesticides (continued)							
Endrin aldehyde	7421-93-4	ug/L	(1)			< 0.5 U	
Endrin ketone	53494-70-5	ug/L	(1)			< 0.5 U	
gamma-BHC (Lindane)	58-89-9	ug/L	(1)			< 0.5 U	
gamma-Chlordane	5103-74-2	ug/L	(1)			< 0.5 U	
Heptachlor	76-44-8	ug/L	(1)			< 0.5 U	
Heptachlor epoxide	1024-57-3	ug/L	(1)			< 0.5 U	
Isodrin	465-73-6	ug/L	(1)				
Malathion	121-75-5	ug/L	(1)			< 0.05 U	
Methoxychlor	72-43-5	ug/L	(1)			< 0.5 U	
Mirex	2385-85-5	ug/L	(1)			< 10 U	
Toxaphene	8001-35-2	ug/L	(1)			< 0.5 U	
Radiological							
Americium-241	86954-36-1	pCi/L	(1)				
Cesium-137	10045-97-3	pCi/L	(1)				
Cobalt-60	10198-40-0	pCi/L	(1)				
Gross alpha	12587-46-1	pCi/L	(1)				
Gross beta	12587-47-2	pCi/L	(1)				
Radium-226	13982-63-3	pCi/L	(1)				
Total Uranium	7440-61-1 U	ug/L	(1)				
Uranium-235	15117-96-1	pCi/L	(1)				
Uranium-238	7440-61-1 U-238	pCi/L	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U			
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)			< 1 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)			< 1 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)			< 1 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)			< 1 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)			< 4 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)			< 4.5 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)			< 2 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)			< 2 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)			< 30 U	
2-Chloronaphthalene	91-58-7	ug/L	(1)			< 1 U	
2-Chlorophenol	95-57-8	ug/L	(1)			< 2 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)			< 1 U	
2-Methylphenol	95-48-7	ug/L	(1)			< 2 U	
2-Nitroaniline	88-74-4	ug/L	(1)			< 5 U	
2-Nitrophenol	88-75-5	ug/L	(1)			< 2 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)			< 5 U	
3-Nitroaniline	99-09-2	ug/L	(1)			< 5 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)			< 20 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)			< 1 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)			< 1.5 U	
4-Chloroaniline	106-47-8	ug/L	(1)			< 4 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)			< 1 U	
4-Methylphenol	106-44-5	ug/L	(1)			< 2 U	
4-Nitroaniline	100-01-6	ug/L	(1)			< 5 U	
4-Nitrophenol	100-02-7	ug/L	(1)			< 10 U	
Acenaphthene	83-32-9	ug/L	(1)			< 1 U	
Acenaphthylene	208-96-8	ug/L	(1)				
Aniline	62-53-3	ug/L	(1)			< 2 U	

			Site Name	3	3	3	3
			Location ID	K-3-SW-017	K-3-SW-018	K-3-SW-019	K-3-SW-019
			Sample Date	5/24/2004	4/13/2000	9/1/1998	9/10/1998
			Depth Interval				
			Sample ID	3SW-17(20040524)	3SW-18(20000413)	3SW-19(19980901)	3SW-19(19980910)
			Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
SVOC (continued)							
Anthracene	120-12-7	ug/L	(1)			< 1 U	
Benz(a)anthracene	56-55-3	ug/L	(1)			< 1.5 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)			< 2 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)			< 1.5 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)			< 2.5 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)			< 1.5 U	
Benzoic Acid	65-85-0	ug/L	(1)				
Benzyl alcohol	100-51-6	ug/L	(1)				
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)			< 1 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)			< 1.5 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)			< 1 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)			< 2 U	
Butylbenzyl phthalate	85-68-7	ug/L	(1)			< 1.5 U	
Carbazole	86-74-8	ug/L	(1)			< 2 U	
Chrysene	218-01-9	ug/L	(1)			< 1.5 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)			< 2.5 U	
Dibenzofuran	132-64-9	ug/L	(1)			< 1 U	
Diethylphthalate	84-66-2	ug/L	(1)			< 1 U	
Dimethylphthalate	131-11-3	ug/L	(1)			< 2 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)			0.44 J	
di-n-Octylphthalate	117-84-0	ug/L	(1)			< 2.4 U	
Diphenylamine	122-39-4	ug/L	(1)			< 1 U	
Fluoranthene	206-44-0	ug/L	(1)			< 1 U	
Fluorene	86-73-7	ug/L	(1)			< 1 U	
Hexachlorobenzene	118-74-1	ug/L	(1)			< 2 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)			< 2 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)			< 10 U	
Hexachloroethane	67-72-1	ug/L	(1)			< 1.5 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)			< 2.5 U	
Isophorone	78-59-1	ug/L	(1)			< 1 U	
Naphthalene	91-20-3	ug/L	(1)			< 1 U	
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			< 1 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)			< 1 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)			< 1 U	
Pentachlorophenol	87-86-5	ug/L	(1)			< 10 U	
Phenanthrene	85-01-8	ug/L	(1)			< 1 U	
Phenol	108-95-2	ug/L	(1)			< 2 U	
Pyrene	129-00-0	ug/L	(1)			< 1 U	
TPH							
Diesel Fuel	68334-30-5	ug/L	(1)				
Gasoline	8006-61-9	ug/L	(1)				
TPH, aviation gas fraction	50815-00-4	ug/L	(1)				
TRPH	TRPH	ug/L	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U			
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U			
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U			
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U			
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U			
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)				

			Site Name	3	3	3	3
			Location ID	K-3-SW-017	K-3-SW-018	K-3-SW-019	K-3-SW-019
			Sample Date	5/24/2004	4/13/2000	9/1/1998	9/10/1998
			Depth Interval				
			Sample ID	3SW-17(20040524)	3SW-18(20000413)	3SW-19(19980901)	3SW-19(19980910)
			Sample Matrix	WS	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
VOC (continued)							
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U			
2-Butanone	78-93-3	ug/L	(1)	< 10 U			
2-Hexanone	591-78-6	ug/L	(1)	< 10 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U			
Acetone	67-64-1	ug/L	(1)	< 10 (U)			
Acetonitrile	75-05-8	ug/L	(1)	< 20 U			
Benzene	71-43-2	ug/L	(1)	< 1 U			
Bromodichloromethane	75-27-4	ug/L	(1)	0.23 J			
Bromoform	75-25-2	ug/L	(1)	< 1 U			
Bromomethane	74-83-9	ug/L	(1)	< 2 U			
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U			
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U			
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U			
Chloroethane	75-00-3	ug/L	(1)	< 2 U			
Chloroform	67-66-3	ug/L	(1)	0.26 J			
Chloromethane	74-87-3	ug/L	(1)	< 2 U			
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U			
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U			
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U			
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U			
Ethanol	64-17-5	ug/L	(1)				
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U			
Isopropanol	67-63-0	ug/L	(1)				
Methylene chloride	75-09-2	ug/L	(1)	< 1 U			
Styrene	100-42-5	ug/L	(1)	< 1 U			
tert-Butylalcohol	75-65-0	ug/L	(1)				
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U			
Toluene	108-88-3	ug/L	(1)	< 1 U			
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U			
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U			
Trichloroethene	79-01-6	ug/L	(1)	< 1 U			
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U			
Vinyl acetate	108-05-4	ug/L	(1)				
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U			
Xylenes	1330-20-7	ug/L	(1)	< 1 U			
WetChem							
Ammonia	7664-41-7	ug/L	(1)		< 200 R	< 50 U	
Chloride	16887-00-6	ug/L	(1)		27400	58500 D	
Cyanide	57-12-5	ug/L	(1)				
Fluoride	16984-48-8	ug/L	(1)		80 J	167	
Nitrate	14797-55-8	ug/l	(1)		20 J	< 100 U	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)				
Nitrite	14797-65-0	ug/l	(1)		< 500 U	< 100 U	
Phosphate	14265-44-2	ug/L	(1)				
Phosphorus	7723-14-0	ug/L	(1)		< 100 U	46.3	
Sulfate	14808-79-8	ug/l	(1)		13000	9200	
Sulfide	18496-25-8	ug/L	(1)		< 500 R	1800	

Historic Analytical Results for Groundwater Samples at PICA 071/Site 45/39

		Site Name	45	45	45	45	45	45	45	45	45
		Location ID	D-33-10	D-33-10	D-33-10	D-33-10	D-33-10	D-33-10	D-33-10	D-33-6	D-33-6
		Sample Date	8/5/2003	12/16/2003	6/22/2004	12/7/2004	12/7/2004	6/13/2005	12/2/2005	8/5/2003	12/16/2003
		Depth Interval	4.8 - 14.8	4.8 - 14.8	4.8 - 14.8	4.8 - 14.8	4.8 - 14.8	4.8 - 14.8	4.8 - 14.8	5 - 15	5 - 15
		Sample ID	33-10(20030805)	33-10(20031216)	33-10(20040622)	33-10(20041207)	33-10DUP(20041207)	33-10(20050613)	33-10(20051202)	33-6(20030805)	33-6(20031216)
		Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit									
Dissolved Gas											
Ethane	74-84-0	ug/L	< 0.5 U	< 0.5 U	0.47 J	< 0.5 U	< 0.5 (U)	0.15 J	< 0.5 U	< 0.5 U	< 0.5 U
Ethene	74-85-1	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Methane	74-82-8	ug/L	11	9.6	150	27	26	56	19	55 J	68
Metals											
Iron	7439-89-6	ug/L		1570	5320	5980	2950	2230	2130		1120
VOC											
Benzene	71-43-2	ug/L	0.21 J	< 1 U	4.5	< 1 U	< 1 U	3.7	< 1 U	< 1 U	< 1 U
Ethyl benzene	100-41-4	ug/L	0.21 J	< 1 U	20	< 1 U	< 1 U	27	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U	1.1	< 1 U	< 1 U	1.2	< 1 U	< 1 U	< 1 U
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	6.3	< 1 U	< 1 U	5.3	< 1 U	< 1 U	< 1 U
WetChem											
Chloride	16887-00-6	ug/L	66000							393000 D	
Nitrate	14797-55-8	ug/L	1300	1930	28.7 J	< 100 U	< 100 U	480	< 100 U	180	190
Nitrite	14797-65-0	ug/L	< 100 U	< 100 U	230	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Sulfate	14808-79-8	ug/L	28800	24700	4070	18400	17900	22100	19800	23700	21900

Historic Analytical Results for Groundwater Samples at PICA 071/Site 45/39

		Site Name	45	45	45	45	45	45	45	45	45	45
		Location ID	D-33-6	D-33-6	D-33-6	D-33-6	D-33-6	D-33-7	D-33-7	D-33-7	D-33-7	D-33-7
		Sample Date	6/22/2004	12/7/2004	6/13/2005	12/1/2005	12/1/2005	8/6/2003	12/17/2003	6/24/2004	12/6/2004	6/14/2005
		Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15
		Sample ID	33-6(20040622)	33-6(20041207)	33-6(20050613)	33-6(20051201)	33-6DUP(20051201)	33-7(20030806)	33-7(20031217)	33-7(20040624)	33-7(20041206)	33-7(20050614)
		Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit										
Dissolved Gas												
Ethane	74-84-0	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	0.19 J	0.2 J	< 0.5 U	< 0.5 U	0.23 J	< 0.5 (U)	< 0.5 U
Ethene	74-85-1	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 (U)	< 0.5 U
Methane	74-82-8	ug/L	53	13	51	190	220	250	270	320	260	170
Metals												
Iron	7439-89-6	ug/L	251	230	1780	700	648		3130	1120	13800	1570
VOC												
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U	1.9	2	1.2 JD	3.8 D	1.2 JD	2.8 D	< 1 U
Ethyl benzene	100-41-4	ug/L	< 1 U	0.21 J	< 1 U	< 1 U	< 1 U	79 D	89 D	58 D	69 D	15
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	2.6 D	3.8 D	1.9 JD	2.9 D	0.89 J
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	60 D	88 D	17 D	3.2 D	5.1
WetChem												
Chloride	16887-00-6	ug/L						477000 D	717000 D			
Nitrate	14797-55-8	ug/L	83.6 J	133	20 J	< 100 R	< 100 R	10 J	< 100 U	< 100 U	< 100 U	< 100 U
Nitrite	14797-65-0	ug/L	425 J	< 100 U	< 500 U GD	< 100 U	< 100 U	17200 D	< 100 U	318	< 100 U	< 100 U
Sulfate	14808-79-8	ug/L	18600	19200	28000	11800	11900	21300	56100	6340	131000	1300

Historic Analytical Results for Groundwater Samples at PICA 071/Site 45/39

		Site Name	45	45	45	45	45	45	45	45	45	45
		Location ID	D-33-7	D-33-8	D-33-8	D-33-8	D-33-8	D-33-8	D-33-8	D-33-9	D-33-9	D-33-9
		Sample Date	12/5/2005	8/6/2003	12/17/2003	6/23/2004	12/6/2004	6/14/2005	12/5/2005	8/5/2003	12/16/2003	6/23/2004
		Depth Interval	5 - 15	4.5 - 14.5	4.5 - 14.5	4.5 - 14.5	4.5 - 14.5	4.5 - 14.5	4.5 - 14.5	5 - 15	5 - 15	5 - 15
		Sample ID	33-7(20051205)	33-8(20030806)	33-8(20031217)	33-8(20040623)	33-8(20041206)	33-8(20050614)	33-8(20051205)	33-9(20030805)	33-9(20031216)	33-9(20040623)
		Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit										
Dissolved Gas												
Ethane	74-84-0	ug/L	< 0.5 U	< 5 UD	< 5 UD	< 5 UD	< 5 UD	< 5 UD	< 2.5 UD	< 0.5 U	< 0.5 U	< 0.5 U
Ethene	74-85-1	ug/L	< 0.5 U	< 5 UD	< 5 UD	< 5 UD	< 5 UD	< 5 UD	< 2.5 UD	< 0.5 U	< 0.5 U	< 0.5 U
Methane	74-82-8	ug/L	240	750 D	1200 D	1400 D	860 D	750 D	600 D	22	59	22
Metals												
Iron	7439-89-6	ug/L	2400		2180	2140	1770	2800	13900		11800	6470
VOC												
Benzene	71-43-2	ug/L	< 2 (U)D	< 10 UD	< 10 UD	< 11 UD	< 8 UD	2.4 JD	< 2 UD	< 1 U	< 1 U	< 1 U
Ethyl benzene	100-41-4	ug/L	22 D	170 D	120 D	180 D	150 D	190 D	110 D	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	2.3 D	20 D	14 D	20 D	16 D	19 D	8 D	< 1 U	< 1 U	< 1 U
Xylenes	1330-20-7	ug/L	13 D	500 D	430 D	540 D	410 D	430 D	270 D	< 1 U	< 1 U	< 1 U
WetChem												
Chloride	16887-00-6	ug/L		421000 D	196000					87600		
Nitrate	14797-55-8	ug/L	< 100 U	10 J	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	10 J	< 100 U	< 100 U
Nitrite	14797-65-0	ug/L	< 100 U	< 100 U	< 100 U	548 D	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	22 J
Sulfate	14808-79-8	ug/L	2090	2900	1800	< 1000 U	3970	5080	2280	20100	18400	14600

Historic Analytical Results for Groundwater Samples at PICA 071/Site 45/39

		Site Name	45	45	45	45	45	45	45	45	45
		Location ID	D-33-9	D-33-9	D-33-9	D-33-T-1	D-33-T-1	D-33-T-1	D-33-T-1	D-33-T-1	D-33-T-1
		Sample Date	12/8/2004	6/14/2005	12/2/2005	8/6/2003	8/6/2003	12/17/2003	6/22/2004	12/6/2004	6/13/2005
		Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15
		Sample ID	33-9(20041208)	33-9(20050614)	33-9(20051202)	33-T-1(20030806)	33-T-1DUP(20030806)	33-T-1(20031217)	33-T-1(20040622)	33-T-1(20041206)	33-T-1(20050613)
		Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit									
Dissolved Gas											
Ethane	74-84-0	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Ethene	74-85-1	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Methane	74-82-8	ug/L	43	26	36	26	24	61	290	31	33
Metals											
Iron	7439-89-6	ug/L	7790	7510	11500			1170	2820	1580	5230
VOC											
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	4.3	< 1 U	0.28 J
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	4.1	< 1 U	0.81 J
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	1.3	< 1 U	< 1 U
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	6.2	< 1 U	< 1 U
WetChem											
Chloride	16887-00-6	ug/L				37400	37400	53700			
Nitrate	14797-55-8	ug/L	< 100 U	< 100 U	< 100 R	< 100 U	10 J	< 100 U	< 100 U	< 100 U	< 100 U
Nitrite	14797-65-0	ug/L	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	61.9 J	< 100 U	< 100 U
Sulfate	14808-79-8	ug/L	13600	18300	16000	14600	14600	12100	6970	20500	19300

		Site Name	45	45	45	45	45	45	45	45	45
		Location ID	D-33-T-1	D-33-T-1	D-33-T-2	D-33-T-2	D-33-T-2	D-33-T-2	D-33-T-2	D-33-T-2	D-33-T-3
		Sample Date	6/13/2005	12/1/2005	8/5/2003	12/16/2003	6/23/2004	12/7/2004	6/13/2005	12/2/2005	8/7/2003
		Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15
		Sample ID	33-T-1DUP(20050613)	33-T-1(20051201)	33-T-2(20030805)	33-T-2(20031216)	33-T-2(20040623)	33-T-2(20041207)	33-T-2(20050613)	33-T-2(20051202)	33-T-3(20030807)
		Sample Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit									
Dissolved Gas											
Ethane	74-84-0	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 UD
Ethene	74-85-1	ug/L	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 UD
Methane	74-82-8	ug/L	32	27	35	8.3	61	26	56	24	320 D
Metals											
Iron	7439-89-6	ug/L	4840	2580		1030	375	8120	6860	461	
VOC											
Benzene	71-43-2	ug/L	0.23 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 12 UD
Ethyl benzene	100-41-4	ug/L	0.81 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	60 D
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 12 UD
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	29 D
WetChem											
Chloride	16887-00-6	ug/L			1550000 D						61700
Nitrate	14797-55-8	ug/L	< 100 U	< 100 R	210	330	< 100 U	< 100 U	30 J	< 100 R	< 100 U
Nitrite	14797-65-0	ug/L	< 100 U	< 100 U	< 2000 UD	< 100 U	598 JD	< 100 U	< 500 U GD	< 100 U	< 100 U
Sulfate	14808-79-8	ug/L	19400	21800	30000	24500	19300	16400	15700	20800	4000

		Site Name	45	45	45	45	45
		Location ID	D-33-T-3	D-33-T-3	D-33-T-3	D-33-T-3	D-33-T-3
		Sample Date	12/17/2003	6/23/2004	12/6/2004	6/14/2005	12/5/2005
		Depth Interval	5 - 15	5 - 15	5 - 15	5 - 15	5 - 15
		Sample ID	33-T-3(20031217)	33-T-3(20040623)	33-T-3(20041206)	33-T-3(20050614)	33-T-3(20051205)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Dissolved Gas							
Ethane	74-84-0	ug/L	< 1 UD	< 0.5 U	< 1 UD	< 0.5 U	< 0.5 U
Ethene	74-85-1	ug/L	< 1 UD	< 0.5 U	< 1 UD	< 0.5 U	0.77
Methane	74-82-8	ug/L	190 D	220	220 D	74	330
Metals							
Iron	7439-89-6	ug/L	629	733	686	517	804
VOC							
Benzene	71-43-2	ug/L	< 2.5 UD	< 9.1 UD	< 14 UD	< 9.1 UD	< 5 UD
Ethyl benzene	100-41-4	ug/L	31 D	24 D	56 D	32 D	9.5 D
Toluene	108-88-3	ug/L	< 2.5 UD	< 9.1 UD	< 14 UD	< 9.1 UD	< 5 UD
Xylenes	1330-20-7	ug/L	17 D	4.5 JD	< 14 UD	6.2 JD	< 5 UD
WetChem							
Chloride	16887-00-6	ug/L	19300				
Nitrate	14797-55-8	ug/L	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Nitrite	14797-65-0	ug/L	< 100 U	53.3 J	< 100 U	< 100 U	< 100 U
Sulfate	14808-79-8	ug/L	9410	6630	9760	8840	10300

Historic Analytical Results for Sediment Samples at PICA 071/Site 45/39

			Site Name	45	45	45
			Location ID	D-SDBG-32	D-SDBG-32	D-SDBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval	0 - .5	0 - .5	0 - .5
			Sample ID	SDBG-32(0-0.5)	SDBG-32DUP(0-0.5)	SDBS-21(0-0.5)
			Sample Matrix	SE	SE	SE
Chemical Name	CAS No	Unit	ValueNo			
Dioxins						
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	mg/kg	(1)	< 0.625 U	< 0.521 U	< 0.0242 U
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	mg/kg	(1)	< 0.257 U	< 0.676 U	< 0.661 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	mg/kg	(1)	< 0.253 U	< 0.667 U	< 0.693 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	mg/kg	(1)	< 0.245 U	< 0.645 U	< 0.66 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	mg/kg	(1)	< 0.221 U	< 0.456 U	< 0.45 U
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	mg/kg	(1)	< 0.183 U	< 0.482 U	< 0.34 U
Octachlorodibenzodioxin	3268-87-9	mg/kg	(1)	< 0.0241 U	0.05	0.28
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.922 U	< 0.922 U	< 0.922 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.504 U	< 0.504 U	< 0.504 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 2 U	< 2 U	< 2 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.34 U	< 0.34 U	< 0.34 U
HMX	2691-41-0	mg/kg	(1)	< 2 U	< 2 U	< 2 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 1.14 U	< 1.14 U	< 1.8 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.8 U	< 1.8 U	< 1.14 U
Nitrocellulose	9004-70-0	mg/kg	(1)	72.8 B	64.7 B	65
Nitroglycerin	55-63-0	mg/kg	(1)	< 0.51 U	< 0.51 U	< 0.51 U
PETN	78-11-5	mg/kg	(1)	< 1 U	< 1 U	< 1 U
RDX	121-82-4	mg/kg	(1)	< 1.28 U	< 1.28 U	< 1.28 U
Tetryl	479-45-8	mg/kg	(1)	< 2.11 U	< 2.11 U	< 2.11 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 2.5 U	< 2.5 U	< 2.5 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 1.4 U	< 1.4 U	< 1.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.32 U	< 2 U	< 0.32 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 2 U	< 0.32 U	< 2 U
Furans						
1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	mg/kg	(1)	< 0.217 U	< 0.617 U	0.01
1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	mg/kg	(1)	< 0.267 U	< 0.76 U	< 0.99 U
1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	mg/kg	(1)	< 0.198 U	< 0.0112 U	< 0.654 U
1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	mg/kg	(1)	< 0.194 U	< 0.0109 U	< 0.625 U
1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	mg/kg	(1)	< 0.236 U	< 0.0133 U	< 0.82 U
1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	mg/kg	(1)	< 0.206 U	< 0.284 U	< 0.401 U
2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	mg/kg	(1)	< 0.204 U	< 0.0115 U	< 0.677 U
2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	mg/kg	(1)	< 0.2 U	< 0.275 U	< 0.406 U
2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	mg/kg	(1)	< 0.191 U	< 0.0662 U	< 0.39 U
Octachlorodibenzofuran	39001-02-0	mg/kg	(1)	< 0.865 U	0.05	< 0.044 U
Metals						
Aluminum	7429-90-5	mg/kg	(1)	10100	13700	6930
Antimony	7440-36-0	mg/kg	(1)	< 1 U	< 1 U	< 1 U
Arsenic	7440-38-2	mg/kg	(1)	3.01	3.32	< 2.5 U
Barium	7440-39-3	mg/kg	(1)	54.2	48.9	43.8
Beryllium	7440-41-7	mg/kg	(1)	0.87	< 0.427 U	< 0.427 U
Cadmium	7440-43-9	mg/kg	(1)	< 1.2 U	< 1.2 U	2.18
Calcium	7440-70-2	mg/kg	(1)	3190	2600	7070
Chromium	7440-47-3	mg/kg	(1)	18	16.7	27.2
Cobalt	7440-48-4	mg/kg	(1)	12.5	7.22	12.2
Copper	7440-50-8	mg/kg	(1)	31.2	21.8	39.5
Iron	7439-89-6	mg/kg	(1)	25600	26400	12900
Lead	7439-92-1	mg/kg	(1)	74.4	36.9	116
Magnesium	7439-95-4	mg/kg	(1)	3160	2860	2970
Manganese	7439-96-5	mg/kg	(1)	489	144	184
Mercury	7439-97-6	mg/kg	(1)	0.69	0.14	0.46
Nickel	7440-02-0	mg/kg	(1)	17.1	9.68	13.5
Potassium	7440-09-7	mg/kg	(1)	729	976	525
Selenium	7782-49-2	mg/kg	(1)	< 0.449 U	< 0.449 U	< 0.449 U
Silver	7440-22-4	mg/kg	(1)	3.14	< 0.803 U	< 0.803 U
Sodium	7440-23-5	mg/kg	(1)	265	145	508
Thallium	7440-28-0	mg/kg	(1)	< 34.3 U	< 34.3 U	< 34.3 U
Vanadium	7440-62-2	mg/kg	(1)	20.9	27.3	16.7
Zinc	7440-66-6	mg/kg	(1)	178	92.6	335
Other						
1,4-Oxathiane	15980-15-1	mg/kg	(1)	< 0.075 U	< 0.075 U	< 0.075 U
Dithiane	51330-42-8	mg/kg	(1)	< 0.065 U	< 0.065 U	< 0.065 U
PCBs						
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.1 U	< 0.32 U	< 0.32 U

			Site Name	45	45	45
			Location ID	D-SDBG-32	D-SDBG-32	D-SDBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval	0 - .5	0 - .5	0 - .5
			Sample ID	SDBG-32(0-0.5)	SDBG-32DUP(0-0.5)	SDBS-21(0-0.5)
			Sample Matrix	SE	SE	SE
Chemical Name	CAS No	Unit	ValueNo			
Aroclor 1016	12674-11-2	mg/kg	(2)	< 0.32 U	< 0.1 U	< 0.1 U
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.1 UT	< 0.1 UT	< 0.1 UT
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.1 UT	< 0.1 UT	< 0.1 UT
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.1 UT	< 0.1 UT	< 0.1 UT
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.1 UT	< 0.1 UT	< 0.1 UT
Aroclor 1254	11097-69-1	mg/kg	(1)	< 0.0479 UT	< 0.0479 UT	< 0.0479 UT
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U
Aroclor 1260	11096-82-5	mg/kg	(2)	< 0.0479 U	< 0.0479 U	< 0.0479 U
Aroclor 1262	37324-23-5	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U
Pesticides						
4,4'-DDD	72-54-8	mg/kg	(1)	0.03	0.03	< 0.064 U
4,4'-DDD	72-54-8	mg/kg	(2)	< 0.064 U	< 0.064 U	0.55
4,4'-DDE	72-55-9	mg/kg	(1)	0.9	0.84	< 0.068 U
4,4'-DDE	72-55-9	mg/kg	(2)	< 0.068 U	< 0.068 U	< 0.27 U
4,4'-DDT	50-29-3	mg/kg	(1)	< 0.1 U	0.02	< 0.35 U
4,4'-DDT	50-29-3	mg/kg	(2)	0.97	< 0.1 U	< 0.1 U
Aldrin	309-00-2	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U
Aldrin	309-00-2	mg/kg	(2)	0.01 JN	< 0.14 UJ	< 0.14 U
alpha-BHC	319-84-6	mg/kg	(1)	< 0.28 U	< 1.3 U	< 1.3 U
alpha-BHC	319-84-6	mg/kg	(2)	< 1.3 U	< 0.28 U	< 0.28 U
Atrazine	1912-24-9	mg/kg	(1)	< 0.065 U	< 0.065 U	< 0.065 U
beta-BHC	319-85-7	mg/kg	(1)	< 0.77 U	< 0.77 U	< 1.3 U
beta-BHC	319-85-7	mg/kg	(2)	< 1.3 U	< 1.3 U	< 0.77 U
Chlordane	57-74-9	mg/kg	(1)	< 0.68 U	< 0.0684 U	< 0.0684 UJ
Chlordane	57-74-9	mg/kg	(2)	< 0.0684 U	< 0.68 U	< 0.68 U
delta-BHC	319-86-8	mg/kg	(1)	< 0.85 U	< 0.21 U	< 0.85 U
delta-BHC	319-86-8	mg/kg	(2)	< 0.21 U	< 0.85 U	< 0.21 U
Dieldrin	60-57-1	mg/kg	(1)	< 0.079 U	< 0.079 U	< 0.079 U
Dieldrin	60-57-1	mg/kg	(2)	0.65 N	< 0.16 U	< 0.16 U
Endosulfan I	959-98-8	mg/kg	(1)	0.43 N	0.37 N	< 0.4 U
Endosulfan I	959-98-8	mg/kg	(2)	< 0.4 U	< 0.4 U	< 0.1 U
Endosulfan II	33213-65-9	mg/kg	(1)	< 0.07 U	< 2.4 U	< 0.07 U
Endosulfan II	33213-65-9	mg/kg	(2)	< 2.4 U	< 0.07 U	< 2.4 U
Endosulfan sulfate	1031-07-8	mg/kg	(1)	< 1.2 U	< 0.05 UT	< 1.2 U
Endosulfan sulfate	1031-07-8	mg/kg	(2)	< 0.05 UT	< 1.2 U	0.09 N
Endrin	72-20-8	mg/kg	(1)	< 1.3 U	< 1.3 U	< 0.65 UJ
Endrin	72-20-8	mg/kg	(2)	< 0.65 U	< 0.65 U	< 1.3 U
Endrin aldehyde	7421-93-4	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.8 U
Endrin ketone	53494-70-5	mg/kg	(1)	< 0.05 UT	< 0.05 UT	< 0.05 UT
gamma-BHC (Lindane)	58-89-9	mg/kg	(1)	< 0.1 UJ	< 0.1 U	< 0.1 U
gamma-BHC (Lindane)	58-89-9	mg/kg	(2)	< 0.1 U	< 0.1 UJ	< 0.1 U
Heptachlor	76-44-8	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U
Heptachlor	76-44-8	mg/kg	(2)	< 0.22 U	< 0.22 U	< 0.22 U
Heptachlor epoxide	1024-57-3	mg/kg	(1)	< 0.48 U	< 0.48 U	< 0.13 U
Heptachlor epoxide	1024-57-3	mg/kg	(2)	< 0.13 U	< 0.13 U	< 0.48 U
Isodrin	465-73-6	mg/kg	(1)	< 0.3 U	< 0.48 U	< 0.48 U
Isodrin	465-73-6	mg/kg	(2)	< 0.48 U	< 0.3 U	< 0.3 U
Malathion	121-75-5	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U
Methoxychlor	72-43-5	mg/kg	(1)	< 0.26 U	< 0.0359 U	< 0.26 U
Methoxychlor	72-43-5	mg/kg	(2)	< 0.0359 U	< 0.26 U	< 0.0359 UJ
Mirex	2385-85-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U
Parathion	56-38-2	mg/kg	(1)	< 1.7 U	< 1.7 U	< 1.7 U
p-Chlorophenylmethyl sulfide	123-09-1	mg/kg	(1)	< 0.097 U	< 0.097 U	< 0.097 U
p-Chlorophenylmethyl sulfone	98-57-7	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U
p-Chlorophenylmethyl sulfoxide	934-73-6	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U
Supona	470-90-6	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U
Toxaphene	8001-35-2	mg/kg	(1)	< 0.226 U	< 12 U	< 0.226 U
Toxaphene	8001-35-2	mg/kg	(2)	< 12 U	< 0.226 U	< 12 U
Vapona	62-73-7	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.068 U
Radiological						
Cesium-134	13967-70-9	pCi/g	(1)	< 0.018 U	< 0.02 U	< 0.022 U
Cesium-137	10045-97-3	pCi/g	(1)	0.2	0.24	0.39
Cobalt-60	10198-40-0	pCi/g	(1)	< 0.02 U	< 0.019 U	< 0.024 U
Gross alpha	12587-46-1	pCi/g	(1)	18.6	22.1	28
Gross beta	12587-47-2	pCi/g	(1)	25.6	27.3	41
Total Uranium	7440-61-1 U	mg/kg	(1)	1.8	2.7	2.5

			Site Name	45	45	45
			Location ID	D-SDBG-32	D-SDBG-32	D-SDBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval	0 - .5	0 - .5	0 - .5
			Sample ID	SDBG-32(0-0.5)	SDBG-32DUP(0-0.5)	SDBS-21(0-0.5)
			Sample Matrix	SE	SE	SE
Chemical Name	CAS No	Unit	ValueNo			
Zinc-65	13982-39-3	pCi/g	(1)	< 0.044 U	< 0.05 U	< 0.056 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.2 U	< 0.2 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.22 U	< 0.22 U	< 0.22 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.042 U	< 0.042 U	< 0.042 U
1,2-Diphenylhydrazine	122-66-7	mg/kg	(1)	< 0.52 U	< 0.52 U	< 0.52 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.14 U	< 0.042 U	< 0.042 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(2)	< 0.042 U	< 0.14 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.034 U	< 0.034 U	< 0.034 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.49 U	< 0.49 U	< 0.49 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.065 U	< 0.065 U	< 0.065 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 3 U	< 3 U	< 3 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 4.7 U	< 4.7 U	< 4.7 U
2,6-Dinitroaniline	606-22-4	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.055 U	< 0.055 U	< 0.055 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.032 U	0.08	< 0.032 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.1 U	< 1.1 U	< 1.1 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.6 U	< 1.6 U	< 1.6 U
3,5-Dinitroaniline	618-87-1	mg/kg	(1)	< 1.6 U	< 1.6 U	< 1.6 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 3 U	< 3 U	< 3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.8 U	< 0.8 U	< 0.8 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.041 U	< 0.041 U	< 0.041 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.93 U	< 0.93 U	< 0.93 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitrophenol	100-02-7	mg/kg	(1)	< 3.3 U	< 3.3 U	< 3.3 U
Acenaphthene	83-32-9	mg/kg	(1)	0.49	0.97	< 0.041 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U
Anthracene	120-12-7	mg/kg	(1)	< 0.71 U	< 0.71 U	< 0.71 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	2.2	4	2.4
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	5.6	8.4	1.3
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.18 U	3	< 0.18 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.36 U	< 0.36 U	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.48 U	12	1.7
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.8 U
Chrysene	218-01-9	mg/kg	(1)	2.5	4.2	3.2
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.38 U	< 0.38 U	< 0.38 U
Dichlorobenzenes	25321-22-6	mg/kg	(1)	< 0.2 U	< 0.2 U	
Dicyclopentadiene	77-73-6	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.063 U	< 0.063 U	< 0.063 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.3 U	3.2	3.9
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U
Fluoranthene	206-44-0	mg/kg	(1)	3.8	5.9	4.2
Fluorene	86-73-7	mg/kg	(1)	0.53	1	< 0.065 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.08 U	< 0.08 U	< 0.08 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.97 U	< 0.97 U	< 0.97 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.52 U	< 0.52 U	< 0.52 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.8 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 2.4 U	< 2.4 U	< 2.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.74 U	< 0.74 U	< 0.74 U
N-Nitrosodimethylamine	62-75-9	mg/kg	(1)	< 0.46 U	< 0.46 U	< 0.46 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.1 U	< 1.1 U	< 1.1 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.76 U	< 0.76 U	< 0.76 U
Phenanthrene	85-01-8	mg/kg	(1)	5.4	8.8	2

			Site Name	45	45	45
			Location ID	D-SDBG-32	D-SDBG-32	D-SDBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval	0 - .5	0 - .5	0 - .5
			Sample ID	SDBG-32(0-0.5)	SDBG-32DUP(0-0.5)	SDBS-21(0-0.5)
			Sample Matrix	SE	SE	SE
Chemical Name	CAS No	Unit	ValueNo			
Phenol	108-95-2	mg/kg	(1)	< 0.052 U	< 0.052 U	< 0.052 U
Pyrene	129-00-0	mg/kg	(1)	3.8	9.3	3.5
TPH						
Total Petroleum Hydrocarbons	TPH	mg/kg	(1)	250	380	2200 D
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.2 U	0.3	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.33 U	< 0.33 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.49 U	< 0.49 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.27 U	< 0.27 U	
1,2,3-Trichlorobenzene	87-61-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.32 U	< 0.32 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.32 U	< 0.32 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.53 U	< 0.53 U	
1,3-Dichloropropane	142-28-9	mg/kg	(1)	< 0.2 U	< 0.2 U	
2,3,6-Trichlorophenol	933-75-5	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U
2-Butanone	78-93-3	mg/kg	(1)	< 4.3 U	< 4.3 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.5 U	< 0.5 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.63 U	< 0.63 U	
Acetone	67-64-1	mg/kg	(1)	< 3.3 U	< 3.3 U	
Acrylonitrile	107-13-1	mg/kg	(1)	< 2 U	< 2 U	
Benzene	71-43-2	mg/kg	(1)	< 0.1 U	< 0.1 U	
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.2 U	< 0.2 U	
Bromoform	75-25-2	mg/kg	(1)	< 0.2 U	< 0.2 U	
Bromomethane	74-83-9	mg/kg	(1)	< 0.26 U	< 0.26 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.31 U	< 0.31 U	
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.1 U	< 0.1 U	
Chloroethane	75-00-3	mg/kg	(1)	< 0.64 U	< 0.64 U	
Chloroform	67-66-3	mg/kg	(1)	< 0.24 U	< 0.24 U	
Chloromethane	74-87-3	mg/kg	(1)	< 0.96 U	< 0.96 U	
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.25 U	< 0.25 U	
Dibromochloropropane	96-12-8	mg/kg	(1)	< 0.071 U	< 0.071 U	< 0.071 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.19 U	< 0.19 U	
Methylene chloride	75-09-2	mg/kg	(1)	< 4.4 U	< 4.4 U	
m-Xylenes	108-38-3	mg/kg	(1)	< 0.23 U	< 0.23 U	
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.16 U	< 0.16 U	
Toluene	108-88-3	mg/kg	(1)	< 0.1 U	< 0.1 U	
Trichloroethene	79-01-6	mg/kg	(1)	< 0.23 U	< 0.23 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.23 U	< 0.23 U	
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.8 U	< 1.8 U	
Xylenes	1330-20-7	mg/kg	(1)	< 0.78 U	< 0.78 U	
WetChem						
Cation Exchange Capacity	CEC	mg/kg	(1)	2100	1300	1200
Cyanide	57-12-5	mg/kg	(1)	< 0.25 UJ	< 0.25 UJ	< 0.25 U
Total organic carbon	TOC	mg/kg	(1)	8300	5100	26000

			Site Name	45	45	45
			Location ID	D-SWBG-32	D-SWBG-32	D-SWBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval			
			Sample ID	SWBG-32(19931101)	SWBG-32DUP(19931101)	SWBS-21(19931027)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)			< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)			< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)			< 0.426 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U
HMX	2691-41-0	ug/L	(1)			< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 3.7 U	< 3.7 U	< 0.682 U
Nitrobenzene	98-95-3	ug/L	(2)			< 3.7 U
Nitrocellulose	9004-70-0	ug/L	(1)	625	504	564
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U	< 1.49 U	< 1.49 U
PETN	78-11-5	ug/L	(1)	< 2 U	< 2 U	< 2 U
RDX	121-82-4	ug/L	(1)			0.65
Tetryl	479-45-8	ug/L	(1)			< 0.631 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 5.8 U	< 5.8 U	< 0.397 UJ
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			< 5.8 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 6.7 U	< 6.7 U	< 6.7 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			< 0.6 U
Metals						
Aluminum	7429-90-5	ug/L	(1)	< 112 U	< 112 U	< 112 U
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U	< 60 U
Arsenic	7440-38-2	ug/L	(1)	< 2.35 UJ	< 2.35 UJ	< 2.35 U
Barium	7440-39-3	ug/L	(1)	27	26.5	26.6
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U	< 1.12 U	< 1.12 U
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U	< 6.78 U	< 6.78 U
Calcium	7440-70-2	ug/L	(1)	14400	14100	17900
Chromium	7440-47-3	ug/L	(1)	< 16.8 U	< 16.8 U	< 16.8 U
Cobalt	7440-48-4	ug/L	(1)	< 25 U	< 25 U	< 25 U
Copper	7440-50-8	ug/L	(1)	< 18.8 U	< 18.8 U	< 18.8 U
Iron	7439-89-6	ug/L	(1)	138	123	170
Lead	7439-92-1	ug/L	(1)	< 4.47 U	< 4.47 U	< 4.47 U
Magnesium	7439-95-4	ug/L	(1)	5240	5150	6650
Manganese	7439-96-5	ug/L	(1)	13.3	12.9	12.3
Mercury	7439-97-6	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.1 U
Nickel	7440-02-0	ug/L	(1)	< 32.1 U	< 32.1 U	< 32.1 U
Potassium	7440-09-7	ug/L	(1)	< 1240 U	< 1240 U	< 1240 U
Selenium	7782-49-2	ug/L	(1)	3.16 J	< 2.53 UJ	< 2.53 U
Silver	7440-22-4	ug/L	(1)	0.7	< 0.333 U	< 0.333 U
Sodium	7440-23-5	ug/L	(1)	13700	13400	17400
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U	< 125 U
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U	< 27.6 U	< 27.6 U
Zinc	7440-66-6	ug/L	(1)	27.7	20.9	< 18 U
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U	< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U	< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U	< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U	< 3.3 U	< 3.3 U
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.385 U	< 0.385 U	< 0.385 U
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.385 UT
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.385 UT
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.385 UT
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.385 UT
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.176 UT	< 0.176 UT	< 0.176 UT
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.176 U	< 0.176 U	< 0.176 U

			Site Name	45	45	45
			Location ID	D-SWBG-32	D-SWBG-32	D-SWBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval			
			Sample ID	SWBG-32(19931101)	SWBG-32DUP(19931101)	SWBS-21(19931027)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 18 U	< 0.81 U	< 18 U
4,4'-DDD	72-54-8	ug/L	(2)	< 0.81 U	< 18 U	< 0.81 U
4,4'-DDE	72-55-9	ug/L	(1)	< 14 U	< 0.39 U	< 14 U
4,4'-DDE	72-55-9	ug/L	(2)	< 0.39 U	< 14 U	< 0.39 U
4,4'-DDT	50-29-3	ug/L	(1)	< 0.25 U	< 18 U	< 18 U
4,4'-DDT	50-29-3	ug/L	(2)	< 18 U	< 0.25 U	< 0.25 U
Aldrin	309-00-2	ug/L	(1)	< 13 U	< 0.74 U	< 13 U
Aldrin	309-00-2	ug/L	(2)	< 0.74 U	< 13 U	< 0.74 U
alpha-BHC	319-84-6	ug/L	(1)	0.29 N	< 5.3 U	0.27 N
alpha-BHC	319-84-6	ug/L	(2)	< 5.3 U	0.28 N	< 5.3 U
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U	< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 17 U	< 17 U	< 0.99 U
beta-BHC	319-85-7	ug/L	(2)	< 0.99 U	< 0.99 U	< 17 U
Bromacil	314-40-9	ug/L	(1)	< 2.9 U	< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 0.0312 U	< 0.0312 U	< 37 U
Chlordane	57-74-9	ug/L	(2)	< 37 U	< 37 U	< 0.0312 U
delta-BHC	319-86-8	ug/L	(1)	0.4 N	0.45 N	0.47 N
Dieldrin	60-57-1	ug/L	(1)	< 0.74 U	< 26 U	< 26 U
Dieldrin	60-57-1	ug/L	(2)	< 26 U	< 0.74 U	< 0.74 U
Endosulfan I	959-98-8	ug/L	(1)	< 23 U	< 0.25 U	< 23 U
Endosulfan I	959-98-8	ug/L	(2)	< 0.25 U	< 23 U	< 0.25 U
Endosulfan II	33213-65-9	ug/L	(1)	< 42 U	< 42 U	< 0.77 U
Endosulfan II	33213-65-9	ug/L	(2)	< 0.77 U	< 0.77 U	< 42 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 50 U	< 50 U	< 50 U
Endosulfan sulfate	1031-07-8	ug/L	(2)	0.03 N	0.04 N	< 0.25 UT
Endrin	72-20-8	ug/L	(1)	< 0.0176 U	< 0.0176 U	< 18 U
Endrin	72-20-8	ug/L	(2)	< 18 U	< 18 U	< 0.0176 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 5 U	< 5 U	< 0.0504 U
Endrin aldehyde	7421-93-4	ug/L	(2)	< 0.0504 U	< 0.0504 U	< 5 U
Endrin ketone	53494-70-5	ug/L	(1)	< 0.25 UT	< 0.25 UT	< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 7.2 U	< 7.2 U	< 0.25 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)	< 0.25 U	0.48	< 7.2 U
Heptachlor	76-44-8	ug/L	(1)	< 38 U	< 38 U	< 38 U
Heptachlor	76-44-8	ug/L	(2)	< 0.25 U	< 0.25 U	< 0.25 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 0.63 U	< 28 U	< 0.63 U
Heptachlor epoxide	1024-57-3	ug/L	(2)	< 28 U	< 0.63 U	< 28 U
Isodrin	465-73-6	ug/L	(1)	< 7.8 U	< 7.8 U	< 0.25 U
Isodrin	465-73-6	ug/L	(2)	< 0.25 U	< 0.25 U	< 7.8 U
Malathion	121-75-5	ug/L	(1)	< 21 U	< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 0.075 U	< 0.075 U	< 0.075 U
Methoxychlor	72-43-5	ug/L	(2)	< 11 U	< 11 U	< 11 U
Mirex	2385-85-5	ug/L	(1)	< 24 U	< 24 U	< 24 U
Parathion	56-38-2	ug/L	(1)	< 37 U	< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U	< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U	< 5.3 U	< 5.3 U
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U	< 15 U	< 15 U
Supona	470-90-6	ug/L	(1)	< 19 U	< 19 U	< 19 U
Toxaphene	8001-35-2	ug/L	(1)	< 1.64 U	< 1.64 U	< 1.64 U
Vapona	62-73-7	ug/L	(1)	< 8.5 U	< 8.5 U	< 8.5 U
Radiological						
Cesium-134	13967-70-9	pCi/L	(1)	< 6.83 U	< 7.84 U	< 8 U
Cesium-137	10045-97-3	pCi/L	(1)	< 7.34 U	< 8.11 U	< 7.9 U
Cobalt-60	10198-40-0	pCi/L	(1)	< 8.39 U	< 9.52 U	< 9.1 U
Gross alpha	12587-46-1	pCi/L	(1)	2.42	5.1	0.46
Gross beta	12587-47-2	pCi/L	(1)	4.2	6.5	0.47
Total Uranium	7440-61-1 U	ug/L	(1)	< 0.11 U	< 0.11 U	< 0.11 U
Zinc-65	13982-39-3	pCi/L	(1)	< 17.3 U	< 18.4 U	< 16 U

			Site Name	45	45	45
			Location ID	D-SWBG-32	D-SWBG-32	D-SWBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval			
			Sample ID	SWBG-32(19931101)	SWBG-32DUP(19931101)	SWBS-21(19931027)
			Sample Matrix	WS	WS	WS
Chemical Name	CAS No	Unit	ValueNo			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U	< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U	< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)	< 3.4 U	< 3.4 U	< 3.4 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U	< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U	< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U	< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U	< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U	< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U	< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U	< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.6 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U	< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U	< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U	< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U	< 15 U	< 15 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U	< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U	< 8.5 U	< 8.5 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U	< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#	< 2.8 U#	< 2.8 U#
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U	< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U
Anthracene	120-12-7	ug/L	(1)	< 5.2 U	< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U	< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U	< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U	< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	< 10 U
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U	< 4 U	< 4 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U	< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U	< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U	< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U	< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U	< 28 U	< 28 U
Chrysene	218-01-9	ug/L	(1)	< 7.4 U	< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U	< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U	< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U	< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U	< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U	< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U	< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U	< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.5 U
Fluoranthene	206-44-0	ug/L	(1)	< 24 U	< 24 U	< 24 U
Fluorene	86-73-7	ug/L	(1)	< 9.2 U	< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U	< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U	< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U	< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U	< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U	< 21 U	< 21 U
Isophorone	78-59-1	ug/L	(1)	< 2.4 U	< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U	< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U	< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U	< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U	< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U	< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)	< 2.2 U	< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L	(1)	< 17 U	< 17 U	< 17 U

			Site Name	45	45	45
			Location ID	D-SWBG-32	D-SWBG-32	D-SWBS-21
			Sample Date	11/1/1993	11/1/1993	10/27/1993
			Depth Interval			
			Sample ID	SWBG-32(19931101)	SWBG-32DUP(19931101)	SWBS-21(19931027)
			Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
TPH						
Total Petroleum Hydrocarbons	TPH	ug/L	(1)	< 100 U	< 100 U	< 100 U
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U	< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U	< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U	< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U	< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U	< 3.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	< 1.4 U	< 1.4 U
Acetone	67-64-1	ug/L	(1)	< 8 U	< 8 U	< 8 U
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U	< 8.4 U
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U	< 11 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U	< 14 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U	< 8 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U	< 1.2 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U	< 12 U	< 12 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U	< 1 U
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U	< 12 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U	< 2 U
WetChem						
Cyanide	57-12-5	ug/L	(1)	< 5 U	< 5 U	< 5 UJ
Hardness	HARDNESS	ug/L	(1)	56100	54900	70000

		Site Name	47	47
		Location ID	I-47-MW-001	I-47-MW-002
		Sample Date	10/23/1996	10/29/1996
		Depth Interval	31.78 - 41.78	36.66 - 46.66
		Sample ID	47MW-1(19961023)	47MW-2(19961029)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 R	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U
Metals				
Aluminum	7429-90-5	ug/L	35.3	249
Antimony	7440-36-0	ug/L	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U	< 1 U
Barium	7440-39-3	ug/L	9.47	128
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U
Boron	7440-42-8	ug/L	70.8	155
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	19700	19600
Chromium	7440-47-3	ug/L	< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U
Copper	7440-50-8	ug/L	< 5 U	12
Iron	7439-89-6	ug/L	< 36.8 U	36400
Lead	7439-92-1	ug/L	6.19	16.8
Magnesium	7439-95-4	ug/L	5600	8410
Manganese	7439-96-5	ug/L	10.6	861
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	2740	2050
Selenium	7782-49-2	ug/L	< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	61900	12700
Strontium	7440-24-6	ug/L	170	173
Thallium	7440-28-0	ug/L	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	< 2 U	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U
PCBs				
Aroclor 1016	12674-11-2	ug/L	< 0.16 U	< 0.16 U
Aroclor 1221	11104-28-2	ug/L	< 0.16 UT	< 0.16 UT
Aroclor 1232	11141-16-5	ug/L	< 0.16 UT	< 0.16 UT
Aroclor 1242	53469-21-9	ug/L	< 0.19 UT	< 0.19 UT
Aroclor 1248	12672-29-6	ug/L	< 0.19 UT	< 0.19 UT
Aroclor 1254	11097-69-1	ug/L	< 0.19 UT	< 0.19 UT
Aroclor 1260	11096-82-5	ug/L	< 0.19 U	< 0.19 U
Pesticides				
4,4'-DDD	72-54-8	ug/L	< 0.0233 U	< 0.0233 U
4,4'-DDE	72-55-9	ug/L	< 0.027 U	< 0.027 U
4,4'-DDT	50-29-3	ug/L	< 0.034 U	< 0.034 U
Aldrin	309-00-2	ug/L	< 0.0918 U	< 0.0918 R
alpha-BHC	319-84-6	ug/L	< 0.0385 U	< 0.0385 U
alpha-Chlordane	5103-71-9	ug/L	< 0.075 UT	< 0.075 UT
beta-BHC	319-85-7	ug/L	< 0.024 U	< 0.024 U
delta-BHC	319-86-8	ug/L	< 0.0293 U	< 0.0293 U
Diazinon	333-41-5	ug/L	< 0.188 UT	< 0.188 UT
Dieldrin	60-57-1	ug/L	< 0.024 U	< 0.024 U
Endosulfan I	959-98-8	ug/L	< 0.023 U	< 0.023 U
Endosulfan II	33213-65-9	ug/L	< 0.023 U	< 0.023 U
Endosulfan sulfate	1031-07-8	ug/L	< 0.0786 U	< 0.0786 U
Endrin	72-20-8	ug/L	< 0.0238 U	< 0.0238 U
Endrin aldehyde	7421-93-4	ug/L	< 0.0285 U	< 0.0285 U
Endrin ketone	53494-70-5	ug/L	< 0.0285 UT	< 0.0285 UT
gamma-BHC (Lindane)	58-89-9	ug/L	< 0.0507 U	< 0.0507 U
gamma-Chlordane	5103-74-2	ug/L	< 0.075 UT	< 0.075 UT

		Site Name	47	47
		Location ID	I-47-MW-001	I-47-MW-002
		Sample Date	10/23/1996	10/29/1996
		Depth Interval	31.78 - 41.78	36.66 - 46.66
		Sample ID	47MW-1(19961023)	47MW-2(19961029)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Heptachlor	76-44-8	ug/L	< 0.0423 U	< 0.0423 UJ
Heptachlor epoxide	1024-57-3	ug/L	< 0.0245 U	< 0.0245 U
Isodrin	465-73-6	ug/L	< 0.0562 U	< 0.0562 R
Malathion	121-75-5	ug/L	< 0.188 UT	< 0.188 UT
Methoxychlor	72-43-5	ug/L	< 0.057 U	< 0.057 U
Mirex	2385-85-5	ug/L	< 0.025 U	< 0.025 U
Toxaphene	8001-35-2	ug/L	< 1.35 U	< 1.35 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U	< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U	< 0.5 U

		Site Name	47	47
		Location ID	I-47-MW-001	I-47-MW-002
		Sample Date	10/23/1996	10/29/1996
		Depth Interval	31.78 - 41.78	36.66 - 46.66
		Sample ID	47MW-1(19961023)	47MW-2(19961029)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Phenol	108-95-2	ug/L	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U	< 2.8 U
TPH				
Diesel Range Organics	DRO	ug/L	< 340 U	< 340 U
Gasoline range organics	GRO	ug/L	< 340 U	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U	< 340 U
TRPH	TRPH	ug/L	< 176 U	< 192 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	4.4	2.8
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U
WetChem				
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U

Historic Analytical Results for Soil Samples at PICA 075/Site 47

Chemical Name	CAS No	Site Name	47	47	47	47	47	47	47
		Location ID	I-47-MW-001	I-47-MW-001	I-47-MW-002	I-47-MW-002	I-47-MW-002	I-47-SB-001	I-47-SB-001
		Sample Date	4/29/1996	5/2/1996	5/3/1996	5/3/1996	5/3/1996	5/13/1996	5/13/1996
		Depth Interval	0 - 2	15 - 17	0 - 2	0 - 2	5 - 7	0 - 2	5 - 7
		Sample ID	47MW-1A(0-2)	47MW-1D(15-17)	47MW-2A(0-2)	47MW-2ADUP(0-2)	47MW-2B(5-7)	47SB-1A(0-2)	47SB-1B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Metals									
Aluminum	7429-90-5	mg/kg	16400	14400	8380	11300	4980	13800	8540
Antimony	7440-36-0	mg/kg	0.21	< 0.1 U	< 0.1 U	< 0.1 U	1.57	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	14.3	< 0.25 U	4.97	6.44	8.11	4.56	4.27
Barium	7440-39-3	mg/kg	463	45	67.8	95	276	276	72.1
Beryllium	7440-41-7	mg/kg	1.08	1.68	< 0.5 U	0.69	< 0.5 U	1.21	1.09
Boron	7440-42-8	mg/kg	21.8	< 5.91 U	< 5.91 U	10.6	11	14.6	13.8
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	1.29	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	43800	2650	6470	21800	22400	25700	4820
Chromium	7440-47-3	mg/kg	10.2	6.98	15.5	18.1	36.9	26.9	22.6
Cobalt	7440-48-4	mg/kg	8.08	9.12	5.55	5.45	16.5	7.08	8.21
Copper	7440-50-8	mg/kg	19.4	18.2	19.2	16.1	134	21.8	56.3
Iron	7439-89-6	mg/kg	33600	22000	16400	16600	31200	16100	15600
Lead	7439-92-1	mg/kg	25.4	0.91	27.7	25.4	269	91.2	92.8
Magnesium	7439-95-4	mg/kg	24300	3800	4260	5620	5230	8210	3230
Manganese	7439-96-5	mg/kg	6100	240	523	850	6800	2140	435
Mercury	7439-97-6	mg/kg	< 0.05 U	< 0.05 U	0.33	0.46	< 0.05 U	0.14	0.5
Nickel	7440-02-0	mg/kg	14.4	6.03	12.3	12.4	51.4	17.5	25.4
Potassium	7440-09-7	mg/kg	8530	745	726	918	779	1240	742
Selenium	7782-49-2	mg/kg	4.06	1.54	0.83	1.27	1.56	1.36	0.75
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	1560	541	394	478	487	844	529
Strontium	7440-24-6	mg/kg	60	15.7	36	63	50	99	25
Thallium	7440-28-0	mg/kg	0.19	< 0.1 U	0.13	0.14	< 0.1 U	0.14	< 0.1 U
Titanium	7440-32-6	mg/kg	1130	894	452	572	570	784	230
Vanadium	7440-62-2	mg/kg	36.1	25.7	19.9	24.7	32	29.2	18.7
Zinc	7440-66-6	mg/kg	76.2	37.6	55.3	56.3	269	191	223
Zirconium	7440-67-7	mg/kg	5.7	< 2.5 U	6.35	13.4	5.03	12.1	< 2.5 U
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U	< 0.0666 U					
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT	< 0.082 UT					
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT	< 0.082 UT					
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT	< 0.082 UT					
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT	< 0.082 UT					
Aroclor 1254	11097-69-1	mg/kg	< 0.082 UT	< 0.082 UT					
Aroclor 1260	11096-82-5	mg/kg	< 0.0804 U	< 0.0804 U					
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-MW-001	I-47-MW-001	I-47-MW-002	I-47-MW-002	I-47-MW-002	I-47-SB-001	I-47-SB-001
		Sample Date	4/29/1996	5/2/1996	5/3/1996	5/3/1996	5/3/1996	5/13/1996	5/13/1996
		Depth Interval	0 - 2	15 - 17	0 - 2	0 - 2	5 - 7	0 - 2	5 - 7
		Sample ID	47MW-1A(0-2)	47MW-1D(15-17)	47MW-2A(0-2)	47MW-2ADUP(0-2)	47MW-2B(5-7)	47SB-1A(0-2)	47SB-1B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	0.06	< 0.033 U	< 0.033 U	0.1
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	0.6
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.8
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.8
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	0.2	0.12	< 0.066 U	< 0.066 U	0.6
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	< 0.12 U	0.22	< 0.12 U	< 0.12 U	0.9
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	0.9	< 0.068 U	0.3	0.39	< 0.068 U	< 0.068 U	1
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-MW-001	I-47-MW-001	I-47-MW-002	I-47-MW-002	I-47-MW-002	I-47-SB-001	I-47-SB-001
		Sample Date	4/29/1996	5/2/1996	5/3/1996	5/3/1996	5/3/1996	5/13/1996	5/13/1996
		Depth Interval	0 - 2	15 - 17	0 - 2	0 - 2	5 - 7	0 - 2	5 - 7
		Sample ID	47MW-1A(0-2)	47MW-1D(15-17)	47MW-2A(0-2)	47MW-2ADUP(0-2)	47MW-2B(5-7)	47SB-1A(0-2)	47SB-1B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.2	< 0.033 U	0.1	0.22	0.9	< 0.033 U	0.4
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	0.9	< 0.033 U	0.3	0.36	2	< 0.033 U	1
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	27.9	< 8.24 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U		< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U		< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U		< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U		< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U		< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U		< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U		< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U		< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U		< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U		< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U		< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U		< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U		< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U		< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.58	< 0.59 U	< 0.59 U	< 0.59 U		< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	1.3	1.47	< 0.92 U	3.54	< 0.92 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SS-001A
		Sample Date	5/10/1996	5/10/1996	5/13/1996	5/13/1996	5/13/1996	5/13/1996	12/21/1995
		Depth Interval	1 - 3	5 - 7	1 - 3	10 - 12	5 - 7	5 - 7	0 - 1
		Sample ID	47SB-2AA(1-3)	47SB-2AB(5-7)	47SB-2BA(1-3)	47SB-2CC(10-12)	47SB-2BB(5-7)	47SB-2CB(5-7)	47SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Metals									
Aluminum	7429-90-5	mg/kg	15400	13000	13300	9170	17500	15400	15800
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	4.22	3.85	4.79	4.33	4.39	2.03	7.72
Barium	7440-39-3	mg/kg	45.4	36.1	102	47.6	60.1	51.9	195
Beryllium	7440-41-7	mg/kg	0.8	0.92	1.2	0.75	0.75	0.82	1.2
Boron	7440-42-8	mg/kg	8.01	7.48	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	10.9
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	1010	2030	2390	3490	1010	775	7780
Chromium	7440-47-3	mg/kg	14.4	13.8	11.7	12	48.6	13.8	17
Cobalt	7440-48-4	mg/kg	8.71	10.7	8.39	6.94	9.33	8.03	11.5
Copper	7440-50-8	mg/kg	12.7	15.7	17.8	25.7	82	19.4	51.7
Iron	7439-89-6	mg/kg	22900	25000	25300	17800	25100	21200	36200
Lead	7439-92-1	mg/kg	6.43	5.51	275	37.7	26.9	4.22	254
Magnesium	7439-95-4	mg/kg	2280	2550	2280	2480	2420	2200	5120
Manganese	7439-96-5	mg/kg	150	159	712	345	228	219	2130
Mercury	7439-97-6	mg/kg	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.07
Nickel	7440-02-0	mg/kg	11.7	11.9	8.86	9.24	13.9	9.93	19.8
Potassium	7440-09-7	mg/kg	642	861	768	912	583	536	1650
Selenium	7782-49-2	mg/kg	0.99	0.71	1.52	1.15	1.02	0.65	< 0.25 UJ
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	392	471	625	717	532	863	496
Strontium	7440-24-6	mg/kg	24	24	26.9	17.8	12	5.93	47 J
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	0.18	0.12	< 0.1 U	< 0.1 U	0.18
Titanium	7440-32-6	mg/kg	563	646	455	397	334	275	687
Vanadium	7440-62-2	mg/kg	34.2	37.5	31.3	20.7	33.3	30.2	47.7
Zinc	7440-66-6	mg/kg	30.4	23.8	149	87.4	62.9	27.7	177
Zirconium	7440-67-7	mg/kg	9.31	8.6	5.65	3.92	6.75	4.14	8.7
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg	< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SS-001A
		Sample Date	5/10/1996	5/10/1996	5/13/1996	5/13/1996	5/13/1996	5/13/1996	12/21/1995
		Depth Interval	1 - 3	5 - 7	1 - 3	10 - 12	5 - 7	5 - 7	0 - 1
		Sample ID	47SB-2AA(1-3)	47SB-2AB(5-7)	47SB-2BA(1-3)	47SB-2CC(10-12)	47SB-2BB(5-7)	47SB-2CB(5-7)	47SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.3
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	1
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	2
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	2
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	3
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U

Chemical Name	CAS No	Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SB-002	I-47-SS-001A
		Sample Date	5/10/1996	5/10/1996	5/13/1996	5/13/1996	5/13/1996	5/13/1996	12/21/1995
		Depth Interval	1 - 3	5 - 7	1 - 3	10 - 12	5 - 7	5 - 7	0 - 1
		Sample ID	47SB-2AA(1-3)	47SB-2AB(5-7)	47SB-2BA(1-3)	47SB-2CC(10-12)	47SB-2BB(5-7)	47SB-2CB(5-7)	47SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
SVOC (continued)									
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	1
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U	< 0.033 U	0.1	< 0.033 U	< 0.033 U	< 0.033 U	2
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	14.4
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 1 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.78	0.01	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-002A	I-47-SS-003A	I-47-SS-004A	I-47-SS-005C	I-47-SS-006A	I-47-SS-007C	I-47-SS-008A
		Sample Date	12/21/1995	12/21/1995	12/21/1995	1/2/1996	5/17/1996	5/16/1996	5/16/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	47SS-2A(0-1)	47SS-3A(0-1)	47SS-4A(0-1)	47SS-5C(0-1)	47SS-6A(0-1)	47SS-7C(0-1)	47SS-8A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Metals									
Aluminum	7429-90-5	mg/kg	16900	9630	14200	13800	9260	13100	9990
Antimony	7440-36-0	mg/kg	< 0.1 U	0.32	< 0.1 U	< 0.1 U	0.23	0.27	0.45
Arsenic	7440-38-2	mg/kg	7.47	9.64	5.51	6.34	14.9	6.34	23.9
Barium	7440-39-3	mg/kg	70	45.1	41.1	71.5	250	124	170
Beryllium	7440-41-7	mg/kg	1.32	0.78	1.2	1.02	< 0.5 U	0.8	0.74
Boron	7440-42-8	mg/kg	9.77	8.92	9.29	< 5.91 U	11.7	9.11	10.1
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	1090	5120	697	1190	25200	10100	16000
Chromium	7440-47-3	mg/kg	16.2	12.1	11.6	14.7	8.31	17.9	12.9
Cobalt	7440-48-4	mg/kg	6.69	7.47	3.74	7.76	7.97	7.94	5.25
Copper	7440-50-8	mg/kg	15.3	16.7	11.9	14.2	18.6	57.8	60.9
Iron	7439-89-6	mg/kg	22200	16900	20400	22300	19200	18300	15900
Lead	7439-92-1	mg/kg	43.7	40.2	40.2	28.5	20.8	159	456
Magnesium	7439-95-4	mg/kg	2040	4050	1190	1690	11500	2950	3530
Manganese	7439-96-5	mg/kg	511	412	161	214	3240	666	1500
Mercury	7439-97-6	mg/kg	0.11	0.09	0.09	0.48	< 0.05 UJ	0.13	0.06
Nickel	7440-02-0	mg/kg	12.1	11.5	7.94	8.52	14	15.2	10.6
Potassium	7440-09-7	mg/kg	607	479	394	452	5920	857	703
Selenium	7782-49-2	mg/kg	2.8 J	1.6 J	1.4 J	0.81 J	4.48	1.71	2.25
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	0.96	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	458	468	455	399	694	480	539
Strontium	7440-24-6	mg/kg	17.3 J	14.8 J	14.3 J	17.7 J	15	110	180
Thallium	7440-28-0	mg/kg	0.26	0.23	0.19	0.16	0.16	0.16	0.2
Titanium	7440-32-6	mg/kg	668	429	653	652	965	414	760
Vanadium	7440-62-2	mg/kg	40.8	27.6	36.2	33.9	21.2	27.2	19.8
Zinc	7440-66-6	mg/kg	134	44.3	47.7	37.3	61.9	125	275
Zirconium	7440-67-7	mg/kg	4.23	< 2.5 U	3.59	8.62	6.99	4.91	13.4
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-002A	I-47-SS-003A	I-47-SS-004A	I-47-SS-005C	I-47-SS-006A	I-47-SS-007C	I-47-SS-008A
		Sample Date	12/21/1995	12/21/1995	12/21/1995	1/2/1996	5/17/1996	5/16/1996	5/16/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	47SS-2A(0-1)	47SS-3A(0-1)	47SS-4A(0-1)	47SS-5C(0-1)	47SS-6A(0-1)	47SS-7C(0-1)	47SS-8A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	1
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	4
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.1	< 0.033 U	0.5
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.1	0.1	7
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	0.21	< 0.17 U	0.6	0.4	10
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.7	< 0.25 U	20
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	1	0.8	20
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	9
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	0.09	0.18	< 0.066 U	0.3	0.2	5
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	4
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	0.38	< 0.12 U	1	0.5	20
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	2
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	2
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U	0.21	0.51	0.7	1	0.9	40
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	4
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	10
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	2
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	47 I-47-SS-002A 12/21/1995 0 - 1 47SS-2A(0-1) SO	47 I-47-SS-003A 12/21/1995 0 - 1 47SS-3A(0-1) SO	47 I-47-SS-004A 12/21/1995 0 - 1 47SS-4A(0-1) SO	47 I-47-SS-005C 1/2/1996 0 - 1 47SS-5C(0-1) SO	47 I-47-SS-006A 5/17/1996 0 - 1 47SS-6A(0-1) SO	47 I-47-SS-007C 5/16/1996 0 - 1 47SS-7C(0-1) SO	47 I-47-SS-008A 5/16/1996 0 - 1 47SS-8A(0-1) SO
SVOC (continued)									
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U	0.09	0.16	0.4	0.6	0.4	30
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U	0.18	0.53	0.6	2	0.9	40
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8.24 U	< 8.24 U	126
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8.3 U	< 8.3 U	< 8.3 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	0.03	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-008A	I-47-SS-009	I-47-SS-009	I-47-SS-009A	I-47-SS-010A	I-47-SS-010A	I-47-SS-011
		Sample Date	5/16/1996	5/4/2001	6/4/2001	5/16/1996	5/4/2001	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1	4 - 5	0 - 1	0 - 1	4 - 5	0 - 1
		Sample ID	47SS-8ADUP(0-1)	47SS-9A(0-1)-120501	47SS-9E(4-5)	47SS-9A(0-1)-129055	47SS-10A(0-1)	47SS-10E(4-5)	47SS-11A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Metals									
Aluminum	7429-90-5	mg/kg	8380			7930			
Antimony	7440-36-0	mg/kg	0.52			< 0.1 U			
Arsenic	7440-38-2	mg/kg	22.6			2.72			
Barium	7440-39-3	mg/kg	110			42.4			
Beryllium	7440-41-7	mg/kg	< 0.5 U			0.7			
Boron	7440-42-8	mg/kg	10.6			< 5.91 U			
Cadmium	7440-43-9	mg/kg	< 0.7 U			< 0.7 U			
Calcium	7440-70-2	mg/kg	18300			2970			
Chromium	7440-47-3	mg/kg	10.2			8.18			
Cobalt	7440-48-4	mg/kg	5.3			6.31			
Copper	7440-50-8	mg/kg	45.6			14.6			
Iron	7439-89-6	mg/kg	12600			14400			
Lead	7439-92-1	mg/kg	199			34.5			
Magnesium	7439-95-4	mg/kg	3550			2900			
Manganese	7439-96-5	mg/kg	992			194			
Mercury	7439-97-6	mg/kg	< 0.05 U			< 0.05 U			
Nickel	7440-02-0	mg/kg	9.34			6.68			
Potassium	7440-09-7	mg/kg	466			590			
Selenium	7782-49-2	mg/kg	1.84			0.98			
Silver	7440-22-4	mg/kg	< 0.589 U			< 0.589 U			
Sodium	7440-23-5	mg/kg	440			420			
Strontium	7440-24-6	mg/kg	120			14			
Thallium	7440-28-0	mg/kg	0.16			< 0.1 U			
Titanium	7440-32-6	mg/kg	605			544			
Vanadium	7440-62-2	mg/kg	15.2			19.2			
Zinc	7440-66-6	mg/kg	226			41.3			
Zirconium	7440-67-7	mg/kg	11.8			4.69			
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U			< 0.25 U			
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U			< 0.24 U			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U			< 0.04 U			
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U			< 0.11 U			
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U			< 0.13 U			
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U			< 0.098 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U			< 0.1 U			
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U			< 0.17 U			
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U			< 0.18 U			
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U			< 0.69 U			
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U			< 1.2 U			
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U			< 0.036 U			

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-008A	I-47-SS-009	I-47-SS-009	I-47-SS-009A	I-47-SS-010A	I-47-SS-010A	I-47-SS-011
		Sample Date	5/16/1996	5/4/2001	6/4/2001	5/16/1996	5/4/2001	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1	4 - 5	0 - 1	0 - 1	4 - 5	0 - 1
		Sample ID	47SS-8ADUP(0-1)	47SS-9A(0-1)-120501	47SS-9E(4-5)	47SS-9A(0-1)-129055	47SS-10A(0-1)	47SS-10E(4-5)	47SS-11A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U			< 0.06 U			
2-Methylnaphthalene	91-57-6	mg/kg	0.9			< 0.049 U			
2-Methylphenol	95-48-7	mg/kg	< 0.029 U			< 0.029 U			
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U			< 0.062 U			
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U			< 0.14 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U			< 6.3 U			
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U			< 0.45 U			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U			< 0.55 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U			< 0.033 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U			< 0.095 U			
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U			< 0.81 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U			< 0.033 U			
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#			< 0.24 U#			
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U			< 0.41 U			
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U			< 1.4 U			
Acenaphthene	83-32-9	mg/kg	3	< 0.36 U	< 0.38 U	0.05	< 0.37 U	< 0.39 U	< 0.35 U
Acenaphthylene	208-96-8	mg/kg	0.4	< 0.36 U	< 0.38 U	< 0.033 U	< 0.37 U	< 0.39 U	< 0.35 U
Aniline	62-53-3	mg/kg	< 0.65 U			< 0.65 U			
Anthracene	120-12-7	mg/kg	6	< 0.36 U	< 0.38 U	0.11	< 0.37 U	< 0.39 U	< 0.35 U
Benz(a)anthracene	56-55-3	mg/kg	10	0.13 J	< 0.38 U	0.37	0.19 J	< 0.39 U	0.23 J
Benzo(a)pyrene	50-32-8	mg/kg	10	< 0.36 U	< 0.38 U	0.45	0.17 J	< 0.39 U	0.32 J
Benzo(b)fluoranthene	205-99-2	mg/kg	10	0.12 J	< 0.38 U	0.65	0.21 J	< 0.39 U	0.3 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	5	< 0.36 U	< 0.38 U	0.27	0.12 J	< 0.39 U	0.25 J
Benzo(k)fluoranthene	207-08-9	mg/kg	3	< 0.36 U	< 0.38 U	0.17	< 0.37 U	< 0.39 U	< 0.35 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U			< 0.19 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U			< 0.059 U			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U			< 0.033 U			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U			< 0.2 U			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U			< 0.62 U			
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U			< 0.17 U			
Carbazole	86-74-8	mg/kg	3			< 0.14 U			
Chrysene	218-01-9	mg/kg	10	< 0.36 U	< 0.38 U	0.45	0.18 J	< 0.39 U	0.26 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	1	< 0.36 U	< 0.38 U	< 0.21 U	< 0.37 U	< 0.39 U	< 0.35 U
Dibenzofuran	132-64-9	mg/kg	2			< 0.035 U			
Diethylphthalate	84-66-2	mg/kg	< 0.24 U			< 0.24 U			
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U			< 0.17 U			
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U			< 0.061 U			
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U			< 0.19 U			
Diphenylamine	122-39-4	mg/kg	< 0.13 U			< 0.13 U			
Fluoranthene	206-44-0	mg/kg	30	0.14 J	< 0.38 U	0.98	0.28 J	< 0.39 U	0.47
Fluorene	86-73-7	mg/kg	3	< 0.36 U	< 0.38 U	0.05	< 0.37 U	< 0.39 U	< 0.35 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U			< 0.033 U			
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U			< 0.23 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U			< 6.2 U			
Hexachloroethane	67-72-1	mg/kg	< 0.15 U			< 0.15 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	6	< 0.36 U	< 0.38 U	< 0.29 U	< 0.37 U	< 0.39 U	0.2 J
Isophorone	78-59-1	mg/kg	< 0.033 U			< 0.033 U			
Naphthalene	91-20-3	mg/kg	2	< 0.36 U	< 0.38 U	< 0.037 U	< 0.37 U	< 0.39 U	< 0.35 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U			< 0.2 U			

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-008A	I-47-SS-009	I-47-SS-009	I-47-SS-009A	I-47-SS-010A	I-47-SS-010A	I-47-SS-011
		Sample Date	5/16/1996	5/4/2001	6/4/2001	5/16/1996	5/4/2001	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1	4 - 5	0 - 1	0 - 1	4 - 5	0 - 1
		Sample ID	47SS-8ADUP(0-1)	47SS-9A(0-1)-120501	47SS-9E(4-5)	47SS-9A(0-1)-129055	47SS-10A(0-1)	47SS-10E(4-5)	47SS-11A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U			< 0.19 U			
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U			< 1.3 U			
Phenanthrene	85-01-8	mg/kg	20	< 0.36 U	< 0.38 U	0.51	< 0.37 U	< 0.39 U	< 0.35 U
Phenol	108-95-2	mg/kg	< 0.11 U			< 0.11 U			
Pyrene	129-00-0	mg/kg	30	0.19 J	< 0.38 U	0.99	0.33 J	< 0.39 U	0.55
TPH									
Diesel Fuel	68334-30-5	mg/kg	141			14.1			
Gasoline range organics	GRO	mg/kg	< 8.3 U			< 8.3 U			
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U			< 8 U			
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U			< 0.44 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U			< 0.82 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U			< 0.54 U			
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U			< 0.23 U			
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U			< 0.39 U			
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U			< 0.17 U			
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U			< 0.3 U			
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U			< 0.29 U			
2-Butanone	78-93-3	mg/kg	< 0.07 U			< 0.07 U			
2-Hexanone	591-78-6	mg/kg	< 0.032 U			< 0.032 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U			< 0.027 U			
Acetone	67-64-1	mg/kg	< 0.017 U			< 0.017 U			
Acetonitrile	75-05-8	mg/kg	< 0.23 U			< 0.23 U			
Benzene	71-43-2	mg/kg	< 0.15 U			< 0.15 U			
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U			< 0.29 U			
Bromoform	75-25-2	mg/kg	< 0.69 U			< 0.69 U			
Bromomethane	74-83-9	mg/kg	< 0.57 U			< 0.57 U			
Carbon disulfide	75-15-0	mg/kg	< 0.44 U			< 0.44 U			
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U			< 0.7 U			
Chlorobenzene	108-90-7	mg/kg	< 0.086 U			< 0.086 U			
Chloroethane	75-00-3	mg/kg	< 0.012 U			< 0.012 U			
Chloroform	67-66-3	mg/kg	< 0.087 U			< 0.087 U			
Chloromethane	74-87-3	mg/kg	< 0.88 U			< 0.88 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U			< 0.32 U			
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U			< 0.31 U			
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U			< 0.014 U			
Ethanol	64-17-5	mg/kg	< 3.7 U			< 3.7 U			
Ethyl benzene	100-41-4	mg/kg	< 0.17 U			< 0.17 U			
Isopropanol	67-63-0	mg/kg	< 0.79 U			< 0.79 U			
Methylene chloride	75-09-2	mg/kg	< 0.012 U			< 0.012 U			
Styrene	100-42-5	mg/kg	< 0.26 U			< 0.26 U			
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U			< 0.5 U			
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U			< 0.081 U			
Toluene	108-88-3	mg/kg	< 0.078 U			< 0.078 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U			< 0.28 U			
Trichloroethene	79-01-6	mg/kg	< 0.28 U			< 0.28 U			
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U			< 0.59 U			
Vinyl acetate	108-05-4	mg/kg	< 0.032 U			< 0.032 U			
Vinyl chloride	75-01-4	mg/kg	< 0.62 U			< 0.62 U			
Xylenes	1330-20-7	mg/kg	< 0.15 U			< 0.15 U			
WetChem									
% Solids	%Solid	%		92.8	86		88.3	84.4	93
Cyanide	57-12-5	mg/kg	< 0.92 U			< 0.92 U			

Historic Analytical Results for Soil Samples at PICA 075/Site 47

Chemical Name	CAS No	Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-011	I-47-TP-001	I-47-TP-001	I-47-TP-001	I-47-TP-002	I-47-TP-002	I-47-TP-002
		Sample Date	5/4/2001	11/13/1996	11/13/1996	11/13/1996	11/13/1996	11/13/1996	11/13/1996
		Depth Interval	4 - 5	.5 - 1	3 - 3.5	4 - 4.5	.5 - 1	2.6 - 3.5	5.2 - 5.7
		Sample ID	47SS-11E(4-5)	47TP-1A(0.5-1)	47TP-1B(3-3.5)	47TP-1C(4-4.5)	47TP-2A(0.5-1)	47TP-2B(2.6-3.5)	47TP-2C(5.2-5.7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Metals									
Aluminum	7429-90-5	mg/kg		9120	9250	16100	10300	10800	15800
Antimony	7440-36-0	mg/kg		0.31	< 0.1 U	< 0.1 U	0.77	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg		7.16	4.87	5.98	8.17	2.81	6.38
Barium	7440-39-3	mg/kg		77.2	57.6	52.4	161	47	52.1
Beryllium	7440-41-7	mg/kg		1.16	1.54	2.09	2.64	1.99	3.47
Boron	7440-42-8	mg/kg		< 5.91 U	< 5.91 U	< 5.91 U	15	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg		< 0.7 U	< 0.7 U	< 0.7 U	1.5	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg		4050	2190	1520	55500	1200	1410
Chromium	7440-47-3	mg/kg		9.12	9.97	18.7	8.8	13	16.8
Cobalt	7440-48-4	mg/kg		6.01	5.62	9.15	5.38	7.45	6.99
Copper	7440-50-8	mg/kg		62	10.3	14.9	64.9	11.2	17.1
Iron	7439-89-6	mg/kg		15100	14400	25500	27900	21800	31100
Lead	7439-92-1	mg/kg		200	100	16.8	412	7.33	9.3
Magnesium	7439-95-4	mg/kg		2010	1590	3020	9140	1790	2490
Manganese	7439-96-5	mg/kg		471	279	241	1140	150	162
Mercury	7439-97-6	mg/kg		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg		7.32	6.55	11.8	8.84	6.73	7.97
Potassium	7440-09-7	mg/kg		508	462	760	500	510	1050
Selenium	7782-49-2	mg/kg		0.6	1.05	1.12	1.22	0.86	0.91
Silver	7440-22-4	mg/kg		< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	0.87
Sodium	7440-23-5	mg/kg		325	308	315	613	295	344
Strontium	7440-24-6	mg/kg		41	32	36	150	23.5	30
Thallium	7440-28-0	mg/kg		0.19	0.27	0.38	0.17	0.19	0.31
Titanium	7440-32-6	mg/kg		557	773	990	596	777	1080
Vanadium	7440-62-2	mg/kg		21.9	22.9	41.3	33.2	34	53.7
Zinc	7440-66-6	mg/kg		246	33.2	34.8	775	21.2	27
Zirconium	7440-67-7	mg/kg		5.6	< 2.5 U	14.8	16.5	8.14	14.9
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							
Pesticides									
Mirex	2385-85-5	mg/kg							
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg							
1,2,4-Trichlorobenzene	120-82-1	mg/kg							
1,2-Dichlorobenzene	95-50-1	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg							
2,4,5-Trichlorophenol	95-95-4	mg/kg							
2,4,6-Trichlorophenol	88-06-2	mg/kg							
2,4-Dichlorophenol	120-83-2	mg/kg							
2,4-Dimethylphenol	105-67-9	mg/kg							
2,4-Dinitrophenol	51-28-5	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg							

		Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-011	I-47-TP-001	I-47-TP-001	I-47-TP-001	I-47-TP-002	I-47-TP-002	I-47-TP-002
		Sample Date	5/4/2001	11/13/1996	11/13/1996	11/13/1996	11/13/1996	11/13/1996	11/13/1996
		Depth Interval	4 - 5	.5 - 1	3 - 3.5	4 - 4.5	.5 - 1	2.6 - 3.5	5.2 - 5.7
		Sample ID	47SS-11E(4-5)	47TP-1A(0.5-1)	47TP-1B(3-3.5)	47TP-1C(4-4.5)	47TP-2A(0.5-1)	47TP-2B(2.6-3.5)	47TP-2C(5.2-5.7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
2-Chlorophenol	95-57-8	mg/kg							
2-Methylnaphthalene	91-57-6	mg/kg							
2-Methylphenol	95-48-7	mg/kg							
2-Nitroaniline	88-74-4	mg/kg							
2-Nitrophenol	88-75-5	mg/kg							
3,3'-Dichlorobenzidine	91-94-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							
4-Bromophenyl phenyl ether	101-55-3	mg/kg							
4-Chloro-3-methylphenol	59-50-7	mg/kg							
4-Chloroaniline	106-47-8	mg/kg							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg	< 0.36 U						
Acenaphthylene	208-96-8	mg/kg	< 0.36 U						
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg	0.19 J						
Benz(a)anthracene	56-55-3	mg/kg	0.92						
Benzo(a)pyrene	50-32-8	mg/kg	1.2						
Benzo(b)fluoranthene	205-99-2	mg/kg	1.3						
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.77						
Benzo(k)fluoranthene	207-08-9	mg/kg	0.54						
Benzyl alcohol	100-51-6	mg/kg							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg	1						
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.21 J						
Dibenzofuran	132-64-9	mg/kg							
Diethylphthalate	84-66-2	mg/kg							
Dimethylphthalate	131-11-3	mg/kg							
di-n-Butylphthalate	84-74-2	mg/kg							
di-n-Octylphthalate	117-84-0	mg/kg							
Diphenylamine	122-39-4	mg/kg							
Fluoranthene	206-44-0	mg/kg	2.1						
Fluorene	86-73-7	mg/kg	< 0.36 U						
Hexachlorobenzene	118-74-1	mg/kg							
Hexachlorobutadiene	87-68-3	mg/kg							
Hexachlorocyclopentadiene	77-47-4	mg/kg							
Hexachloroethane	67-72-1	mg/kg							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.71						
Isophorone	78-59-1	mg/kg							
Naphthalene	91-20-3	mg/kg	< 0.36 U						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							

Chemical Name	CAS No	Site Name	47	47	47	47	47	47	47
		Location ID	I-47-SS-011	I-47-TP-001	I-47-TP-001	I-47-TP-001	I-47-TP-002	I-47-TP-002	I-47-TP-002
		Sample Date	5/4/2001	11/13/1996	11/13/1996	11/13/1996	11/13/1996	11/13/1996	11/13/1996
		Depth Interval	4 - 5	.5 - 1	3 - 3.5	4 - 4.5	.5 - 1	2.6 - 3.5	5.2 - 5.7
		Sample ID	47SS-11E(4-5)	47TP-1A(0.5-1)	47TP-1B(3-3.5)	47TP-1C(4-4.5)	47TP-2A(0.5-1)	47TP-2B(2.6-3.5)	47TP-2C(5.2-5.7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
SVOC (continued)									
n-Nitrosodiphenylamine	86-30-6	mg/kg							
Pentachlorophenol	87-86-5	mg/kg							
Phenanthrene	85-01-8	mg/kg	0.61						
Phenol	108-95-2	mg/kg							
Pyrene	129-00-0	mg/kg	1.9						
TPH									
Diesel Fuel	68334-30-5	mg/kg							
Gasoline range organics	GRO	mg/kg							
TPH, aviation gas fraction	50815-00-4	mg/kg							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg							
1,1,2-Trichloroethane	79-00-5	mg/kg							
1,1-Dichloroethane	75-34-3	mg/kg							
1,1-Dichloroethene	75-35-4	mg/kg							
1,2-Dichloroethane	107-06-2	mg/kg							
1,2-Dichloroethene (total)	540-59-0	mg/kg							
1,2-Dichloropropane	78-87-5	mg/kg							
2-Butanone	78-93-3	mg/kg							
2-Hexanone	591-78-6	mg/kg							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg							
Acetone	67-64-1	mg/kg							
Acetonitrile	75-05-8	mg/kg							
Benzene	71-43-2	mg/kg							
Bromodichloromethane	75-27-4	mg/kg							
Bromoform	75-25-2	mg/kg							
Bromomethane	74-83-9	mg/kg							
Carbon disulfide	75-15-0	mg/kg							
Carbon tetrachloride	56-23-5	mg/kg							
Chlorobenzene	108-90-7	mg/kg							
Chloroethane	75-00-3	mg/kg							
Chloroform	67-66-3	mg/kg							
Chloromethane	74-87-3	mg/kg							
cis-1,3-Dichloropropene	10061-01-5	mg/kg							
Dibromochloromethane	124-48-1	mg/kg							
Dichlorodifluoromethane	75-71-8	mg/kg							
Ethanol	64-17-5	mg/kg							
Ethyl benzene	100-41-4	mg/kg							
Isopropanol	67-63-0	mg/kg							
Methylene chloride	75-09-2	mg/kg							
Styrene	100-42-5	mg/kg							
tert-Butylalcohol	75-65-0	mg/kg							
Tetrachloroethene	127-18-4	mg/kg							
Toluene	108-88-3	mg/kg							
trans-1,3-Dichloropropene	10061-02-6	mg/kg							
Trichloroethene	79-01-6	mg/kg							
Trichlorofluoromethane	75-69-4	mg/kg							
Vinyl acetate	108-05-4	mg/kg							
Vinyl chloride	75-01-4	mg/kg							
Xylenes	1330-20-7	mg/kg							
WetChem									
% Solids	%Solid	%	92.6						
Cyanide	57-12-5	mg/kg		< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U

Chemical Name	CAS No	Unit	Sample Matrix	Value	No	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Value	No	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Value	No	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Value	No	Site Name	Location ID	Sample Date	Depth Interval	Sample ID	Sample Matrix	Value	No
						4	BKG-SS-32A	12/14/1999	0 - 1	BKGSS-32A(0-1)	SO			4, Area D	J-4D-EX1-B-1	9/18/2003	4.5 - 4.5	4DEX1-B-1(4.5-4.5)	SO			4, Area D	J-4D-EX1-SWE-1	9/18/2003	3.5 - 3.5	4DEX1-SWE-1(3.5-3.5)	SO			4, Area E	J-4-EX1-B-1	11/23/2004	7 - 7	4EX1-B-1(7-7)	SO		
Alcohol																																			
Ethylene glycol	107-21-1	mg/kg		(1)																															
Explosives																																			
1,3,5-Trinitrobenzene	99-35-4	mg/kg		(1)																															
1,3-Dinitrobenzene	99-65-0	mg/kg		(1)																															
2,4,6-Trinitrotoluene	118-96-7	mg/kg		(1)																															
HMX	2691-41-0	mg/kg		(1)																															
Hydrazine	302-01-2	mg/kg		(1)																															
Monomethyl hydrazine	60-34-4	mg/kg		(1)																															
Nitrobenzene	98-95-3	mg/kg		(1)								< 0.4	U							< 0.41	U							< 0.36	U						
Nitrocellulose	9004-70-0	mg/kg		(1)																															
Nitroglycerin	55-63-0	mg/kg		(1)																															
Nitroguanidine	556-88-7	mg/kg		(1)																															
PETN	78-11-5	mg/kg		(1)																															
Picric Acid	88-89-1	mg/kg		(1)																															
RDX	121-82-4	mg/kg		(1)																															
Tetrazene	14097-21-3	mg/kg		(1)																															
Tetryl	479-45-8	mg/kg		(1)																															
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg		(1)																															
Explosives / SVOC																																			
2,4-Dinitrotoluene	121-14-2	mg/kg		(1)								< 0.4	U							< 0.41	U							< 0.36	U						
2,6-Dinitrotoluene	606-20-2	mg/kg		(1)								< 0.4	U							< 0.41	U							< 0.36	U						
Isotope																																			
Radium-228	15262-20-1	pCi/g		(1)		1.37																													
Metals																																			
Aluminum	7429-90-5	mg/kg		(1)		16500						9690								10800								2490							
Antimony	7440-36-0	mg/kg		(1)		< 1.19	UJ					0.51	J							< 1.2	U							0.81	J						
Arsenic	7440-38-2	mg/kg		(1)		3.82						5.6								3								0.86	J						
Barium	7440-39-3	mg/kg		(1)		35.1	J					46.1								29.3								11.9	J						
Beryllium	7440-41-7	mg/kg		(1)		< 0.593	U					0.55	J							0.57	J							0.07	J						
Boron	7440-42-8	mg/kg		(1)		< 23.7	U																												
Cadmium	7440-43-9	mg/kg		(1)		0.19	J					0.34								0.24	J							0.34							
Calcium	7440-70-2	mg/kg		(1)		270	J					1590								1490								430	J						
Chromium	7440-47-3	mg/kg		(1)		16.2						11.5								12.5								6.5	J						
Cobalt	7440-48-4	mg/kg		(1)		4.56	J					5.4	J							8.7								1.6	J						
Copper	7440-50-8	mg/kg		(1)		7.56						10.3								10.2								4							
Iron	7439-89-6	mg/kg		(1)		18800						15800								14800								5340							
Lead	7439-92-1	mg/kg		(1)		9.96						8.1								11.2								3.1							
Magnesium	7439-95-4	mg/kg		(1)		1200						1940								1460								539	J						
Manganese	7439-96-5	mg/kg		(1)		173						145								241								34.8							
Mercury	7439-97-6	mg/kg		(1)		0.06	J					0.03	J							0.03	J							0.01	J						
Nickel	7440-02-0	mg/kg		(1)		8.31						7.5								7.9								2.6	J						
Potassium	7440-09-7	mg/kg		(1)		337	J					730								447	J							176	J						
Selenium	7782-49-2	mg/kg		(1)		1.15						< 0.61	U							< 0.62	U							0.4	J						
Silver	7440-22-4	mg/kg		(1)		< 0.593	U					< 0.61	U							< 0.62	U							5.8							
Sodium	7440-23-5	mg/kg		(1)		< 593	U					< 606	U							< 620	U							< 545	U						
Strontium	7440-24-6	mg/kg		(1)		2.02	J																												
Thallium	7440-28-0	mg/kg		(1)		< 1.19	U					0.86	J							0.81	J							0.9	J						
Titanium	7440-32-6	mg/kg		(1)		420	J																												
Vanadium	7440-62-2	mg/kg		(1)		33	J					23.8								26.1								6.2							
Zinc	7440-66-6	mg/kg		(1)		28.5	J					62.9								36.4								< 2.2	R						
Zirconium	7440-67-7	mg/kg		(1)		6.24	J																												
PCBs																																			
Aroclor 1016	12674-11-2	mg/kg		(1)																															
Aroclor 1221	11104-28-2	mg/kg		(1)																															
Aroclor 1232	11141-16-5	mg/kg		(1)																															
Aroclor 1242	53469-21-9	mg/kg		(1)																															
Aroclor 1248	12672-29-6	mg/kg		(1)																															
Aroclor 1254	11097-69-1	mg/kg		(1)																															
Aroclor 1260	11096-82-5	mg/kg		(1)																															
Pesticides																																			
Diazinon	333-41-5	mg/kg		(1)																															
Malathion	121-75-5	mg/kg		(1)																															
Mirex	2385-85-5	mg/kg		(1)																															
Radiological																																			
Americium-241	86954-36-1	pCi/g		(1)		< 0.054	U																												
Cesium-137	10045-97-3	pCi/g		(1)		0.09																													
Cobalt-60	10198-40-0	pCi/g		(1)		< 0.041	U																												
Gross Alpha	12587-46-1	pCi/g		(1)		13.8																													
Gross Beta	12587-47-2	pCi/g		(1)		20.2																													
Radium-226	13982-63-3	pCi/g		(1)		0.71	J																												

			Site Name	4	4, Area D	4, Area D	4, Area E
			Location ID	BKG-SS-32A	J-4D-EX1-B-1	J-4D-EX1-SWE-1	J-4-EX1-B-1
			Sample Date	12/14/1999	9/18/2003	9/18/2003	11/23/2004
			Depth Interval	0 - 1	4.5 - 4.5	3.5 - 3.5	7 - 7
			Sample ID	BKGSS-32A(0-1)	4DEX1-B-1(4.5-4.5)	4DEX1-SWE-1(3.5-3.5)	4EX1-B-1(7-7)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Radium-228	15262-20-1	pCi/g	(1)	1.37			
Total Uranium	7440-61-1 U	mg/kg	(1)	1.47			
Uranium-234	13966-29-5	pCi/g	(1)	< 0.09 (U)			
Uranium-235	15117-96-1	pCi/g	(1)	< 0.064 U			
Uranium-238	7440-61-1 U-238	pCi/g	(1)	0.47 J			
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)		0.03 J	< 0.41 U	< 0.36 U
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
2-Nitroaniline	88-74-4	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
3-Nitroaniline	99-09-2	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
4-Nitroaniline	100-01-6	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
Acenaphthene	83-32-9	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Aniline	62-53-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Anthracene	120-12-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Benzyl alcohol	100-51-6	mg/kg	(1)				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 (U)
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Carbazole	86-74-8	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Chrysene	218-01-9	mg/kg	(1)		0.04 J	< 0.41 U	< 0.36 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Diphenylamine	122-39-4	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Fluoranthene	206-44-0	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Fluorene	86-73-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 1.9 U	< 2 U	< 1.7 U
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Isophorone	78-59-1	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Naphthalene	91-20-3	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Phenanthrene	85-01-8	mg/kg	(1)		0.06 J	< 0.41 U	< 0.36 U
Phenol	108-95-2	mg/kg	(1)		< 0.4 U	< 0.41 U	< 0.36 U
Pyrene	129-00-0	mg/kg	(1)		0.04 J	< 0.41 U	< 0.36 U

			Site Name	4	4, Area D	4, Area D	4, Area E
			Location ID	BKG-SS-32A	J-4D-EX1-B-1	J-4D-EX1-SWE-1	J-4-EX1-B-1
			Sample Date	12/14/1999	9/18/2003	9/18/2003	11/23/2004
			Depth Interval	0 - 1	4.5 - 4.5	3.5 - 3.5	7 - 7
			Sample ID	BKGSS-32A(0-1)	4DEX1-B-1(4.5-4.5)	4DEX1-SWE-1(3.5-3.5)	4EX1-B-1(7-7)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
TPH							
Diesel Fuel	68334-30-5	mg/kg	(1)				
Gasoline range organics	GRO	mg/kg	(1)				
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)				
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)				
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)				
TRPH	TRPH	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)		< 3 UD	< 3.1 UD	< 1.2 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)				
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
2-Butanone	78-93-3	mg/kg	(1)		< 32 UD	< 32 UD	< 13 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)		< 16 UD	< 16 UD	< 6.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 16 UD	< 16 UD	< 6.5 U
Acetone	67-64-1	mg/kg	(1)		< 32 UD	< 32 UD	< 13 (U)
Acetonitrile	75-05-8	mg/kg	(1)		< 63 UD	< 64 UD	< 26 R
Benzene	71-43-2	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Bromodichloromethane	75-27-4	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Bromoform	75-25-2	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Bromomethane	74-83-9	mg/kg	(1)		< 3.2 UD	< 3.2 UD	< 1.3 U
Carbon disulfide	75-15-0	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 UJ
Chlorobenzene	108-90-7	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Chloroethane	75-00-3	mg/kg	(1)		< 3.2 UD	< 3.2 UD	< 1.3 U
Chloroform	67-66-3	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Chloromethane	74-87-3	mg/kg	(1)		< 3.2 UD	< 3.2 UD	< 1.3 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Dibromochloromethane	124-48-1	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 3.2 UD	< 3.2 UD	< 1.3 U
Ethanol	64-17-5	mg/kg	(1)				
Ethyl benzene	100-41-4	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Ethylene Oxide	75-21-8	mg/kg	(1)				
Isopropanol	67-63-0	mg/kg	(1)				
Methylene chloride	75-09-2	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 UJ
m-Xylenes	108-38-3	mg/kg	(1)				
o-Xylene	95-47-6	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
tert-Butylalcohol	75-65-0	mg/kg	(1)				
Tetrachloroethene	127-18-4	mg/kg	(1)		0.54 JD	< 1.6 UD	< 0.65 U
Toluene	108-88-3	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 (U)
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
Trichloroethene	79-01-6	mg/kg	(1)		0.3 JD	< 1.6 UD	< 0.65 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 3 UD	< 3.1 UD	< 1.2 U
Vinyl acetate	108-05-4	mg/kg	(1)				
Vinyl chloride	75-01-4	mg/kg	(1)		< 3.2 UD	< 3.2 UD	< 1.3 U
Xylenes	1330-20-7	mg/kg	(1)		< 1.6 UD	< 1.6 UD	< 0.65 U
WetChem							
% Solids	%Solid	%	(1)	< 0.1 DNR	82.5	80.7	91.8
% Solids	%Solid	%	(2)	84.3			
Ammonia	7664-41-7	mg/kg	(1)	0.38 J			
Chloride	16887-00-6	mg/kg	(1)	4.27 J			
Cyanide	57-12-5	mg/kg	(1)				
Fluoride	16984-48-8	mg/kg	(1)	0.59 J			
Nitrate	14797-55-8	mg/kg	(1)	0.23 J			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)				
Nitrite	14797-65-0	mg/kg	(1)	< 5.93 U			
Phosphate	14265-44-2	mg/kg	(1)				
Phosphorus	7723-14-0	mg/kg	(1)	250 JD			
Sulfate	14808-79-8	mg/kg	(1)	22.1 J			
Sulfide	18496-25-8	mg/kg	(1)	< 59 UJ			

Chemical Name	CAS No	Unit	Site Name	4, Area E	4, Area E	4, Area E	4, Area E
			Location ID	J-4-EX1-SWE-1	J-4-EX1-SWN-1	J-4-EX1-SWS-1	J-4-EX1-SWW-1
			Sample Date	11/23/2004	11/23/2004	11/23/2004	11/23/2004
			Depth Interval	6 - 6	6 - 6	6 - 6	6 - 6
			Sample ID	4EX1-SWE-1(6-6)	4EX1-SWN-1(6-6)	4EX1-SWS-1(6-6)	4EX1-SWW-1(6-6)
			Sample Matrix	SO	SO	SO	SO
			ValueNo				
Alcohol							
Ethylene glycol	107-21-1	mg/kg	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)				
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)				
HMX	2691-41-0	mg/kg	(1)				
Hydrazine	302-01-2	mg/kg	(1)				
Monomethyl hydrazine	60-34-4	mg/kg	(1)				
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Nitrocellulose	9004-70-0	mg/kg	(1)				
Nitroglycerin	55-63-0	mg/kg	(1)				
Nitroguanidine	556-88-7	mg/kg	(1)				
PETN	78-11-5	mg/kg	(1)				
Picric Acid	88-89-1	mg/kg	(1)				
RDX	121-82-4	mg/kg	(1)				
Tetrazene	14097-21-3	mg/kg	(1)				
Tetryl	479-45-8	mg/kg	(1)				
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Isotope							
Radium-228	15262-20-1	pCi/g	(1)				
Metals							
Aluminum	7429-90-5	mg/kg	(1)	9190	10900	12200	12800
Antimony	7440-36-0	mg/kg	(1)	1.4 J	0.84 J	0.48 J	1.2 J
Arsenic	7440-38-2	mg/kg	(1)	2.8	3	3.6	3.5
Barium	7440-39-3	mg/kg	(1)	26.4	32.7	38.9	40.2
Beryllium	7440-41-7	mg/kg	(1)	0.27 J	0.38 J	0.38 J	0.37 J
Boron	7440-42-8	mg/kg	(1)				
Cadmium	7440-43-9	mg/kg	(1)	0.03 J	0.58	0.92	< 0.24 U
Calcium	7440-70-2	mg/kg	(1)	297 J	1350	1210	227 J
Chromium	7440-47-3	mg/kg	(1)	38.5 J	72.6 J	57.9 J	34.3 J
Cobalt	7440-48-4	mg/kg	(1)	4.2 J	4.8 J	5.6 J	4.8 J
Copper	7440-50-8	mg/kg	(1)	10.3	17.8	16.3	15.2
Iron	7439-89-6	mg/kg	(1)	12100	16500	16300	15500
Lead	7439-92-1	mg/kg	(1)	7.7	8.5	11.6	12.4
Magnesium	7439-95-4	mg/kg	(1)	1130	1460	1570	1270
Manganese	7439-96-5	mg/kg	(1)	82.6	85.7	116	99.7
Mercury	7439-97-6	mg/kg	(1)	0.13	0.22	0.2	0.25
Nickel	7440-02-0	mg/kg	(1)	7.5	8.1	10	8.6
Potassium	7440-09-7	mg/kg	(1)	281 J	323 J	485 J	316 J
Selenium	7782-49-2	mg/kg	(1)	0.78	0.76	0.89	1.2
Silver	7440-22-4	mg/kg	(1)	74.1	125	37.3	23.3
Sodium	7440-23-5	mg/kg	(1)	< 592 U	< 596 U	< 601 U	< 599 U
Strontium	7440-24-6	mg/kg	(1)				
Thallium	7440-28-0	mg/kg	(1)	0.99 J	1.2	1.1 J	0.97 J
Titanium	7440-32-6	mg/kg	(1)				
Vanadium	7440-62-2	mg/kg	(1)	17.5	21.2	24.2	23.1
Zinc	7440-66-6	mg/kg	(1)	22.5	35.8	54.5	31.4
Zirconium	7440-67-7	mg/kg	(1)				
PCBs							
Aroclor 1016	12674-11-2	mg/kg	(1)				
Aroclor 1221	11104-28-2	mg/kg	(1)				
Aroclor 1232	11141-16-5	mg/kg	(1)				
Aroclor 1242	53469-21-9	mg/kg	(1)				
Aroclor 1248	12672-29-6	mg/kg	(1)				
Aroclor 1254	11097-69-1	mg/kg	(1)				
Aroclor 1260	11096-82-5	mg/kg	(1)				
Pesticides							
Diazinon	333-41-5	mg/kg	(1)				
Malathion	121-75-5	mg/kg	(1)				
Mirex	2385-85-5	mg/kg	(1)				
Radiological							
Americium-241	86954-36-1	pCi/g	(1)				
Cesium-137	10045-97-3	pCi/g	(1)				
Cobalt-60	10198-40-0	pCi/g	(1)				
Gross Alpha	12587-46-1	pCi/g	(1)				
Gross Beta	12587-47-2	pCi/g	(1)				
Radium-226	13982-63-3	pCi/g	(1)				

			Site Name	4, Area E	4, Area E	4, Area E	4, Area E
			Location ID	J-4-EX1-SWE-1	J-4-EX1-SWN-1	J-4-EX1-SWS-1	J-4-EX1-SWW-1
			Sample Date	11/23/2004	11/23/2004	11/23/2004	11/23/2004
			Depth Interval	6 - 6	6 - 6	6 - 6	6 - 6
			Sample ID	4EX1-SWE-1(6-6)	4EX1-SWN-1(6-6)	4EX1-SWS-1(6-6)	4EX1-SWW-1(6-6)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Radium-228	15262-20-1	pCi/g	(1)				
Total Uranium	7440-61-1 U	mg/kg	(1)				
Uranium-234	13966-29-5	pCi/g	(1)				
Uranium-235	15117-96-1	pCi/g	(1)				
Uranium-238	7440-61-1 U-238	pCi/g	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.39 U	< 0.39 U	0.02 J	0.01 J
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	0.02 J	0.01 J	0.01 J	0.02 J
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Aniline	62-53-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Anthracene	120-12-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Benzyl alcohol	100-51-6	mg/kg	(1)				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.39 (U)	0.42	< 0.4 (U)	< 0.4 (U)
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Carbazole	86-74-8	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Chrysene	218-01-9	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.39 U	0.02 J	0.02 J	0.01 J
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Fluorene	86-73-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Isophorone	78-59-1	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Phenol	108-95-2	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U
Pyrene	129-00-0	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.4 U	< 0.4 U

			Site Name	4, Area E	4, Area E	4, Area E	4, Area E
			Location ID	J-4-EX1-SWE-1	J-4-EX1-SWN-1	J-4-EX1-SWS-1	J-4-EX1-SWW-1
			Sample Date	11/23/2004	11/23/2004	11/23/2004	11/23/2004
			Depth Interval	6 - 6	6 - 6	6 - 6	6 - 6
			Sample ID	4EX1-SWE-1(6-6)	4EX1-SWN-1(6-6)	4EX1-SWS-1(6-6)	4EX1-SWW-1(6-6)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
TPH							
Diesel Fuel	68334-30-5	mg/kg	(1)				
Gasoline range organics	GRO	mg/kg	(1)				
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)				
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)				
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)				
TRPH	TRPH	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.73 UJ	< 0.63 UJ	0.03 J	< 0.75 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 1.4 U	< 1.2 U	< 1.3 U	< 1.4 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)				
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
2-Butanone	78-93-3	mg/kg	(1)	< 15 U	< 13 U	< 14 U	< 15 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)	< 7.3 U	< 6.3 U	< 6.8 U	< 7.5 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 7.3 U	< 6.3 U	< 6.8 U	< 7.5 U
Acetone	67-64-1	mg/kg	(1)	< 15 (U)	< 13 (U)	< 14 (U)	< 15 (U)
Acetonitrile	75-05-8	mg/kg	(1)	< 29 R	< 25 R	< 27 R	< 30 R
Benzene	71-43-2	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Bromoform	75-25-2	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Bromomethane	74-83-9	mg/kg	(1)	< 1.5 U	< 1.3 U	< 1.4 U	< 1.5 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.73 UJ	< 0.63 UJ	< 0.68 UJ	< 0.75 UJ
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Chloroethane	75-00-3	mg/kg	(1)	< 1.5 U	< 1.3 U	< 1.4 U	< 1.5 U
Chloroform	67-66-3	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Chloromethane	74-87-3	mg/kg	(1)	< 1.5 U	< 1.3 U	< 1.4 U	< 1.5 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.5 U	< 1.3 U	< 1.4 U	< 1.5 U
Ethanol	64-17-5	mg/kg	(1)				
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Ethylene Oxide	75-21-8	mg/kg	(1)				
Isopropanol	67-63-0	mg/kg	(1)				
Methylene chloride	75-09-2	mg/kg	(1)	< 0.73 UJ	< 0.63 UJ	< 0.68 UJ	< 0.75 UJ
m-Xylenes	108-38-3	mg/kg	(1)				
o-Xylene	95-47-6	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
tert-Butylalcohol	75-65-0	mg/kg	(1)				
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Toluene	108-88-3	mg/kg	(1)	< 0.73 (U)	< 0.63 (U)	< 0.68 (U)	< 0.75 (U)
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 1.4 U	< 1.2 U	< 1.3 U	< 1.4 U
Vinyl acetate	108-05-4	mg/kg	(1)				
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.5 U	< 1.3 U	< 1.4 U	< 1.5 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.73 U	< 0.63 U	< 0.68 U	< 0.75 U
WetChem							
% Solids	%Solid	%	(1)	84.4	83.9	83.2	83.4
% Solids	%Solid	%	(2)				
Ammonia	7664-41-7	mg/kg	(1)				
Chloride	16887-00-6	mg/kg	(1)				
Cyanide	57-12-5	mg/kg	(1)				
Fluoride	16984-48-8	mg/kg	(1)				
Nitrate	14797-55-8	mg/kg	(1)				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)				
Nitrite	14797-65-0	mg/kg	(1)				
Phosphate	14265-44-2	mg/kg	(1)				
Phosphorus	7723-14-0	mg/kg	(1)				
Sulfate	14808-79-8	mg/kg	(1)				
Sulfide	18496-25-8	mg/kg	(1)				

			Site Name	4, Area E	4, Area E	4, Area E	4
			Location ID	J-4-EX2-B-1	J-4-EX2-SWE-1	J-4-EX2-SWW-1	J-4-MW-001
			Sample Date	11/23/2004	11/23/2004	11/23/2004	3/28/1996
			Depth Interval	2 - 2	1 - 1	1 - 1	1 - 3
			Sample ID	4EX2-B-1(2-2)	4EX2-SWE-1(1-1)	4EX2-SWW-1(1-1)	4MW-1A(1-3)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Alcohol							
Ethylene glycol	107-21-1	mg/kg	(1)				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)				
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)				
HMX	2691-41-0	mg/kg	(1)				
Hydrazine	302-01-2	mg/kg	(1)				< 0.055 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)				< 0.05 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	
Nitrocellulose	9004-70-0	mg/kg	(1)				
Nitroglycerin	55-63-0	mg/kg	(1)				
Nitroguanidine	556-88-7	mg/kg	(1)				
PETN	78-11-5	mg/kg	(1)				
Picric Acid	88-89-1	mg/kg	(1)				
RDX	121-82-4	mg/kg	(1)				
Tetrazene	14097-21-3	mg/kg	(1)				
Tetryl	479-45-8	mg/kg	(1)				
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)				< 0.05 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	
Isotope							
Radium-228	15262-20-1	pCi/g	(1)				
Metals							
Aluminum	7429-90-5	mg/kg	(1)	10100	9560	9170	6780
Antimony	7440-36-0	mg/kg	(1)	< 1.1 UJ	< 1.1 UJ	0.31 J	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	2.6	2.6	2.6	4.34
Barium	7440-39-3	mg/kg	(1)	29	27.3	32.3	23.3
Beryllium	7440-41-7	mg/kg	(1)	0.47 J	0.37 J	0.42 J	0.78
Boron	7440-42-8	mg/kg	(1)				< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.23 U	0.05 J	0.39	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	879	682	856	2180
Chromium	7440-47-3	mg/kg	(1)	16.3 J	23.9 J	75.3 J	24.2
Cobalt	7440-48-4	mg/kg	(1)	6	4.9 J	5.6 J	7.32
Copper	7440-50-8	mg/kg	(1)	11.8	15.5	13.8	15.3
Iron	7439-89-6	mg/kg	(1)	16900	13300	15100	13800
Lead	7439-92-1	mg/kg	(1)	3.4	4.5	9.1	14.1
Magnesium	7439-95-4	mg/kg	(1)	1590	1230	1400	2960
Manganese	7439-96-5	mg/kg	(1)	123	109	144	97.9
Mercury	7439-97-6	mg/kg	(1)	0.03 J	0.07 J	0.07 J	0.11
Nickel	7440-02-0	mg/kg	(1)	8.4	7.6	8	13.1
Potassium	7440-09-7	mg/kg	(1)	513 J	400 J	525 J	1250
Selenium	7782-49-2	mg/kg	(1)	0.78	< 0.57 U	0.51 J	1.62
Silver	7440-22-4	mg/kg	(1)	< 0.56 U	< 0.57 U	< 0.59 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	< 564 U	< 566 U	< 594 U	419
Strontium	7440-24-6	mg/kg	(1)				9.11
Thallium	7440-28-0	mg/kg	(1)	1.2	0.91 J	1 J	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)				650
Vanadium	7440-62-2	mg/kg	(1)	16.7	16.3	17.9	23.7
Zinc	7440-66-6	mg/kg	(1)	28.4	25	34.6	26.6
Zirconium	7440-67-7	mg/kg	(1)				5.22
PCBs							
Aroclor 1016	12674-11-2	mg/kg	(1)				
Aroclor 1221	11104-28-2	mg/kg	(1)				
Aroclor 1232	11141-16-5	mg/kg	(1)				
Aroclor 1242	53469-21-9	mg/kg	(1)				
Aroclor 1248	12672-29-6	mg/kg	(1)				
Aroclor 1254	11097-69-1	mg/kg	(1)				
Aroclor 1260	11096-82-5	mg/kg	(1)				
Pesticides							
Diazinon	333-41-5	mg/kg	(1)				
Malathion	121-75-5	mg/kg	(1)				
Mirex	2385-85-5	mg/kg	(1)				< 0.25 U
Radiological							
Americium-241	86954-36-1	pCi/g	(1)				
Cesium-137	10045-97-3	pCi/g	(1)				
Cobalt-60	10198-40-0	pCi/g	(1)				
Gross Alpha	12587-46-1	pCi/g	(1)				
Gross Beta	12587-47-2	pCi/g	(1)				
Radium-226	13982-63-3	pCi/g	(1)				

			Site Name	4, Area E	4, Area E	4, Area E	4
			Location ID	J-4-EX2-B-1	J-4-EX2-SWE-1	J-4-EX2-SWW-1	J-4-MW-001
			Sample Date	11/23/2004	11/23/2004	11/23/2004	3/28/1996
			Depth Interval	2 - 2	1 - 1	1 - 1	1 - 3
			Sample ID	4EX2-B-1(2-2)	4EX2-SWE-1(1-1)	4EX2-SWW-1(1-1)	4MW-1A(1-3)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Radium-228	15262-20-1	pCi/g	(1)				
Total Uranium	7440-61-1 U	mg/kg	(1)				
Uranium-234	13966-29-5	pCi/g	(1)				
Uranium-235	15117-96-1	pCi/g	(1)				
Uranium-238	7440-61-1 U-238	pCi/g	(1)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)				< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.37 U	< 0.37 (U)	< 0.39 (U)	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.8 U	< 1.8 U	< 1.9 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.37 U	< 0.37 U	< 0.39 U	< 0.033 U

			Site Name	4, Area E	4, Area E	4, Area E	4
			Location ID	J-4-EX2-B-1	J-4-EX2-SWE-1	J-4-EX2-SWW-1	J-4-MW-001
			Sample Date	11/23/2004	11/23/2004	11/23/2004	3/28/1996
			Depth Interval	2 - 2	1 - 1	1 - 1	1 - 3
			Sample ID	4EX2-B-1(2-2)	4EX2-SWE-1(1-1)	4EX2-SWW-1(1-1)	4MW-1A(1-3)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
TPH							
Diesel Fuel	68334-30-5	mg/kg	(1)				9.61
Gasoline range organics	GRO	mg/kg	(1)				< 8 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)				
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)				
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)				< 8 U
TRPH	TRPH	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.63 UJ	< 0.63 UJ	< 0.65 UJ	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)				< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 13 U	< 13 U	< 13 U	< 0.07 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)				
2-Hexanone	591-78-6	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.5 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.5 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 13 (U)	< 13 (U)	< 13 (U)	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 25 R	< 25 R	< 26 R	< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.63 UJ	< 0.63 UJ	< 0.65 UJ	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)				< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)				< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)				< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.63 UJ	< 0.63 UJ	< 0.65 UJ	< 0.012 U
m-Xylenes	108-38-3	mg/kg	(1)				
o-Xylene	95-47-6	mg/kg	(1)				
Styrene	100-42-5	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)				< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.63 U	< 0.63 (U)	< 0.65 (U)	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)				< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.63 U	< 0.63 U	< 0.65 U	< 0.15 U
WetChem							
% Solids	%Solid	%	(1)	88.6	88.3	84.2	
% Solids	%Solid	%	(2)				
Ammonia	7664-41-7	mg/kg	(1)				20.5
Chloride	16887-00-6	mg/kg	(1)				9.79
Cyanide	57-12-5	mg/kg	(1)				< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)				12.7
Nitrate	14797-55-8	mg/kg	(1)				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)				< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)				
Phosphate	14265-44-2	mg/kg	(1)				1000
Phosphorus	7723-14-0	mg/kg	(1)				
Sulfate	14808-79-8	mg/kg	(1)				< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)				< 6 U

Chemical Name	CAS No	Unit	Site Name	4	4	4	4	4
			Location ID	J-4-MW-001	J-4-MW-002	J-4-MW-003	J-4-MW-004	J-4-MW-004
			Sample Date	3/28/1996	4/12/1996	6/11/1996	9/3/1996	9/3/1996
			Depth Interval	5 - 7	0 - 2	0 - 2	0 - 2	4 - 6
			Sample ID	4MW-1B(5-7)	4MW-2A(0-2)	4MW-3A(0-2)	4MW-4A(0-2)	4MW-4B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Hydrazine	302-01-2	mg/kg	(1)	< 0.055 U	< 0.05 U	< 0.0516 U	< 0.0504 U	< 0.0504 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.05 U	< 0.055 U	< 0.0492 U	< 0.0503 U	< 0.0503 U
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
Picric Acid	88-89-1	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetrazene	14097-21-3	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.055 U	< 0.0514 U	< 0.0514 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)	11300	8550	5870	11500	12900
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	2.66	4.99	2.26	3.02	2.57
Barium	7440-39-3	mg/kg	(1)	34.1	41.6	25.1	43.9	32
Beryllium	7440-41-7	mg/kg	(1)	1.35	< 0.5 U	< 0.5 U	0.72	0.8
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U	7.83	< 5.91 U	7.51
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	1460	1590	626	662	836
Chromium	7440-47-3	mg/kg	(1)	33	21.3	9.16	16.3	47.1
Cobalt	7440-48-4	mg/kg	(1)	8.29	7.09	3.04	7.09	7.39
Copper	7440-50-8	mg/kg	(1)	16.3	26.5	11.3	16.3	10.7
Iron	7439-89-6	mg/kg	(1)	21400	17100	9990	17700	18000
Lead	7439-92-1	mg/kg	(1)	6.43	23.8	14	9.05	7.41
Magnesium	7439-95-4	mg/kg	(1)	2540	2760	1670	2300	1320
Manganese	7439-96-5	mg/kg	(1)	307	167	187	209	125
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	0.06	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	16.2	12.6	7.81	10.4	9.98
Potassium	7440-09-7	mg/kg	(1)	781	1160	417	775	380
Selenium	7782-49-2	mg/kg	(1)	1.07	1.35	1.17	0.48	0.43
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	528	339	303	349	400
Strontium	7440-24-6	mg/kg	(1)	6.95	16.5	4.06	8.86	6.88
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	0.16	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	462	530	321	761	550
Vanadium	7440-62-2	mg/kg	(1)	39.1	31.2	11.8	29.5	32.4
Zinc	7440-66-6	mg/kg	(1)	26.6	44.2	43.6	31.2	30.5
Zirconium	7440-67-7	mg/kg	(1)	8.38	5.05	< 2.5 U	< 2.5 U	< 2.5 U
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
Diazinon	333-41-5	mg/kg	(1)					
Malathion	121-75-5	mg/kg	(1)					
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-MW-001	J-4-MW-002	J-4-MW-003	J-4-MW-004	J-4-MW-004
			Sample Date	3/28/1996	4/12/1996	6/11/1996	9/3/1996	9/3/1996
			Depth Interval	5 - 7	0 - 2	0 - 2	0 - 2	4 - 6
			Sample ID	4MW-1B(5-7)	4MW-2A(0-2)	4MW-3A(0-2)	4MW-4A(0-2)	4MW-4B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	0.08	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	0.09	< 0.068 U	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	0.05	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	0.08	< 0.033 U	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	0.11	< 0.033 U	< 0.033 U	< 0.033 U

			Site Name	4	4	4	4	4
			Location ID	J-4-MW-001	J-4-MW-002	J-4-MW-003	J-4-MW-004	J-4-MW-004
			Sample Date	3/28/1996	4/12/1996	6/11/1996	9/3/1996	9/3/1996
			Depth Interval	5 - 7	0 - 2	0 - 2	0 - 2	4 - 6
			Sample ID	4MW-1B(5-7)	4MW-2A(0-2)	4MW-3A(0-2)	4MW-4A(0-2)	4MW-4B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)	< 8 U	< 8 U	< 8.24 U	< 7.98 U	< 7.98 U
Gasoline range organics	GRO	mg/kg	(1)	< 8 U	< 8 U	< 8.3 U	< 8 U	< 8 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)					
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
TRPH	TRPH	mg/kg	(1)			76.9	40.4	784
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
m-Xylenes	108-38-3	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U	< 0.59 U	0.01	0.01
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)	22.2	62	42.5	62	< 12.5 U
Chloride	16887-00-6	mg/kg	(1)	14.1	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	18.8	9.73	4.78	7.1	13.2
Nitrate	14797-55-8	mg/kg	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	1.87	< 0.6 U	0.91	< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)					
Phosphate	14265-44-2	mg/kg	(1)	290	250	360	410	490
Phosphorus	7723-14-0	mg/kg	(1)					
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)	28.3	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Unit	Site Name	4	4	4	4	4
			Location ID	J-4-MW-005	J-4-MW-005	J-4-MW-006	J-4-SB-002	J-4-SB-002
			Sample Date	8/30/1996	8/30/1996	7/25/1996	5/22/1996	5/22/1996
			Depth Interval	10 - 12	5 - 7	0 - 2	0 - 2	4 - 6
			Sample ID	4MW-5C(10-12)	4MW-5B(5-7)	4MW-6A(0-2)	4SB-2A(0-2)	4SB-2B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)			< 0.488 R		
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)			< 0.496 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)			< 0.456 U		
HMX	2691-41-0	mg/kg	(1)			< 0.666 U		
Hydrazine	302-01-2	mg/kg	(1)	< 0.0504 U	< 0.0504 U	< 0.0504 U	< 0.0516 U	< 0.0516 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.0503 U	< 0.0503 U	< 0.0504 U	< 0.0492 U	< 0.0492 U
Nitrobenzene	98-95-3	mg/kg	(1)			< 2.41 U		
Nitrocellulose	9004-70-0	mg/kg	(1)			< 10.4 U		
Nitroglycerin	55-63-0	mg/kg	(1)			< 4 U		
Nitroguanidine	556-88-7	mg/kg	(1)			< 0.475 U		
PETN	78-11-5	mg/kg	(1)			< 4 U		
Picric Acid	88-89-1	mg/kg	(1)			< 0.108 U		
RDX	121-82-4	mg/kg	(1)			< 0.587 U		
Tetrazene	14097-21-3	mg/kg	(1)			< 1.19 U		
Tetryl	479-45-8	mg/kg	(1)			< 0.731 U		
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.0514 U	< 0.0514 U	< 0.0514 U	< 0.055 U	< 0.055 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)			< 0.424 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)			< 0.524 U		
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)	4100	4880	6600	15500	14300
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	0.84	2.62	2.2	4.47	1.37
Barium	7440-39-3	mg/kg	(1)	16.2	21.5	24.8	50.5	44.6
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	< 0.5 U	0.8	< 0.5 U	0.68
Boron	7440-42-8	mg/kg	(1)	8.41	8.44	< 5.91 U	< 5.91 U	7.48
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	1480	1080	1530	283	228
Chromium	7440-47-3	mg/kg	(1)	10.7	11.3	14.8	20.8	19.2
Cobalt	7440-48-4	mg/kg	(1)	6.04	10.4	4.26	7.25	6.65
Copper	7440-50-8	mg/kg	(1)	14.8	15	14	15.1	13.9
Iron	7439-89-6	mg/kg	(1)	12400	13200	11000	23000	20900
Lead	7439-92-1	mg/kg	(1)	1.62	3.27	20.2	12.3	2.84
Magnesium	7439-95-4	mg/kg	(1)	1620	1730	1710	2940	2670
Manganese	7439-96-5	mg/kg	(1)	138	315	307	143	127
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 UJ	< 0.05 UJ
Nickel	7440-02-0	mg/kg	(1)	9.97	12.7	10	12.9	12.2
Potassium	7440-09-7	mg/kg	(1)	650	623	514	485	437
Selenium	7782-49-2	mg/kg	(1)	< 0.25 U	< 0.25 U	1.04	2	0.92
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	431	510	453	459	420
Strontium	7440-24-6	mg/kg	(1)	5.51	9.07	8.09	17.7	4.96
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	0.23	< 0.1 U
Titanium	7440-32-6	mg/kg	(1)	384	544	294	753	497
Vanadium	7440-62-2	mg/kg	(1)	19.6	19.7	19.4	40.4	36.3
Zinc	7440-66-6	mg/kg	(1)	14.3	19.2	34.9	32.3	29.8
Zirconium	7440-67-7	mg/kg	(1)	3.71	6.12	< 2.5 U	10.9	4.3
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
Diazinon	333-41-5	mg/kg	(1)					
Malathion	121-75-5	mg/kg	(1)					
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 UJ	< 0.25 U	< 0.25 U
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-MW-005	J-4-MW-005	J-4-MW-006	J-4-SB-002	J-4-SB-002
			Sample Date	8/30/1996	8/30/1996	7/25/1996	5/22/1996	5/22/1996
			Depth Interval	10 - 12	5 - 7	0 - 2	0 - 2	4 - 6
			Sample ID	4MW-5C(10-12)	4MW-5B(5-7)	4MW-6A(0-2)	4SB-2A(0-2)	4SB-2B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 UJ	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 UJ	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 UJ	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 UJ	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 UJ	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 UJ	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 UJ	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 UJ	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 UJ	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 UJ	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 UJ	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 UJ	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 UJ	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 UJ	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 UJ	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 UJ	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 UJ	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 UJ	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 UJ	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 UJ#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 UJ	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 UJ	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 UJ	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 UJ	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 UJ	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 UJ	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 UJ	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 UJ	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 UJ	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 UJ	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 UJ	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 UJ	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 UJ	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 UJ	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 UJ	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 UJ	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 UJ	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 UJ	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	< 0.068 UJ	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 UJ	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 UJ	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 UJ	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 UJ	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 UJ	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 UJ	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 UJ	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 UJ	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 UJ	< 0.033 U	< 0.033 U

			Site Name	4	4	4	4	4
			Location ID	J-4-MW-005	J-4-MW-005	J-4-MW-006	J-4-SB-002	J-4-SB-002
			Sample Date	8/30/1996	8/30/1996	7/25/1996	5/22/1996	5/22/1996
			Depth Interval	10 - 12	5 - 7	0 - 2	0 - 2	4 - 6
			Sample ID	4MW-5C(10-12)	4MW-5B(5-7)	4MW-6A(0-2)	4SB-2A(0-2)	4SB-2B(4-6)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)	< 7.98 U	< 7.98 U	15.2	< 8.24 U	< 8.24 U
Gasoline range organics	GRO	mg/kg	(1)	< 8 U	< 8 U	< 8.3 U	< 8.3 U	< 8.3 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)					
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
TRPH	TRPH	mg/kg	(1)	< 27.6 U	< 27.8 U	94.8		
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
m-Xylenes	108-38-3	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	0.02	0.02	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)	< 12.5 U	< 12.5 U	40.7	690	
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U	5.05	< 3.62 U	9.45	
Nitrate	14797-55-8	mg/kg	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U	
Nitrite	14797-65-0	mg/kg	(1)					
Phosphate	14265-44-2	mg/kg	(1)	530	450	520	550	
Phosphorus	7723-14-0	mg/kg	(1)					
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U	< 6 U	< 6 U	

			Site Name	4	4	4	4	4
			Location ID	J-4-SB-002	J-4-SB-002A	J-4-SB-002A	J-4-SS-001	J-4-SS-001A
			Sample Date	1/30/1998	5/22/1996	5/22/1996	4/21/1988	4/18/1996
			Depth Interval	0 - 1	0 - 2	6 - 8	.5	0 - 1
			Sample ID	4SB-2A(0-1)	4SB-2AA(0-2)	4SB-2AB(6-8)	SS4-1(0.5)	4SS-1A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Hydrazine	302-01-2	mg/kg	(1)		< 0.0516 U	< 0.0516 U		< 0.05 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)		< 0.0492 U	< 0.0492 U		< 0.05 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.515088 U				
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
Picric Acid	88-89-1	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetrazene	14097-21-3	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)		< 0.055 U	< 0.055 U		< 0.05 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.515088 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.515088 U				
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)	14400	5760	9660		3090
Antimony	7440-36-0	mg/kg	(1)	0.37	< 0.1 U	< 0.1 U		0.59
Arsenic	7440-38-2	mg/kg	(1)	1.19	3.51	1.63		13.7
Barium	7440-39-3	mg/kg	(1)	51.4	67.3	59.2		368
Beryllium	7440-41-7	mg/kg	(1)	1.68	< 0.5 U	0.64		< 0.5 U
Boron	7440-42-8	mg/kg	(1)		< 5.91 U	< 5.91 U		8.28
Cadmium	7440-43-9	mg/kg	(1)	0.19	< 0.7 U	< 0.7 U		< 0.7 U
Calcium	7440-70-2	mg/kg	(1)		13700	2860		1250
Chromium	7440-47-3	mg/kg	(1)	65	120	9.56		11.3
Cobalt	7440-48-4	mg/kg	(1)		9.39	3.69		8.31
Copper	7440-50-8	mg/kg	(1)	23.8	53.6	6.4		20.3
Iron	7439-89-6	mg/kg	(1)	41200	17600	11500		15600
Lead	7439-92-1	mg/kg	(1)	33.8	232	83.6		22.7
Magnesium	7439-95-4	mg/kg	(1)	1950	8760	1040		1010
Manganese	7439-96-5	mg/kg	(1)	130	221	258		50.7
Mercury	7439-97-6	mg/kg	(1)	0.22	0.07 J	< 0.05 UJ		0.06
Nickel	7440-02-0	mg/kg	(1)	7.98	30.8	7.61		20.9
Potassium	7440-09-7	mg/kg	(1)		1080	208		570
Selenium	7782-49-2	mg/kg	(1)		2	0.78		1.18
Silver	7440-22-4	mg/kg	(1)	0.55	< 0.589 U	< 0.589 U		2.1
Sodium	7440-23-5	mg/kg	(1)		478	321		338
Strontium	7440-24-6	mg/kg	(1)		20.9	6		21
Thallium	7440-28-0	mg/kg	(1)		0.14	< 0.1 U		< 0.1 U
Titanium	7440-32-6	mg/kg	(1)		611	457		401
Vanadium	7440-62-2	mg/kg	(1)		176	21.1		19.4
Zinc	7440-66-6	mg/kg	(1)	150	82.8	105		48.8
Zirconium	7440-67-7	mg/kg	(1)		4.51	5.01		4.12
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
Diazinon	333-41-5	mg/kg	(1)	< 0.515088 U				
Malathion	121-75-5	mg/kg	(1)	< 0.515088 U				
Mirex	2385-85-5	mg/kg	(1)	< 0.515088 U	< 0.25 U	< 0.25 U		< 0.25 U
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-SB-002	J-4-SB-002A	J-4-SB-002A	J-4-SS-001	J-4-SS-001A
			Sample Date	1/30/1998	5/22/1996	5/22/1996	4/21/1988	4/18/1996
			Depth Interval	0 - 1	0 - 2	6 - 8	.5	0 - 1
			Sample ID	4SB-2A(0-1)	4SB-2AA(0-2)	4SB-2AB(6-8)	SS4-1(0.5)	4SS-1A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.873785 U	< 0.24 U		< 0.005	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.33 U	< 0.04 U	< 0.04 U		< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.515088 U	< 0.11 U	< 0.11 U	< 0.005	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.515088 U	< 0.13 U	< 0.13 U	< 0.005	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.515088 U	< 0.098 U	< 0.098 U	< 0.005	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.515088 U	< 0.1 U	< 0.1 U		< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.515088 U	< 0.17 U	< 0.17 U		< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 1.03018 U	< 0.18 U	< 0.18 U		< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.515088 U	< 0.69 U	< 0.69 U		< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.03018 U	< 1.2 U	< 1.2 U		< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.515088 U	< 0.036 U	< 0.036 U		< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 1.03018 U	< 0.06 U	< 0.06 U		< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.515088 U	< 0.049 U	< 0.049 U		0.6
2-Methylphenol	95-48-7	mg/kg	(1)	< 1.03018 U	< 0.029 U	< 0.029 U		< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.515088 U	< 0.062 U	< 0.062 U		< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.03018 U	< 0.14 U	< 0.14 U		< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 0.515088 U	< 6.3 U	< 6.3 U		< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.515088 U	< 0.45 U	< 0.45 U		< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.03018 U	< 0.55 U	< 0.55 U		< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 1.560874 U	< 0.095 U	< 0.095 U		< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.515088 U	< 0.81 U	< 0.81 U		< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 1.03018 U#	< 0.24 U#	< 0.24 U#		< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.515088 U	< 0.41 U	< 0.41 U		< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.03018 U	< 1.4 U	< 1.4 U		< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.515088 U	< 0.036 U	< 0.036 U		< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
Aniline	62-53-3	mg/kg	(1)	< 0.515088 U	< 0.65 U	< 0.65 U		< 0.65 U
Anthracene	120-12-7	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.515088 U	< 0.17 U	< 0.17 U		< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.515088 U	< 0.25 U	< 0.25 U		< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.515088 U	< 0.21 U	< 0.21 U		< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.515088 U	< 0.25 U	< 0.25 U		< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.515088 U	< 0.066 U	< 0.066 U		< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)		< 0.19 U	< 0.19 U		< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.515088 U	< 0.059 U	< 0.059 U		< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.780437 U	< 0.2 U	< 0.2 U		< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.515088 U	< 0.62 U	< 0.62 U		< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.515088 U	< 0.17 U	< 0.17 U		< 0.17 U
Carbazole	86-74-8	mg/kg	(1)	< 0.515088 U	< 0.14 U	< 0.14 U		< 0.14 U
Chrysene	218-01-9	mg/kg	(1)	< 0.515088 U	< 0.12 U	< 0.12 U		< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.515088 U	< 0.21 U	< 0.21 U		< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.515088 U	< 0.035 U	< 0.035 U		< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)	0.14 J	< 0.24 U	< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.515088 U	< 0.17 U	< 0.17 U		< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.515088 U	< 0.061 U	< 0.061 U		< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.515088 U	< 0.19 U	< 0.19 U		< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)	< 0.515088 U	< 0.13 U	< 0.13 U		< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.515088 U	< 0.068 U	< 0.068 U		2
Fluorene	86-73-7	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.515088 U	< 0.23 U	< 0.23 U		< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 0.515088 U	< 6.2 U	< 6.2 U		< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.515088 U	< 0.15 U	< 0.15 U		< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.515088 U	< 0.29 U	< 0.29 U		< 0.29 U
Isophorone	78-59-1	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.515088 U	< 0.037 U	< 0.037 U		0.4
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.515088 U	< 0.2 U	< 0.2 U		< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.515088 U	< 0.19 U	< 0.19 U		< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.03018 U	< 1.3 U	< 1.3 U		< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.515088 U	< 0.033 U	< 0.033 U		2
Phenol	108-95-2	mg/kg	(1)	< 1.03018 U	< 0.11 U	< 0.11 U		< 0.11 U
Pyrene	129-00-0	mg/kg	(1)	< 0.515088 U	0.05	< 0.033 U		1

			Site Name	4	4	4	4	4
			Location ID	J-4-SB-002	J-4-SB-002A	J-4-SB-002A	J-4-SS-001	J-4-SS-001A
			Sample Date	1/30/1998	5/22/1996	5/22/1996	4/21/1988	4/18/1996
			Depth Interval	0 - 1	0 - 2	6 - 8	.5	0 - 1
			Sample ID	4SB-2A(0-1)	4SB-2AA(0-2)	4SB-2AB(6-8)	SS4-1(0.5)	4SS-1A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)		< 8.24 U	< 8.24 U		< 8 U
Gasoline range organics	GRO	mg/kg	(1)		< 8.3 U	< 8.3 U		< 8 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)	< 15.6087 U				
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)	< 0.873785 U				
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)		< 8 U	< 8 U		< 8 U
TRPH	TRPH	mg/kg	(1)	< 0.5 R				
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.873785 U	< 0.44 U		< 0.018	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.873785 U	< 0.82 U			< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.873785 U	< 0.54 U		< 0.005	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.873785 U	< 0.23 U		< 0.005	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.873785 U	< 0.39 U		< 0.005	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.873785 U	< 0.17 U		< 0.005	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)		< 0.3 U			< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.873785 U	< 0.29 U		< 0.005	< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)	< 8.73785 (U)	< 0.07 U			< 0.07 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)				< 0.005	
2-Hexanone	591-78-6	mg/kg	(1)	< 0.873785 U	< 0.032 U			< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 8.73785 U	< 0.027 U			< 0.027 U
Acetone	67-64-1	mg/kg	(1)	< 8.73785 U	< 0.017 U			< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)		< 0.23 U			< 0.23 U
Benzene	71-43-2	mg/kg	(1)	< 0.873785 U	< 0.15 U		< 0.005	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.873785 U	< 0.29 U		< 0.005	< 0.29 U
Bromoform	75-25-2	mg/kg	(1)	< 0.873785 U	< 0.69 U		< 0.01	< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.873785 U	< 0.57 U		< 0.01	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.873785 U	< 0.44 U			< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.873785 U	< 0.7 U		< 0.005	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.873785 U	< 0.086 U		< 0.005	< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.873785 U	< 0.012 U		< 0.01	< 0.012 U
Chloroform	67-66-3	mg/kg	(1)	< 0.873785 U	< 0.087 U		< 0.005	< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.873785 U	< 0.88 U		< 0.01	< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.873785 U				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.873785 U	< 0.32 U		< 0.005	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.873785 U	< 0.31 U		< 0.005	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.873785 U	< 0.014 U			< 0.014 U
Ethanol	64-17-5	mg/kg	(1)		< 3.7 U			< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.873785 U	< 0.17 U		< 0.02	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)		< 0.3 U			< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)		< 0.79 U			< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)	< 8.73785 (U)	< 0.012 U		0.0316	< 0.012 U
m-Xylenes	108-38-3	mg/kg	(1)				< 0.005	
o-Xylene	95-47-6	mg/kg	(1)				< 0.005	
Styrene	100-42-5	mg/kg	(1)	< 0.873785 U	< 0.26 U			< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)		< 0.5 U			< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.873785 U	< 0.081 U		< 0.0015	< 0.081 U
Toluene	108-88-3	mg/kg	(1)	< 0.873785 U	< 0.078 U		< 0.005	< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.873785 U			< 0.015	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.873785 U	< 0.28 U		< 0.005	< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.873785 U	< 0.28 U		< 0.018	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.873785 U	< 0.59 U		< 0.005	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)		< 0.032 U			< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.873785 U	< 0.62 U		< 0.01	< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.873785 U	< 0.15 U		< 0.005	< 0.15 U
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)	28.1	181			47.1
Chloride	16887-00-6	mg/kg	(1)	< 3.37 U	< 6.05 U			< 6.05 U
Cyanide	57-12-5	mg/kg	(1)		< 0.92 U	< 0.92 U		< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)	21.8	8.86			< 3.62 U
Nitrate	14797-55-8	mg/kg	(1)	< 1.68 U			< 15	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)		1.75			1.35
Nitrite	14797-65-0	mg/kg	(1)	< 1.68 U			< 2.5	
Phosphate	14265-44-2	mg/kg	(1)		410			12.3
Phosphorus	7723-14-0	mg/kg	(1)	279				
Sulfate	14808-79-8	mg/kg	(1)	35.3	< 90.4 U			< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)	< 3.69 U	< 6 U			< 6 U

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-002	J-4-SS-002A	J-4-SS-003	J-4-SS-003A	J-4-SS-004
			Sample Date	4/21/1988	4/18/1996	4/21/1988	5/8/1996	4/21/1988
			Depth Interval	.5	0 - 1	.5	0 - 1	.5
			Sample ID	SS4-2(0.5)	4SS-2A(0-1)	SS4-3(0.5)	4SS-3A(0-1)	SS4-4(0.5)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)				< 0.5 U	
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Hydrazine	302-01-2	mg/kg	(1)		< 0.05 U			
Monomethyl hydrazine	60-34-4	mg/kg	(1)		< 0.05 U			
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
Picric Acid	88-89-1	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetrazene	14097-21-3	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)		< 0.05 U			
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)		7370			
Antimony	7440-36-0	mg/kg	(1)		< 0.1 U			
Arsenic	7440-38-2	mg/kg	(1)		5.61			
Barium	7440-39-3	mg/kg	(1)		29.3			
Beryllium	7440-41-7	mg/kg	(1)		< 0.5 U			
Boron	7440-42-8	mg/kg	(1)		< 5.91 U			
Cadmium	7440-43-9	mg/kg	(1)		< 0.7 U			
Calcium	7440-70-2	mg/kg	(1)		825			
Chromium	7440-47-3	mg/kg	(1)		12.8			
Cobalt	7440-48-4	mg/kg	(1)		5.68			
Copper	7440-50-8	mg/kg	(1)		27.7			
Iron	7439-89-6	mg/kg	(1)		13300			
Lead	7439-92-1	mg/kg	(1)		8.83			
Magnesium	7439-95-4	mg/kg	(1)		1860			
Manganese	7439-96-5	mg/kg	(1)		151			
Mercury	7439-97-6	mg/kg	(1)		< 0.05 U			
Nickel	7440-02-0	mg/kg	(1)		8.96			
Potassium	7440-09-7	mg/kg	(1)		628			
Selenium	7782-49-2	mg/kg	(1)		1.02			
Silver	7440-22-4	mg/kg	(1)		< 0.589 U			
Sodium	7440-23-5	mg/kg	(1)		< 100 U			
Strontium	7440-24-6	mg/kg	(1)		17			
Thallium	7440-28-0	mg/kg	(1)		< 0.1 U			
Titanium	7440-32-6	mg/kg	(1)		372			
Vanadium	7440-62-2	mg/kg	(1)		22.2			
Zinc	7440-66-6	mg/kg	(1)		28.3			
Zirconium	7440-67-7	mg/kg	(1)		7.65			
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					
Aroclor 1221	11104-28-2	mg/kg	(1)					
Aroclor 1232	11141-16-5	mg/kg	(1)					
Aroclor 1242	53469-21-9	mg/kg	(1)					
Aroclor 1248	12672-29-6	mg/kg	(1)					
Aroclor 1254	11097-69-1	mg/kg	(1)					
Aroclor 1260	11096-82-5	mg/kg	(1)					
Pesticides								
Diazinon	333-41-5	mg/kg	(1)					
Malathion	121-75-5	mg/kg	(1)					
Mirex	2385-85-5	mg/kg	(1)		< 0.25 U			
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-002	J-4-SS-002A	J-4-SS-003	J-4-SS-003A	J-4-SS-004
			Sample Date	4/21/1988	4/18/1996	4/21/1988	5/8/1996	4/21/1988
			Depth Interval	.5	0 - 1	.5	0 - 1	.5
			Sample ID	SS4-2(0.5)	4SS-2A(0-1)	SS4-3(0.5)	4SS-3A(0-1)	SS4-4(0.5)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.005	< 0.24 U	< 0.005		< 0.005
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.04 U			
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.005	< 0.11 U	< 0.005		< 0.005
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.005	< 0.13 U	< 0.005		< 0.005
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.005	< 0.098 U	< 0.005		< 0.005
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.1 U			
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.17 U			
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.18 U			
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.69 U			
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 1.2 U			
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.036 U			
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.06 U			
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.049 U			
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.029 U			
2-Nitroaniline	88-74-4	mg/kg	(1)		< 0.062 U			
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.14 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 6.3 U			
3-Nitroaniline	99-09-2	mg/kg	(1)		< 0.45 U			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 0.55 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.033 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.095 U			
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.81 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.033 U			
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.24 U#			
4-Nitroaniline	100-01-6	mg/kg	(1)		< 0.41 U			
4-Nitrophenol	100-02-7	mg/kg	(1)		< 1.4 U			
Acenaphthene	83-32-9	mg/kg	(1)		< 0.036 U			
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.033 U			
Aniline	62-53-3	mg/kg	(1)		< 0.65 U			
Anthracene	120-12-7	mg/kg	(1)		< 0.033 U			
Benz(a)anthracene	56-55-3	mg/kg	(1)		< 0.17 U			
Benzo(a)pyrene	50-32-8	mg/kg	(1)		< 0.25 U			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		< 0.21 U			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		< 0.25 U			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		< 0.066 U			
Benzyl alcohol	100-51-6	mg/kg	(1)		< 0.19 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.059 U			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.033 U			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.2 U			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.62 U			
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.17 U			
Carbazole	86-74-8	mg/kg	(1)		< 0.14 U			
Chrysene	218-01-9	mg/kg	(1)		< 0.12 U			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		< 0.21 U			
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.035 U			
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.24 U			
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.17 U			
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.061 U			
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.19 U			
Diphenylamine	122-39-4	mg/kg	(1)		< 0.13 U			
Fluoranthene	206-44-0	mg/kg	(1)		< 0.068 U			
Fluorene	86-73-7	mg/kg	(1)		< 0.033 U			
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.033 U			
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.23 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 6.2 U			
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.15 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		< 0.29 U			
Isophorone	78-59-1	mg/kg	(1)		< 0.033 U			
Naphthalene	91-20-3	mg/kg	(1)		< 0.037 U			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.2 U			
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.19 U			
Pentachlorophenol	87-86-5	mg/kg	(1)		< 1.3 U			
Phenanthrene	85-01-8	mg/kg	(1)		< 0.033 U			
Phenol	108-95-2	mg/kg	(1)		< 0.11 U			
Pyrene	129-00-0	mg/kg	(1)		< 0.033 U			

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-002	J-4-SS-002A	J-4-SS-003	J-4-SS-003A	J-4-SS-004
			Sample Date	4/21/1988	4/18/1996	4/21/1988	5/8/1996	4/21/1988
			Depth Interval	.5	0 - 1	.5	0 - 1	.5
			Sample ID	SS4-2(0.5)	4SS-2A(0-1)	SS4-3(0.5)	4SS-3A(0-1)	SS4-4(0.5)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)		< 8 U			
Gasoline range organics	GRO	mg/kg	(1)		< 8 U			
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)					
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)		< 8 U			
TRPH	TRPH	mg/kg	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.018	< 0.44 U	< 0.018		< 0.018
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)		< 0.82 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.005	< 0.54 U	< 0.005		< 0.005
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.005	< 0.23 U	< 0.005		< 0.005
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.005	< 0.39 U	< 0.005		< 0.005
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.005	< 0.17 U	< 0.005		< 0.005
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)		< 0.3 U			
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.005	< 0.29 U	< 0.005		< 0.005
2-Butanone	78-93-3	mg/kg	(1)		< 0.07 U			
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)	< 0.005		< 0.005		< 0.005
2-Hexanone	591-78-6	mg/kg	(1)		< 0.032 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 0.027 U			
Acetone	67-64-1	mg/kg	(1)		< 0.017 U			
Acetonitrile	75-05-8	mg/kg	(1)		< 0.23 U			
Benzene	71-43-2	mg/kg	(1)	< 0.005	< 0.15 U	< 0.005		< 0.005
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.005	< 0.29 U	< 0.005		< 0.005
Bromoform	75-25-2	mg/kg	(1)	< 0.01	< 0.69 U	< 0.01		< 0.01
Bromomethane	74-83-9	mg/kg	(1)	< 0.01	< 0.57 U	< 0.01		< 0.01
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.44 U			
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.005	< 0.7 U	< 0.005		< 0.005
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.005	< 0.086 U	< 0.005		< 0.005
Chloroethane	75-00-3	mg/kg	(1)	< 0.01	< 0.012 U	< 0.01		< 0.01
Chloroform	67-66-3	mg/kg	(1)	< 0.005	< 0.087 U	< 0.005		< 0.005
Chloromethane	74-87-3	mg/kg	(1)	< 0.01	< 0.88 U	< 0.01		< 0.01
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.005	< 0.32 U	< 0.005		< 0.005
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.005	< 0.31 U	< 0.005		< 0.005
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 0.014 U			
Ethanol	64-17-5	mg/kg	(1)		< 3.7 U			
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.02	< 0.17 U	< 0.02		< 0.005
Ethylene Oxide	75-21-8	mg/kg	(1)		< 0.3 U			
Isopropanol	67-63-0	mg/kg	(1)		< 0.79 U			
Methylene chloride	75-09-2	mg/kg	(1)	0.0336	< 0.012 U	0.0343		0.0333
m-Xylenes	108-38-3	mg/kg	(1)	< 0.005		< 0.005		< 0.005
o-Xylene	95-47-6	mg/kg	(1)	< 0.005		< 0.005		< 0.005
Styrene	100-42-5	mg/kg	(1)		< 0.26 U			
tert-Butylalcohol	75-65-0	mg/kg	(1)		< 0.5 U			
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.0015	< 0.081 U	< 0.0015		< 0.0015
Toluene	108-88-3	mg/kg	(1)	< 0.005	< 0.078 U	< 0.005		< 0.005
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.015		< 0.015		< 0.015
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.005	< 0.28 U	< 0.005		< 0.005
Trichloroethene	79-01-6	mg/kg	(1)	< 0.018	< 0.28 U	< 0.018		< 0.018
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.005	< 0.59 U	< 0.005		< 0.005
Vinyl acetate	108-05-4	mg/kg	(1)		< 0.032 U			
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.01	< 0.62 U	< 0.01		< 0.01
Xylenes	1330-20-7	mg/kg	(1)	< 0.005	< 0.15 U	< 0.005		< 0.005
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)		51.8			
Chloride	16887-00-6	mg/kg	(1)		< 6.05 U			
Cyanide	57-12-5	mg/kg	(1)		< 0.92 U			
Fluoride	16984-48-8	mg/kg	(1)		8			
Nitrate	14797-55-8	mg/kg	(1)	< 15		< 15		< 15
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)		0.68			
Nitrite	14797-65-0	mg/kg	(1)	< 2.5		< 2.5		< 2.5
Phosphate	14265-44-2	mg/kg	(1)		8.94			
Phosphorus	7723-14-0	mg/kg	(1)					
Sulfate	14808-79-8	mg/kg	(1)		< 90.4 U			
Sulfide	18496-25-8	mg/kg	(1)		< 6 U			

Chemical Name	CAS No	Unit	Site Name	4	4	4	4	4
			Location ID	J-4-SS-004A	J-4-SS-005A	J-4-SS-006A	J-4-SS-007A	J-4-SS-008A
			Sample Date	5/8/1996	4/4/1996	4/4/1996	4/3/1996	5/7/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	4SS-4A(0-1)	4SS-5A(0-1)	4SS-6A(0-1)	4SS-7A(0-1)	4SS-8A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)	< 0.5 U				
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Hydrazine	302-01-2	mg/kg	(1)					< 0.0516 U
Monomethyl hydrazine	60-34-4	mg/kg	(1)					< 0.0492 U
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
Picric Acid	88-89-1	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetrazene	14097-21-3	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)					< 0.055 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)					5680
Antimony	7440-36-0	mg/kg	(1)					< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)					1.4
Barium	7440-39-3	mg/kg	(1)					30.9
Beryllium	7440-41-7	mg/kg	(1)					0.77
Boron	7440-42-8	mg/kg	(1)					< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)					< 0.7 U
Calcium	7440-70-2	mg/kg	(1)					664
Chromium	7440-47-3	mg/kg	(1)					12
Cobalt	7440-48-4	mg/kg	(1)					4.68
Copper	7440-50-8	mg/kg	(1)					16.1
Iron	7439-89-6	mg/kg	(1)					18100
Lead	7439-92-1	mg/kg	(1)					13.9
Magnesium	7439-95-4	mg/kg	(1)					1300
Manganese	7439-96-5	mg/kg	(1)					257
Mercury	7439-97-6	mg/kg	(1)					< 0.05 U
Nickel	7440-02-0	mg/kg	(1)					14.8
Potassium	7440-09-7	mg/kg	(1)					453
Selenium	7782-49-2	mg/kg	(1)					1.79
Silver	7440-22-4	mg/kg	(1)					< 0.589 U
Sodium	7440-23-5	mg/kg	(1)					339
Strontium	7440-24-6	mg/kg	(1)					6.79
Thallium	7440-28-0	mg/kg	(1)					< 0.1 U
Titanium	7440-32-6	mg/kg	(1)					431
Vanadium	7440-62-2	mg/kg	(1)					12.5
Zinc	7440-66-6	mg/kg	(1)					21.3
Zirconium	7440-67-7	mg/kg	(1)					< 2.5 U
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)		< 0.0666 U	< 0.0666 U	< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg	(1)		< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg	(1)		< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg	(1)		< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg	(1)		< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg	(1)		< 0.082 UT	1.6 N	< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg	(1)		< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	
Pesticides								
Diazinon	333-41-5	mg/kg	(1)					
Malathion	121-75-5	mg/kg	(1)					
Mirex	2385-85-5	mg/kg	(1)					< 0.25 U
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-004A	J-4-SS-005A	J-4-SS-006A	J-4-SS-007A	J-4-SS-008A
			Sample Date	5/8/1996	4/4/1996	4/4/1996	4/3/1996	5/7/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	4SS-4A(0-1)	4SS-5A(0-1)	4SS-6A(0-1)	4SS-7A(0-1)	4SS-8A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)					< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	(1)					< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)					< 0.049 U
2-Methylphenol	95-48-7	mg/kg	(1)					< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	(1)					< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	(1)					< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)					< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	(1)					< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					< 0.033 U
4-Methylphenol	106-44-5	mg/kg	(1)					< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	(1)					< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	(1)					< 1.4 U
Acenaphthene	83-32-9	mg/kg	(1)					< 0.036 U
Acenaphthylene	208-96-8	mg/kg	(1)					< 0.033 U
Aniline	62-53-3	mg/kg	(1)					< 0.65 U
Anthracene	120-12-7	mg/kg	(1)					< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	(1)					< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)					< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	(1)					< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					< 0.17 U
Carbazole	86-74-8	mg/kg	(1)					< 0.14 U
Chrysene	218-01-9	mg/kg	(1)					< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					< 0.21 U
Dibenzofuran	132-64-9	mg/kg	(1)					< 0.035 U
Diethylphthalate	84-66-2	mg/kg	(1)					< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	(1)					< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)					< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)					< 0.19 U
Diphenylamine	122-39-4	mg/kg	(1)					< 0.13 U
Fluoranthene	206-44-0	mg/kg	(1)					< 0.068 U
Fluorene	86-73-7	mg/kg	(1)					< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	(1)					< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)					< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					< 6.2 U
Hexachloroethane	67-72-1	mg/kg	(1)					< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					< 0.29 U
Isophorone	78-59-1	mg/kg	(1)					< 0.033 U
Naphthalene	91-20-3	mg/kg	(1)					< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	(1)					< 1.3 U
Phenanthrene	85-01-8	mg/kg	(1)					< 0.033 U
Phenol	108-95-2	mg/kg	(1)					< 0.11 U
Pyrene	129-00-0	mg/kg	(1)					< 0.033 U

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-004A	J-4-SS-005A	J-4-SS-006A	J-4-SS-007A	J-4-SS-008A
			Sample Date	5/8/1996	4/4/1996	4/4/1996	4/3/1996	5/7/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	4SS-4A(0-1)	4SS-5A(0-1)	4SS-6A(0-1)	4SS-7A(0-1)	4SS-8A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)					< 8.24 U
Gasoline range organics	GRO	mg/kg	(1)					< 8.3 U
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)					
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)					< 8 U
TRPH	TRPH	mg/kg	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)					< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)					< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)					< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)					< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)					< 0.29 U
2-Butanone	78-93-3	mg/kg	(1)					< 0.07 U
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					< 0.027 U
Acetone	67-64-1	mg/kg	(1)					< 0.017 U
Acetonitrile	75-05-8	mg/kg	(1)					< 0.23 U
Benzene	71-43-2	mg/kg	(1)					< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	(1)					< 0.29 U
Bromoform	75-25-2	mg/kg	(1)					< 0.69 U
Bromomethane	74-83-9	mg/kg	(1)					< 0.57 U
Carbon disulfide	75-15-0	mg/kg	(1)					< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	(1)					< 0.7 U
Chlorobenzene	108-90-7	mg/kg	(1)					< 0.086 U
Chloroethane	75-00-3	mg/kg	(1)					< 0.012 U
Chloroform	67-66-3	mg/kg	(1)					< 0.087 U
Chloromethane	74-87-3	mg/kg	(1)					< 0.88 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	(1)					< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					< 0.014 U
Ethanol	64-17-5	mg/kg	(1)					< 3.7 U
Ethyl benzene	100-41-4	mg/kg	(1)					< 0.17 U
Ethylene Oxide	75-21-8	mg/kg	(1)					< 0.3 U
Isopropanol	67-63-0	mg/kg	(1)					< 0.79 U
Methylene chloride	75-09-2	mg/kg	(1)					< 0.012 U
m-Xylenes	108-38-3	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	(1)					< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	(1)					< 0.081 U
Toluene	108-88-3	mg/kg	(1)					< 0.078 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					< 0.28 U
Trichloroethene	79-01-6	mg/kg	(1)					< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)					< 0.59 U
Vinyl acetate	108-05-4	mg/kg	(1)					< 0.032 U
Vinyl chloride	75-01-4	mg/kg	(1)					< 0.62 U
Xylenes	1330-20-7	mg/kg	(1)					< 0.15 U
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)					25.8
Chloride	16887-00-6	mg/kg	(1)					< 6.05 U
Cyanide	57-12-5	mg/kg	(1)					< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)					< 3.62 U
Nitrate	14797-55-8	mg/kg	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)					< 0.6 U
Nitrite	14797-65-0	mg/kg	(1)					
Phosphate	14265-44-2	mg/kg	(1)					360
Phosphorus	7723-14-0	mg/kg	(1)					
Sulfate	14808-79-8	mg/kg	(1)					< 90.4 U
Sulfide	18496-25-8	mg/kg	(1)					< 6 U

Chemical Name	CAS No	Unit	Site Name	4	4	4	4	4
			Location ID	J-4-SS-009A	J-4-SS-010A	J-4-SS-011A	J-4-SS-012A	J-4-SS-013A
			Sample Date	4/30/1996	4/30/1996	4/30/1996	5/1/1996	4/3/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	4SS-9A(0-1)	4SS-10A(0-1)	4SS-11A(0-1)	4SS-12A(0-1)	4SS-13A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Hydrazine	302-01-2	mg/kg	(1)	< 0.053 U	< 0.053 U	< 0.053 U	< 0.053 U	
Monomethyl hydrazine	60-34-4	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
Picric Acid	88-89-1	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetrazene	14097-21-3	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)	8230	15200	20700	12100	
Antimony	7440-36-0	mg/kg	(1)	0.49	0.32	0.7	0.31	
Arsenic	7440-38-2	mg/kg	(1)	4.35	5.6	11.4	3.77	
Barium	7440-39-3	mg/kg	(1)	30.1	35.7	78.5	21.5	
Beryllium	7440-41-7	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	
Boron	7440-42-8	mg/kg	(1)	10.5	< 5.91 U	13.8	< 5.91 U	
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Calcium	7440-70-2	mg/kg	(1)	2580	452	627	267	
Chromium	7440-47-3	mg/kg	(1)	15.5	19.2	23.9	16.2	
Cobalt	7440-48-4	mg/kg	(1)	7.87	4.39	7.27	5.53	
Copper	7440-50-8	mg/kg	(1)	19.4	15.2	28	13.4	
Iron	7439-89-6	mg/kg	(1)	18000	20100	24000	21900	
Lead	7439-92-1	mg/kg	(1)	54.3	29.2	59.5	26.7	
Magnesium	7439-95-4	mg/kg	(1)	4100	2200	2300	2790	
Manganese	7439-96-5	mg/kg	(1)	210	266	239	227	
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	0.07	0.09	< 0.05 U	
Nickel	7440-02-0	mg/kg	(1)	16.4	13.1	22.7	16.1	
Potassium	7440-09-7	mg/kg	(1)	1340	475	604	393	
Selenium	7782-49-2	mg/kg	(1)	1.47	1.42	2.08	0.96	
Silver	7440-22-4	mg/kg	(1)	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	(1)	441	385	509	383	
Strontium	7440-24-6	mg/kg	(1)	10.2	7.94	8.16	5.42	
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	0.18	0.36	0.14	
Titanium	7440-32-6	mg/kg	(1)	388	542	762	434	
Vanadium	7440-62-2	mg/kg	(1)	27.5	34.5	47.3	31.9	
Zinc	7440-66-6	mg/kg	(1)	72.7	39.3	56.4	39.2	
Zirconium	7440-67-7	mg/kg	(1)	3.78	5.88	5.68	4.29	
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)					< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	(1)					< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	(1)					< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	(1)					< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	(1)					< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	(1)					1.4 N
Aroclor 1260	11096-82-5	mg/kg	(1)					< 0.0804 UJ
Pesticides								
Diazinon	333-41-5	mg/kg	(1)					
Malathion	121-75-5	mg/kg	(1)					
Mirex	2385-85-5	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-009A	J-4-SS-010A	J-4-SS-011A	J-4-SS-012A	J-4-SS-013A
			Sample Date	4/30/1996	4/30/1996	4/30/1996	5/1/1996	4/3/1996
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	4SS-9A(0-1)	4SS-10A(0-1)	4SS-11A(0-1)	4SS-12A(0-1)	4SS-13A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg	(1)	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	
Acenaphthene	83-32-9	mg/kg	(1)	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Aniline	62-53-3	mg/kg	(1)	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	
Anthracene	120-12-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	
Benzyl alcohol	100-51-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Carbazole	86-74-8	mg/kg	(1)	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	
Chrysene	218-01-9	mg/kg	(1)	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
Diphenylamine	122-39-4	mg/kg	(1)	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	
Fluoranthene	206-44-0	mg/kg	(1)	< 0.068 U	< 0.068 U	0.12	< 0.068 U	
Fluorene	86-73-7	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Isophorone	78-59-1	mg/kg	(1)	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Naphthalene	91-20-3	mg/kg	(1)	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	
Phenanthrene	85-01-8	mg/kg	(1)	< 0.033 U	< 0.033 U	0.07	< 0.033 U	
Phenol	108-95-2	mg/kg	(1)	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	
Pyrene	129-00-0	mg/kg	(1)	< 0.033 U	0.07	0.1	< 0.033 U	

Chemical Name	CAS No	Unit	Sample Matrix ValueNo	Site Name	Location ID	Sample Date	Depth Interval	Sample ID
				4	J-4-SS-009A	4/30/1996	0 - 1	4SS-9A(0-1)
				4	J-4-SS-010A	4/30/1996	0 - 1	4SS-10A(0-1)
				4	J-4-SS-011A	4/30/1996	0 - 1	4SS-11A(0-1)
				4	J-4-SS-012A	5/1/1996	0 - 1	4SS-12A(0-1)
				4	J-4-SS-013A	4/3/1996	0 - 1	4SS-13A(0-1)
			SO					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	
Gasoline range organics	GRO	mg/kg	(1)	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)					
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)	< 8 U	< 8 U	< 8 U	< 8 U	
TRPH	TRPH	mg/kg	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
2-Butanone	78-93-3	mg/kg	(1)	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	
Acetone	67-64-1	mg/kg	(1)	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	
Acetonitrile	75-05-8	mg/kg	(1)	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Benzene	71-43-2	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Bromoform	75-25-2	mg/kg	(1)	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
Bromomethane	74-83-9	mg/kg	(1)	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	
Chloroethane	75-00-3	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Chloroform	67-66-3	mg/kg	(1)	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	
Chloromethane	74-87-3	mg/kg	(1)	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	
Ethanol	64-17-5	mg/kg	(1)	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Ethylene Oxide	75-21-8	mg/kg	(1)	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
Isopropanol	67-63-0	mg/kg	(1)	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	
Methylene chloride	75-09-2	mg/kg	(1)	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
m-Xylenes	108-38-3	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	
Toluene	108-88-3	mg/kg	(1)	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichloroethene	79-01-6	mg/kg	(1)	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	
Vinyl acetate	108-05-4	mg/kg	(1)	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Xylenes	1330-20-7	mg/kg	(1)	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)	167	116	239	63.7	
Chloride	16887-00-6	mg/kg	(1)	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	
Fluoride	16984-48-8	mg/kg	(1)	< 3.62 U	< 3.62 U	< 3.62 U	< 3.62 U	
Nitrate	14797-55-8	mg/kg	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)	6.27	< 0.6 U	0.93	< 0.6 U	
Nitrite	14797-65-0	mg/kg	(1)					
Phosphate	14265-44-2	mg/kg	(1)	730	440	660	< 7.49 U	
Phosphorus	7723-14-0	mg/kg	(1)					
Sulfate	14808-79-8	mg/kg	(1)	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg	(1)	< 6 U	< 6 U	< 6 U	< 6 U	

Chemical Name	CAS No	Unit	Site Name	4	4	4	4	4
			Location ID	J-4-SS-014A	J-4-SS-015A	J-4-TP-001	J-4-TP-001	J-4-TP-001
			Sample Date	4/3/1996	4/3/1996	11/13/1996	11/13/1996	11/13/1996
			Depth Interval	0 - 1	0 - 1	1.5 - 2	2.5 - 3	4 - 4.9
			Sample ID	4SS-14A(0-1)	4SS-15A(0-1)	4TP-1A(1.5-2)	4TP-1B(2.5-3)	4TP-1C(4-4.9)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Alcohol								
Ethylene glycol	107-21-1	mg/kg	(1)					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Hydrazine	302-01-2	mg/kg	(1)					
Monomethyl hydrazine	60-34-4	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrocellulose	9004-70-0	mg/kg	(1)					
Nitroglycerin	55-63-0	mg/kg	(1)					
Nitroguanidine	556-88-7	mg/kg	(1)					
PETN	78-11-5	mg/kg	(1)					
Picric Acid	88-89-1	mg/kg	(1)					
RDX	121-82-4	mg/kg	(1)					
Tetrazene	14097-21-3	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)					
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
Isotope								
Radium-228	15262-20-1	pCi/g	(1)					
Metals								
Aluminum	7429-90-5	mg/kg	(1)			13000	16500	14300
Antimony	7440-36-0	mg/kg	(1)			< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)			3.9	5.71	5.38
Barium	7440-39-3	mg/kg	(1)			44.3	50.9	40.6
Beryllium	7440-41-7	mg/kg	(1)			1.09	1.57	1.19
Boron	7440-42-8	mg/kg	(1)			< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)			< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)			534	426	307
Chromium	7440-47-3	mg/kg	(1)			13.4	14.3	13.1
Cobalt	7440-48-4	mg/kg	(1)			6.74	5.23	2.94
Copper	7440-50-8	mg/kg	(1)			10.3	8.28	6.46
Iron	7439-89-6	mg/kg	(1)			16700	19900	19800
Lead	7439-92-1	mg/kg	(1)			14.3	13.5	10.6
Magnesium	7439-95-4	mg/kg	(1)			1630	1400	1150
Manganese	7439-96-5	mg/kg	(1)			274	296	107
Mercury	7439-97-6	mg/kg	(1)			< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)			10.4	10.1	8.53
Potassium	7440-09-7	mg/kg	(1)			350	277	211
Selenium	7782-49-2	mg/kg	(1)			1.09	1.28	0.86
Silver	7440-22-4	mg/kg	(1)			< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)			309	316	314
Strontium	7440-24-6	mg/kg	(1)			9.33	11.7	10.3
Thallium	7440-28-0	mg/kg	(1)			0.13	0.25	0.23
Titanium	7440-32-6	mg/kg	(1)			489	575	548
Vanadium	7440-62-2	mg/kg	(1)			27.6	32	27.6
Zinc	7440-66-6	mg/kg	(1)			24.6	44.6	24.7
Zirconium	7440-67-7	mg/kg	(1)			7.19	9.11	8.06
PCBs								
Aroclor 1016	12674-11-2	mg/kg	(1)	< 0.0666 U	< 0.0666 U			
Aroclor 1221	11104-28-2	mg/kg	(1)	< 0.082 UT	< 0.082 UT			
Aroclor 1232	11141-16-5	mg/kg	(1)	< 0.082 UT	< 0.082 UT			
Aroclor 1242	53469-21-9	mg/kg	(1)	< 0.082 UT	< 0.082 UT			
Aroclor 1248	12672-29-6	mg/kg	(1)	< 0.082 UT	< 0.082 UT			
Aroclor 1254	11097-69-1	mg/kg	(1)	2.7 N	0.35 N			
Aroclor 1260	11096-82-5	mg/kg	(1)	< 0.0804 UJ	< 0.0804 UJ			
Pesticides								
Diazinon	333-41-5	mg/kg	(1)					
Malathion	121-75-5	mg/kg	(1)					
Mirex	2385-85-5	mg/kg	(1)					
Radiological								
Americium-241	86954-36-1	pCi/g	(1)					
Cesium-137	10045-97-3	pCi/g	(1)					
Cobalt-60	10198-40-0	pCi/g	(1)					
Gross Alpha	12587-46-1	pCi/g	(1)					
Gross Beta	12587-47-2	pCi/g	(1)					
Radium-226	13982-63-3	pCi/g	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-014A	J-4-SS-015A	J-4-TP-001	J-4-TP-001	J-4-TP-001
			Sample Date	4/3/1996	4/3/1996	11/13/1996	11/13/1996	11/13/1996
			Depth Interval	0 - 1	0 - 1	1.5 - 2	2.5 - 3	4 - 4.9
			Sample ID	4SS-14A(0-1)	4SS-15A(0-1)	4TP-1A(1.5-2)	4TP-1B(2.5-3)	4TP-1C(4-4.9)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Radium-228	15262-20-1	pCi/g	(1)					
Total Uranium	7440-61-1 U	mg/kg	(1)					
Uranium-234	13966-29-5	pCi/g	(1)					
Uranium-235	15117-96-1	pCi/g	(1)					
Uranium-238	7440-61-1 U-238	pCi/g	(1)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					
2-Chloronaphthalene	91-58-7	mg/kg	(1)					
2-Chlorophenol	95-57-8	mg/kg	(1)					
2-Methylnaphthalene	91-57-6	mg/kg	(1)					
2-Methylphenol	95-48-7	mg/kg	(1)					
2-Nitroaniline	88-74-4	mg/kg	(1)					
2-Nitrophenol	88-75-5	mg/kg	(1)					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					
3-Nitroaniline	99-09-2	mg/kg	(1)					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					
4-Chloroaniline	106-47-8	mg/kg	(1)					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					
4-Methylphenol	106-44-5	mg/kg	(1)					
4-Nitroaniline	100-01-6	mg/kg	(1)					
4-Nitrophenol	100-02-7	mg/kg	(1)					
Acenaphthene	83-32-9	mg/kg	(1)					
Acenaphthylene	208-96-8	mg/kg	(1)					
Aniline	62-53-3	mg/kg	(1)					
Anthracene	120-12-7	mg/kg	(1)					
Benz(a)anthracene	56-55-3	mg/kg	(1)					
Benzo(a)pyrene	50-32-8	mg/kg	(1)					
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)					
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)					
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)					
Benzyl alcohol	100-51-6	mg/kg	(1)					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					
Carbazole	86-74-8	mg/kg	(1)					
Chrysene	218-01-9	mg/kg	(1)					
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)					
Dibenzofuran	132-64-9	mg/kg	(1)					
Diethylphthalate	84-66-2	mg/kg	(1)					
Dimethylphthalate	131-11-3	mg/kg	(1)					
di-n-Butylphthalate	84-74-2	mg/kg	(1)					
di-n-Octylphthalate	117-84-0	mg/kg	(1)					
Diphenylamine	122-39-4	mg/kg	(1)					
Fluoranthene	206-44-0	mg/kg	(1)					
Fluorene	86-73-7	mg/kg	(1)					
Hexachlorobenzene	118-74-1	mg/kg	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					
Hexachloroethane	67-72-1	mg/kg	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)					
Isophorone	78-59-1	mg/kg	(1)					
Naphthalene	91-20-3	mg/kg	(1)					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					
Pentachlorophenol	87-86-5	mg/kg	(1)					
Phenanthrene	85-01-8	mg/kg	(1)					
Phenol	108-95-2	mg/kg	(1)					
Pyrene	129-00-0	mg/kg	(1)					

			Site Name	4	4	4	4	4
			Location ID	J-4-SS-014A	J-4-SS-015A	J-4-TP-001	J-4-TP-001	J-4-TP-001
			Sample Date	4/3/1996	4/3/1996	11/13/1996	11/13/1996	11/13/1996
			Depth Interval	0 - 1	0 - 1	1.5 - 2	2.5 - 3	4 - 4.9
			Sample ID	4SS-14A(0-1)	4SS-15A(0-1)	4TP-1A(1.5-2)	4TP-1B(2.5-3)	4TP-1C(4-4.9)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
TPH								
Diesel Fuel	68334-30-5	mg/kg	(1)					
Gasoline range organics	GRO	mg/kg	(1)					
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)					
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)					
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)					
TRPH	TRPH	mg/kg	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethanol	64-17-5	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
Ethylene Oxide	75-21-8	mg/kg	(1)					
Isopropanol	67-63-0	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
m-Xylenes	108-38-3	mg/kg	(1)					
o-Xylene	95-47-6	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
tert-Butylalcohol	75-65-0	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl acetate	108-05-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Solids	%Solid	%	(1)					
% Solids	%Solid	%	(2)					
Ammonia	7664-41-7	mg/kg	(1)					
Chloride	16887-00-6	mg/kg	(1)					
Cyanide	57-12-5	mg/kg	(1)			< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)					
Nitrate	14797-55-8	mg/kg	(1)					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)					
Nitrite	14797-65-0	mg/kg	(1)					
Phosphate	14265-44-2	mg/kg	(1)					
Phosphorus	7723-14-0	mg/kg	(1)					
Sulfate	14808-79-8	mg/kg	(1)					
Sulfide	18496-25-8	mg/kg	(1)					

			Site Name	4	4	4
			Location ID	J-4-TP-002	J-4-TP-002	J-4-TP-002
			Sample Date	11/12/1996	11/12/1996	11/12/1996
			Depth Interval	1 - 1.5	2.5 - 3	4.5 - 5
			Sample ID	4TP-2A(1-1.5)	4TP-2B(2.5-3)	4TP-2C(4.5-5)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Alcohol						
Ethylene glycol	107-21-1	mg/kg	(1)			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)			
HMX	2691-41-0	mg/kg	(1)			
Hydrazine	302-01-2	mg/kg	(1)			
Monomethyl hydrazine	60-34-4	mg/kg	(1)			
Nitrobenzene	98-95-3	mg/kg	(1)			
Nitrocellulose	9004-70-0	mg/kg	(1)			
Nitroglycerin	55-63-0	mg/kg	(1)			
Nitroguanidine	556-88-7	mg/kg	(1)			
PETN	78-11-5	mg/kg	(1)			
Picric Acid	88-89-1	mg/kg	(1)			
RDX	121-82-4	mg/kg	(1)			
Tetrazene	14097-21-3	mg/kg	(1)			
Tetryl	479-45-8	mg/kg	(1)			
Unsymmetrical dimethyl hydrazine	57-14-7	mg/kg	(1)			
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)			
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)			
Isotope						
Radium-228	15262-20-1	pCi/g	(1)			
Metals						
Aluminum	7429-90-5	mg/kg	(1)	10900	8190	11100
Antimony	7440-36-0	mg/kg	(1)	< 0.1 U	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	(1)	2.7	4.59	4.54
Barium	7440-39-3	mg/kg	(1)	41.8	37.8	38.2
Beryllium	7440-41-7	mg/kg	(1)	1.06	0.71	0.91
Boron	7440-42-8	mg/kg	(1)	< 5.91 U	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	(1)	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	(1)	776	2750	157
Chromium	7440-47-3	mg/kg	(1)	14.8	16.1	11.6
Cobalt	7440-48-4	mg/kg	(1)	6.41	5.8	6.57
Copper	7440-50-8	mg/kg	(1)	15.2	8.79	9.31
Iron	7439-89-6	mg/kg	(1)	5.99	12100	13500
Lead	7439-92-1	mg/kg	(1)	14.1	20.6	7.41
Magnesium	7439-95-4	mg/kg	(1)	2330	2860	1680
Manganese	7439-96-5	mg/kg	(1)	179	236	117
Mercury	7439-97-6	mg/kg	(1)	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	(1)	12.8	13.2	10.7
Potassium	7440-09-7	mg/kg	(1)	752	1300	273
Selenium	7782-49-2	mg/kg	(1)	0.63	0.6	0.87
Silver	7440-22-4	mg/kg	(1)	0.81	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	(1)	276	311	271
Strontium	7440-24-6	mg/kg	(1)	8.22	11.1	6.95
Thallium	7440-28-0	mg/kg	(1)	< 0.1 U	0.14	0.14
Titanium	7440-32-6	mg/kg	(1)	451	783	463
Vanadium	7440-62-2	mg/kg	(1)	24.4	16.5	21
Zinc	7440-66-6	mg/kg	(1)	52.9	28.1	23
Zirconium	7440-67-7	mg/kg	(1)	4.91	5.11	7.9
PCBs						
Aroclor 1016	12674-11-2	mg/kg	(1)			
Aroclor 1221	11104-28-2	mg/kg	(1)			
Aroclor 1232	11141-16-5	mg/kg	(1)			
Aroclor 1242	53469-21-9	mg/kg	(1)			
Aroclor 1248	12672-29-6	mg/kg	(1)			
Aroclor 1254	11097-69-1	mg/kg	(1)			
Aroclor 1260	11096-82-5	mg/kg	(1)			
Pesticides						
Diazinon	333-41-5	mg/kg	(1)			
Malathion	121-75-5	mg/kg	(1)			
Mirex	2385-85-5	mg/kg	(1)			
Radiological						
Americium-241	86954-36-1	pCi/g	(1)			
Cesium-137	10045-97-3	pCi/g	(1)			
Cobalt-60	10198-40-0	pCi/g	(1)			
Gross Alpha	12587-46-1	pCi/g	(1)			
Gross Beta	12587-47-2	pCi/g	(1)			
Radium-226	13982-63-3	pCi/g	(1)			

			Site Name	4	4	4
			Location ID	J-4-TP-002	J-4-TP-002	J-4-TP-002
			Sample Date	11/12/1996	11/12/1996	11/12/1996
			Depth Interval	1 - 1.5	2.5 - 3	4.5 - 5
			Sample ID	4TP-2A(1-1.5)	4TP-2B(2.5-3)	4TP-2C(4.5-5)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
Radium-228	15262-20-1	pCi/g	(1)			
Total Uranium	7440-61-1 U	mg/kg	(1)			
Uranium-234	13966-29-5	pCi/g	(1)			
Uranium-235	15117-96-1	pCi/g	(1)			
Uranium-238	7440-61-1 U-238	pCi/g	(1)			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)			
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)			
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)			
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)			
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)			
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)			
2,4-Dichlorophenol	120-83-2	mg/kg	(1)			
2,4-Dimethylphenol	105-67-9	mg/kg	(1)			
2,4-Dinitrophenol	51-28-5	mg/kg	(1)			
2-Chloronaphthalene	91-58-7	mg/kg	(1)			
2-Chlorophenol	95-57-8	mg/kg	(1)			
2-Methylnaphthalene	91-57-6	mg/kg	(1)			
2-Methylphenol	95-48-7	mg/kg	(1)			
2-Nitroaniline	88-74-4	mg/kg	(1)			
2-Nitrophenol	88-75-5	mg/kg	(1)			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)			
3-Nitroaniline	99-09-2	mg/kg	(1)			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)			
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)			
4-Chloroaniline	106-47-8	mg/kg	(1)			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)			
4-Methylphenol	106-44-5	mg/kg	(1)			
4-Nitroaniline	100-01-6	mg/kg	(1)			
4-Nitrophenol	100-02-7	mg/kg	(1)			
Acenaphthene	83-32-9	mg/kg	(1)			
Acenaphthylene	208-96-8	mg/kg	(1)			
Aniline	62-53-3	mg/kg	(1)			
Anthracene	120-12-7	mg/kg	(1)			
Benz(a)anthracene	56-55-3	mg/kg	(1)			
Benzo(a)pyrene	50-32-8	mg/kg	(1)			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)			
Benzyl alcohol	100-51-6	mg/kg	(1)			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)			
Butylbenzyl phthalate	85-68-7	mg/kg	(1)			
Carbazole	86-74-8	mg/kg	(1)			
Chrysene	218-01-9	mg/kg	(1)			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)			
Dibenzofuran	132-64-9	mg/kg	(1)			
Diethylphthalate	84-66-2	mg/kg	(1)			
Dimethylphthalate	131-11-3	mg/kg	(1)			
di-n-Butylphthalate	84-74-2	mg/kg	(1)			
di-n-Octylphthalate	117-84-0	mg/kg	(1)			
Diphenylamine	122-39-4	mg/kg	(1)			
Fluoranthene	206-44-0	mg/kg	(1)			
Fluorene	86-73-7	mg/kg	(1)			
Hexachlorobenzene	118-74-1	mg/kg	(1)			
Hexachlorobutadiene	87-68-3	mg/kg	(1)			
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)			
Hexachloroethane	67-72-1	mg/kg	(1)			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)			
Isophorone	78-59-1	mg/kg	(1)			
Naphthalene	91-20-3	mg/kg	(1)			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)			
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)			
Pentachlorophenol	87-86-5	mg/kg	(1)			
Phenanthrene	85-01-8	mg/kg	(1)			
Phenol	108-95-2	mg/kg	(1)			
Pyrene	129-00-0	mg/kg	(1)			

			Site Name	4	4	4
			Location ID	J-4-TP-002	J-4-TP-002	J-4-TP-002
			Sample Date	11/12/1996	11/12/1996	11/12/1996
			Depth Interval	1 - 1.5	2.5 - 3	4.5 - 5
			Sample ID	4TP-2A(1-1.5)	4TP-2B(2.5-3)	4TP-2C(4.5-5)
			Sample Matrix	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**			
TPH						
Diesel Fuel	68334-30-5	mg/kg	(1)			
Gasoline range organics	GRO	mg/kg	(1)			
Total Extractable Petroleum Hydrocarbons	TEPH	mg/kg	(1)			
Total Volatile Petroleum Hydrocarbons	TVPH	mg/kg	(1)			
TPH, aviation gas fraction	50815-00-4	mg/kg	(1)			
TRPH	TRPH	mg/kg	(1)			
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)			
1,1-Dichloroethane	75-34-3	mg/kg	(1)			
1,1-Dichloroethene	75-35-4	mg/kg	(1)			
1,2-Dichloroethane	107-06-2	mg/kg	(1)			
1,2-Dichloroethene (total)	540-59-0	mg/kg	(1)			
1,2-Dichloropropane	78-87-5	mg/kg	(1)			
2-Butanone	78-93-3	mg/kg	(1)			
2-Chloroethyl vinyl ether	110-75-8	mg/kg	(1)			
2-Hexanone	591-78-6	mg/kg	(1)			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)			
Acetone	67-64-1	mg/kg	(1)			
Acetonitrile	75-05-8	mg/kg	(1)			
Benzene	71-43-2	mg/kg	(1)			
Bromodichloromethane	75-27-4	mg/kg	(1)			
Bromoform	75-25-2	mg/kg	(1)			
Bromomethane	74-83-9	mg/kg	(1)			
Carbon disulfide	75-15-0	mg/kg	(1)			
Carbon tetrachloride	56-23-5	mg/kg	(1)			
Chlorobenzene	108-90-7	mg/kg	(1)			
Chloroethane	75-00-3	mg/kg	(1)			
Chloroform	67-66-3	mg/kg	(1)			
Chloromethane	74-87-3	mg/kg	(1)			
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)			
Dibromochloromethane	124-48-1	mg/kg	(1)			
Dichlorodifluoromethane	75-71-8	mg/kg	(1)			
Ethanol	64-17-5	mg/kg	(1)			
Ethyl benzene	100-41-4	mg/kg	(1)			
Ethylene Oxide	75-21-8	mg/kg	(1)			
Isopropanol	67-63-0	mg/kg	(1)			
Methylene chloride	75-09-2	mg/kg	(1)			
m-Xylenes	108-38-3	mg/kg	(1)			
o-Xylene	95-47-6	mg/kg	(1)			
Styrene	100-42-5	mg/kg	(1)			
tert-Butylalcohol	75-65-0	mg/kg	(1)			
Tetrachloroethene	127-18-4	mg/kg	(1)			
Toluene	108-88-3	mg/kg	(1)			
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)			
Trichloroethene	79-01-6	mg/kg	(1)			
Trichlorofluoromethane	75-69-4	mg/kg	(1)			
Vinyl acetate	108-05-4	mg/kg	(1)			
Vinyl chloride	75-01-4	mg/kg	(1)			
Xylenes	1330-20-7	mg/kg	(1)			
WetChem						
% Solids	%Solid	%	(1)			
% Solids	%Solid	%	(2)			
Ammonia	7664-41-7	mg/kg	(1)			
Chloride	16887-00-6	mg/kg	(1)			
Cyanide	57-12-5	mg/kg	(1)	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	(1)			
Nitrate	14797-55-8	mg/kg	(1)			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	(1)			
Nitrite	14797-65-0	mg/kg	(1)			
Phosphate	14265-44-2	mg/kg	(1)			
Phosphorus	7723-14-0	mg/kg	(1)			
Sulfate	14808-79-8	mg/kg	(1)			
Sulfide	18496-25-8	mg/kg	(1)			

		Site Name	55	55	55	55	55
		Location ID	H-55-GP-001	H-55-GP-002	H-55-GP-002	H-55-MW-001	H-55-MW-001
		Sample Date	4/6/2001	4/6/2001	4/6/2001	10/8/1996	12/19/2000
		Depth Interval	8.5 - 12	2.5 - 6	2.5 - 6	16.6 - 26.6	16.6 - 26.6
		Sample ID	55GP-1(20010406)	55GP-2(20010406)	55GP-2DUP(20010406)	55MW-1(19961008)	55MW-1(20001219)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.2 U	< 0.2 U	< 0.2 U	< 0.449 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.2 U	< 0.2 U	< 0.2 U	< 0.611 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.2 U	< 0.2 U	< 0.2 U	< 0.635 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	< 0.2 U	< 0.2 U	< 0.2 U		0.17 J
HMX	2691-41-0	ug/L	< 2.4 U	1.6	1.2	< 1.21 U	0.11 J
Nitrobenzene	98-95-3	ug/L	0.15 J	< 0.2 U	< 0.2 U	< 0.645 U	< 0.2 U
Nitrocellulose	9004-70-0	ug/L				< 553 U	
Nitroglycerin	55-63-0	ug/L				< 10 U	
Nitroguanidine	556-88-7	ug/L				< 30.9 U	
PETN	78-11-5	ug/L				< 20 U	
Picric Acid	88-89-1	ug/L				< 0.27 U	
RDX	121-82-4	ug/L	0.2 J	< 1.1 U	< 1.1 U	2.16	0.22 J
Tetrazene	14097-21-3	ug/L				< 40 U	
Tetryl	479-45-8	ug/L	< 0.2 U	< 0.2 U	< 0.2 U	< 1.56 U	< 0.2 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U	< 0.0637 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.2 U	< 0.2 U	< 0.2 U	< 0.0738 U	< 0.2 U
Metals							
Aluminum	7429-90-5	ug/L				< 23.5 U	
Antimony	7440-36-0	ug/L				< 1 U	
Arsenic	7440-38-2	ug/L				1.12	
Barium	7440-39-3	ug/L				8.79	
Beryllium	7440-41-7	ug/L				< 5 U	
Boron	7440-42-8	ug/L				< 50 U	
Cadmium	7440-43-9	ug/L				< 3.01 U	
Calcium	7440-70-2	ug/L				1970	
Chromium	7440-47-3	ug/L				< 6.96 U	
Cobalt	7440-48-4	ug/L				< 50 U	
Copper	7440-50-8	ug/L				< 5 U	
Iron	7439-89-6	ug/L				< 36.8 U	
Lead	7439-92-1	ug/L				< 1 U	
Magnesium	7439-95-4	ug/L				1380	
Manganese	7439-96-5	ug/L				6.07	
Mercury	7439-97-6	ug/L				< 0.243 U	
Nickel	7440-02-0	ug/L				< 7.11 U	
Potassium	7440-09-7	ug/L				< 1000 U	
Selenium	7782-49-2	ug/L				< 2 U	
Silver	7440-22-4	ug/L				< 4.42 U	
Sodium	7440-23-5	ug/L				2730	
Strontium	7440-24-6	ug/L				9.33	
Thallium	7440-28-0	ug/L				< 1 U	
Titanium	7440-32-6	ug/L				< 2 U	
Vanadium	7440-62-2	ug/L				< 4.69 U	
Zinc	7440-66-6	ug/L				< 35.8 U	
Zirconium	7440-67-7	ug/L				< 1 U	
PCBs							
Aroclor 1016	12674-11-2	ug/L				< 0.16 R	
Aroclor 1221	11104-28-2	ug/L				< 0.16 UT	
Aroclor 1232	11141-16-5	ug/L				< 0.16 UT	
Aroclor 1242	53469-21-9	ug/L				< 0.19 UT	
Aroclor 1248	12672-29-6	ug/L				< 0.19 UT	
Aroclor 1254	11097-69-1	ug/L				< 0.19 UT	
Aroclor 1260	11096-82-5	ug/L				< 0.19 U	
Pesticides							
4,4'-DDD	72-54-8	ug/L				< 0.0233 U	
4,4'-DDE	72-55-9	ug/L				< 0.027 U	
4,4'-DDT	50-29-3	ug/L				< 0.034 U	
Aldrin	309-00-2	ug/L				< 0.0918 U	
alpha-BHC	319-84-6	ug/L				< 0.0385 U	
alpha-Chlordane	5103-71-9	ug/L				< 0.075 UT	
beta-BHC	319-85-7	ug/L				< 0.024 U	
delta-BHC	319-86-8	ug/L				< 0.0293 U	
Diazinon	333-41-5	ug/L				< 0.188 UT	
Dieldrin	60-57-1	ug/L				< 0.024 U	
Endosulfan I	959-98-8	ug/L				< 0.023 U	
Endosulfan II	33213-65-9	ug/L				< 0.023 U	
Endosulfan sulfate	1031-07-8	ug/L				< 0.0786 U	
Endrin	72-20-8	ug/L				< 0.0238 U	
Endrin aldehyde	7421-93-4	ug/L				< 0.0285 U	
Endrin ketone	53494-70-5	ug/L				< 0.0285 UT	
gamma-BHC (Lindane)	58-89-9	ug/L				< 0.0507 U	
gamma-Chlordane	5103-74-2	ug/L				< 0.075 UT	

		Site Name	55	55	55	55	55
		Location ID	H-55-GP-001	H-55-GP-002	H-55-GP-002	H-55-MW-001	H-55-MW-001
		Sample Date	4/6/2001	4/6/2001	4/6/2001	10/8/1996	12/19/2000
		Depth Interval	8.5 - 12	2.5 - 6	2.5 - 6	16.6 - 26.6	16.6 - 26.6
		Sample ID	55GP-1(20010406)	55GP-2(20010406)	55GP-2DUP(20010406)	55MW-1(19961008)	55MW-1(20001219)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Heptachlor	76-44-8	ug/L				< 0.0423 U	
Heptachlor epoxide	1024-57-3	ug/L				< 0.0245 U	
Isodrin	465-73-6	ug/L				< 0.0562 U	
Malathion	121-75-5	ug/L				0.18 N	
Methoxychlor	72-43-5	ug/L				< 0.057 U	
Mirex	2385-85-5	ug/L				< 0.025 U	
Toxaphene	8001-35-2	ug/L				< 1.35 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L				< 0.51 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L				< 1.8 U	
1,2-Dichlorobenzene	95-50-1	ug/L				< 1.7 U	
1,3-Dichlorobenzene	541-73-1	ug/L				< 1.7 U	
1,4-Dichlorobenzene	106-46-7	ug/L				< 1.7 U	
2,4,5-Trichlorophenol	95-95-4	ug/L				< 5.2 U	
2,4,6-Trichlorophenol	88-06-2	ug/L				< 4.2 U	
2,4-Dichlorophenol	120-83-2	ug/L				< 2.9 U	
2,4-Dimethylphenol	105-67-9	ug/L				< 5.8 U	
2,4-Dinitrophenol	51-28-5	ug/L				< 21 U	
2-Chloronaphthalene	91-58-7	ug/L				< 0.5 U	
2-Chlorophenol	95-57-8	ug/L				< 0.99 U	
2-Methylnaphthalene	91-57-6	ug/L				< 1.7 U	
2-Methylphenol	95-48-7	ug/L				< 3.9 U	
2-Nitroaniline	88-74-4	ug/L				< 4.3 U	
2-Nitrophenol	88-75-5	ug/L				< 3.7 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L				< 12 U	
3-Nitroaniline	99-09-2	ug/L				< 4.9 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L				< 17 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L				< 4.2 U	
4-Chloro-3-methylphenol	59-50-7	ug/L				< 4 U	
4-Chloroaniline	106-47-8	ug/L				< 7.3 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L				< 5.1 U	
4-Methylphenol	106-44-5	ug/L				< 0.52 U#	
4-Nitroaniline	100-01-6	ug/L				< 5.2 U	
4-Nitrophenol	100-02-7	ug/L				< 12 U	
Acenaphthene	83-32-9	ug/L				< 1.7 U	
Acenaphthylene	208-96-8	ug/L				< 0.5 U	
Aniline	62-53-3	ug/L				< 4.4 U	
Anthracene	120-12-7	ug/L				< 0.5 U	
Benz(a)anthracene	56-55-3	ug/L				< 1.6 U	
Benzo(a)pyrene	50-32-8	ug/L				< 4.7 U	
Benzo(b)fluoranthene	205-99-2	ug/L				< 5.4 U	
Benzo(g,h,i)perylene	191-24-2	ug/L				< 6.1 U	
Benzo(k)fluoranthene	207-08-9	ug/L				< 0.87 U	
Benzoic Acid	65-85-0	ug/L				< 13 U	
Benzyl alcohol	100-51-6	ug/L				< 0.72 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L				< 1.5 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L				< 1.9 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L				< 5.3 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L				< 4.8 U	
Butylbenzyl phthalate	85-68-7	ug/L				< 3.4 U	
Carbazole	86-74-8	ug/L				< 2 U	
Chrysene	218-01-9	ug/L				< 2.4 U	
Dibenz(a,h)anthracene	53-70-3	ug/L				< 6.5 U	
Dibenzofuran	132-64-9	ug/L				< 1.7 U	
Diethylphthalate	84-66-2	ug/L				< 2 U	
Dimethylphthalate	131-11-3	ug/L				< 1.5 U	
di-n-Butylphthalate	84-74-2	ug/L				< 3.7 U	
di-n-Octylphthalate	117-84-0	ug/L				< 15 U	
Diphenylamine	122-39-4	ug/L				< 2.5 U	
Fluoranthene	206-44-0	ug/L				< 3.3 U	
Fluorene	86-73-7	ug/L				< 3.7 U	
Hexachlorobenzene	118-74-1	ug/L				< 1.6 U	
Hexachlorobutadiene	87-68-3	ug/L				< 3.4 U	
Hexachlorocyclopentadiene	77-47-4	ug/L				< 8.6 U	
Hexachloroethane	67-72-1	ug/L				< 1.5 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L				< 8.6 U	
Isophorone	78-59-1	ug/L				< 4.8 U	
Naphthalene	91-20-3	ug/L				< 0.5 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L				< 4.4 U	
n-Nitrosodiphenylamine	86-30-6	ug/L				< 3 U	
Pentachlorophenol	87-86-5	ug/L				< 0.042 R	
Phenanthrene	85-01-8	ug/L				< 0.5 U	
Phenol	108-95-2	ug/L				< 9.2 U	
Pyrene	129-00-0	ug/L				< 2.8 U	
TPH							
Diesel Range Organics	DRO	ug/L				< 340 U	
Gasoline range organics	GRO	ug/L				< 340 U	

		Site Name	55	55	55	55	55
		Location ID	H-55-GP-001	H-55-GP-002	H-55-GP-002	H-55-MW-001	H-55-MW-001
		Sample Date	4/6/2001	4/6/2001	4/6/2001	10/8/1996	12/19/2000
		Depth Interval	8.5 - 12	2.5 - 6	2.5 - 6	16.6 - 26.6	16.6 - 26.6
		Sample ID	55GP-1(20010406)	55GP-2(20010406)	55GP-2DUP(20010406)	55MW-1(19961008)	55MW-1(20001219)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
TPH, aviation gas fraction	50815-00-4	ug/L				< 340 U	
TRPH	TRPH	ug/L				< 181 U	
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L				< 0.5 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L				< 5 U	
1,1,2-Trichloroethane	79-00-5	ug/L				< 1.2 U	
1,1-Dichloroethane	75-34-3	ug/L				< 0.68 U	
1,1-Dichloroethene	75-35-4	ug/L				< 0.5 U	
1,2-Dichloroethane	107-06-2	ug/L				< 0.5 U	
1,2-Dichloroethene (total)	540-59-0	ug/L				< 0.5 U	
1,2-Dichloropropane	78-87-5	ug/L				< 0.5 U	
2-Butanone	78-93-3	ug/L				< 6.4 U	
2-Hexanone	591-78-6	ug/L				< 3.6 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L				< 3 U	
Acetone	67-64-1	ug/L				< 13 U	
Acetonitrile	75-05-8	ug/L				< 200 U	
Benzene	71-43-2	ug/L				< 0.5 U	
Bromodichloromethane	75-27-4	ug/L				< 0.59 U	
Bromoform	75-25-2	ug/L				< 2.6 U	
Bromomethane	74-83-9	ug/L				< 5.8 U	
Carbon disulfide	75-15-0	ug/L				< 0.5 U	
Carbon tetrachloride	56-23-5	ug/L				< 0.58 U	
Chlorobenzene	108-90-7	ug/L				< 0.5 U	
Chloroethane	75-00-3	ug/L				< 1.9 U	
Chloroform	67-66-3	ug/L				< 0.5 U	
Chloromethane	74-87-3	ug/L				< 3.2 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L				< 0.58 U	
Dibromochloromethane	124-48-1	ug/L				< 0.67 U	
Dichlorodifluoromethane	75-71-8	ug/L				< 6.9 U	
Ethanol	64-17-5	ug/L				< 2000 U	
Ethyl benzene	100-41-4	ug/L				< 0.5 U	
Isopropanol	67-63-0	ug/L				< 400 U	
Methylene chloride	75-09-2	ug/L				< 2.3 U	
Styrene	100-42-5	ug/L				< 0.5 U	
tert-Butylalcohol	75-65-0	ug/L				< 500 U	
Tetrachloroethene	127-18-4	ug/L				< 1.6 U	
Toluene	108-88-3	ug/L				< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L				< 0.7 U	
Trichloroethene	79-01-6	ug/L				< 0.5 U	
Trichlorofluoromethane	75-69-4	ug/L				< 1.4 U	
Vinyl acetate	108-05-4	ug/L				< 8.3 U	
Vinyl chloride	75-01-4	ug/L				< 2.6 U	
Xylenes	1330-20-7	ug/L				< 0.84 U	
WetChem							
Ammonia	7664-41-7	ug/L				76.8	
Chloride	16887-00-6	ug/L				6700	
Cyanide	57-12-5	ug/L				< 2.5 U	
Fluoride	16984-48-8	ug/L				< 1230 U	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L				150	
Phosphate	14265-44-2	ug/L				< 13.3 U	
Sulfate	14808-79-8	ug/L				< 10000 U	
Sulfide	18496-25-8	ug/L				< 50 U	

		Site Name	55	55	55	55	55
		Location ID	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-MW-003
		Sample Date	10/8/1996	12/19/2000	10/8/1996	10/8/1996	12/19/2000
		Depth Interval	15.69 - 25.69	15.69 - 25.69	16.21 - 26.21	16.21 - 26.21	16.21 - 26.21
		Sample ID	55MW-2(19961008)	55MW-2(20001219)	55MW-3(19961008)	55MW-3DUP(19961008)	55MW-3(20001219)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.2 U	< 0.449 U	< 0.449 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.2 U	< 0.611 U	< 0.611 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	8.51	0.2	< 0.635 U	< 0.635 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L		0.21			< 0.2 U
2-Nitrotoluene	88-72-2	ug/L		< 0.2 U			< 0.2 U
3-Nitrotoluene	99-08-1	ug/L		< 0.2 U			< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L		0.31			< 0.2 U
4-Nitrotoluene	99-99-0	ug/L		< 0.2 U			< 0.2 U
HMX	2691-41-0	ug/L	6.68	0.64	2.92	3.02	0.68
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.2 U	< 0.645 U	< 0.645 U	< 0.2 U
Nitrocellulose	9004-70-0	ug/L	< 553 U		< 553 U	< 553 U	
Nitroglycerin	55-63-0	ug/L	< 10 U		< 10 U	< 10 U	
Nitroguanidine	556-88-7	ug/L	< 30.9 U		< 30.9 U	< 30.9 U	
PETN	78-11-5	ug/L	< 20 U		< 20 U	< 20 U	
Picric Acid	88-89-1	ug/L	0.68		< 0.27 U	< 0.27 U	
RDX	121-82-4	ug/L	27.6	0.88	< 1.17 U	< 1.17 U	0.31 J
Tetrazene	14097-21-3	ug/L	< 40 U		< 40 U	< 40 U	
Tetryl	479-45-8	ug/L	< 1.56 U	< 0.2 U	< 1.56 U	< 1.56 U	< 0.2 U
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.2 U	< 0.0637 U	< 0.0637 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.2 U	< 0.0738 U	< 0.0738 U	< 0.2 U
Metals							
Aluminum	7429-90-5	ug/L	< 23.5 U		34.3	63	
Antimony	7440-36-0	ug/L	< 1 U		< 1 U	< 1 U	
Arsenic	7440-38-2	ug/L	< 1 U		1.63	< 1 U	
Barium	7440-39-3	ug/L	10.9		9.65	11.5	
Beryllium	7440-41-7	ug/L	< 5 U		< 5 U	< 5 U	
Boron	7440-42-8	ug/L	< 50 U		< 50 U	< 50 U	
Cadmium	7440-43-9	ug/L	< 3.01 U		< 3.01 U	< 3.01 U	
Calcium	7440-70-2	ug/L	2420		16000	16200	
Chromium	7440-47-3	ug/L	< 6.96 U		< 6.96 U	< 6.96 U	
Cobalt	7440-48-4	ug/L	< 50 U		< 50 U	< 50 U	
Copper	7440-50-8	ug/L	< 5 U		< 5 U	< 5 U	
Iron	7439-89-6	ug/L	< 36.8 U		43.2	103	
Lead	7439-92-1	ug/L	3.59		9.44	9.65	
Magnesium	7439-95-4	ug/L	1110		4490	4730	
Manganese	7439-96-5	ug/L	6.22		8.17	9.51	
Mercury	7439-97-6	ug/L	< 0.243 U		< 0.243 U	< 0.243 U	
Nickel	7440-02-0	ug/L	< 7.11 U		< 7.11 U	< 7.11 U	
Potassium	7440-09-7	ug/L	< 1000 U		2440	2260	
Selenium	7782-49-2	ug/L	< 2 U		< 2 U	< 2 U	
Silver	7440-22-4	ug/L	< 4.42 U		< 4.42 U	< 4.42 U	
Sodium	7440-23-5	ug/L	< 2290 U		7300	7500	
Strontium	7440-24-6	ug/L	13.6		85.1	83.8	
Thallium	7440-28-0	ug/L	< 1 U		< 1 U	< 1 U	
Titanium	7440-32-6	ug/L	< 2 U		< 2 U	< 2 U	
Vanadium	7440-62-2	ug/L	< 4.69 U		< 4.69 U	< 4.69 U	
Zinc	7440-66-6	ug/L	< 35.8 U		170	< 35.8 U	
Zirconium	7440-67-7	ug/L	< 1 U		< 1 U	< 1 U	
PCBs							
Aroclor 1016	12674-11-2	ug/L	< 0.16 R		< 0.16 UJ	< 0.16 R	
Aroclor 1221	11104-28-2	ug/L	< 0.16 UT		< 0.16 UTJ	< 0.16 UT	
Aroclor 1232	11141-16-5	ug/L	< 0.16 UT		< 0.16 UTJ	< 0.16 UT	
Aroclor 1242	53469-21-9	ug/L	< 0.19 UT		< 0.19 UTJ	< 0.19 UT	
Aroclor 1248	12672-29-6	ug/L	< 0.19 UT		< 0.19 UTJ	< 0.19 UT	
Aroclor 1254	11097-69-1	ug/L	< 0.19 UT		< 0.19 UTJ	< 0.19 UT	
Aroclor 1260	11096-82-5	ug/L	< 0.19 U		< 0.19 UJ	< 0.19 U	
Pesticides							
4,4'-DDD	72-54-8	ug/L	< 0.0233 U		< 0.0233 U	< 0.0233 U	
4,4'-DDE	72-55-9	ug/L	< 0.027 U		< 0.027 U	< 0.027 U	
4,4'-DDT	50-29-3	ug/L	< 0.034 U		< 0.034 U	< 0.034 U	
Aldrin	309-00-2	ug/L	< 0.0918 U		< 0.0918 U	< 0.0918 U	
alpha-BHC	319-84-6	ug/L	< 0.0385 U		< 0.0385 U	< 0.0385 U	
alpha-Chlordane	5103-71-9	ug/L	< 0.075 UT		< 0.075 UT	< 0.075 UT	
beta-BHC	319-85-7	ug/L	< 0.024 U		< 0.024 U	< 0.024 U	
delta-BHC	319-86-8	ug/L	< 0.0293 U		< 0.0293 U	< 0.0293 U	
Diazinon	333-41-5	ug/L	< 0.188 UT		< 0.188 UT	< 0.188 UT	
Dieldrin	60-57-1	ug/L	< 0.024 U		< 0.024 U	< 0.024 U	
Endosulfan I	959-98-8	ug/L	< 0.023 U		< 0.023 U	< 0.023 U	
Endosulfan II	33213-65-9	ug/L	< 0.023 U		< 0.023 U	< 0.023 U	
Endosulfan sulfate	1031-07-8	ug/L	< 0.0786 U		< 0.0786 U	< 0.0786 U	
Endrin	72-20-8	ug/L	< 0.0238 U		< 0.0238 U	< 0.0238 U	
Endrin aldehyde	7421-93-4	ug/L	< 0.0285 U		< 0.0285 U	< 0.0285 U	
Endrin ketone	53494-70-5	ug/L	< 0.0285 UT		< 0.0285 UT	< 0.0285 UT	
gamma-BHC (Lindane)	58-89-9	ug/L	< 0.0507 U		< 0.0507 U	< 0.0507 U	
gamma-Chlordane	5103-74-2	ug/L	< 0.075 UT		< 0.075 UT	< 0.075 UT	

		Site Name	55	55	55	55	55
		Location ID	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-MW-003
		Sample Date	10/8/1996	12/19/2000	10/8/1996	10/8/1996	12/19/2000
		Depth Interval	15.69 - 25.69	15.69 - 25.69	16.21 - 26.21	16.21 - 26.21	16.21 - 26.21
		Sample ID	55MW-2(19961008)	55MW-2(20001219)	55MW-3(19961008)	55MW-3DUP(19961008)	55MW-3(20001219)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
Heptachlor	76-44-8	ug/L	< 0.0423 U		< 0.0423 U	< 0.0423 U	
Heptachlor epoxide	1024-57-3	ug/L	< 0.0245 U		< 0.0245 U	< 0.0245 U	
Isodrin	465-73-6	ug/L	< 0.0562 U		< 0.0562 U	< 0.0562 U	
Malathion	121-75-5	ug/L	0.18 N		0.18 N	0.18 N	
Methoxychlor	72-43-5	ug/L	< 0.057 U		< 0.057 U	< 0.057 U	
Mirex	2385-85-5	ug/L	< 0.025 U		< 0.025 U	< 0.025 U	
Toxaphene	8001-35-2	ug/L	< 1.35 U		< 1.35 U	< 1.35 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U		< 0.51 U	< 0.51 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U		< 1.8 U	< 1.8 U	
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U		< 1.7 U	< 1.7 U	
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U		< 1.7 U	< 1.7 U	
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U		< 1.7 U	< 1.7 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U		< 5.2 U	< 5.2 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U		< 4.2 U	< 4.2 U	
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U		< 2.9 U	< 2.9 U	
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U		< 5.8 U	< 5.8 U	
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U		< 21 U	< 21 U	
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
2-Chlorophenol	95-57-8	ug/L	< 0.99 U		< 0.99 U	< 0.99 U	
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U		< 1.7 U	< 1.7 U	
2-Methylphenol	95-48-7	ug/L	< 3.9 U		< 3.9 U	< 3.9 U	
2-Nitroaniline	88-74-4	ug/L	< 4.3 U		< 4.3 U	< 4.3 U	
2-Nitrophenol	88-75-5	ug/L	< 3.7 U		< 3.7 U	< 3.7 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U		< 12 U	< 12 U	
3-Nitroaniline	99-09-2	ug/L	< 4.9 U		< 4.9 U	< 4.9 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U		< 17 U	< 17 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U		< 4.2 U	< 4.2 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U		< 4 U	< 4 U	
4-Chloroaniline	106-47-8	ug/L	< 7.3 U		< 7.3 U	< 7.3 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U		< 5.1 U	< 5.1 U	
4-Methylphenol	106-44-5	ug/L	< 0.52 U#		< 0.52 U#	< 0.52 U#	
4-Nitroaniline	100-01-6	ug/L	< 5.2 U		< 5.2 U	< 5.2 U	
4-Nitrophenol	100-02-7	ug/L	< 12 U		< 12 U	< 12 U	
Acenaphthene	83-32-9	ug/L	< 1.7 U		< 1.7 U	< 1.7 U	
Acenaphthylene	208-96-8	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Aniline	62-53-3	ug/L	< 4.4 U		< 4.4 U	< 4.4 U	
Anthracene	120-12-7	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U		< 1.6 U	< 1.6 U	
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U		< 4.7 U	< 4.7 U	
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U		< 5.4 U	< 5.4 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U		< 6.1 U	< 6.1 U	
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U		< 0.87 U	< 0.87 U	
Benzoic Acid	65-85-0	ug/L	< 13 U		< 13 U	< 13 U	
Benzyl alcohol	100-51-6	ug/L	< 0.72 U		< 0.72 U	< 0.72 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U		< 1.5 U	< 1.5 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U		< 1.9 U	< 1.9 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U		< 5.3 U	< 5.3 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U		< 4.8 U	< 4.8 U	
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U		< 3.4 U	< 3.4 U	
Carbazole	86-74-8	ug/L	< 2 U		< 2 U	< 2 U	
Chrysene	218-01-9	ug/L	< 2.4 U		< 2.4 U	< 2.4 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U		< 6.5 U	< 6.5 U	
Dibenzofuran	132-64-9	ug/L	< 1.7 U		< 1.7 U	< 1.7 U	
Diethylphthalate	84-66-2	ug/L	< 2 U		< 2 U	< 2 U	
Dimethylphthalate	131-11-3	ug/L	< 1.5 U		< 1.5 U	< 1.5 U	
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U		< 3.7 U	< 3.7 U	
di-n-Octylphthalate	117-84-0	ug/L	< 15 U		< 15 U	< 15 U	
Diphenylamine	122-39-4	ug/L	< 2.5 U		< 2.5 U	< 2.5 U	
Fluoranthene	206-44-0	ug/L	< 3.3 U		< 3.3 U	< 3.3 U	
Fluorene	86-73-7	ug/L	< 3.7 U		< 3.7 U	< 3.7 U	
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U		< 1.6 U	< 1.6 U	
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U		< 3.4 U	< 3.4 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U		< 8.6 U	< 8.6 U	
Hexachloroethane	67-72-1	ug/L	< 1.5 U		< 1.5 U	< 1.5 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U		< 8.6 U	< 8.6 U	
Isophorone	78-59-1	ug/L	< 4.8 U		< 4.8 U	< 4.8 U	
Naphthalene	91-20-3	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U		< 4.4 U	< 4.4 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U		< 3 U	< 3 U	
Pentachlorophenol	87-86-5	ug/L	< 0.042 R		< 0.042 R	< 0.042 R	
Phenanthrene	85-01-8	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Phenol	108-95-2	ug/L	< 9.2 U		< 9.2 U	< 9.2 U	
Pyrene	129-00-0	ug/L	< 2.8 U		< 2.8 U	< 2.8 U	
TPH							
Diesel Range Organics	DRO	ug/L	< 340 U		< 340 U	< 340 U	
Gasoline range organics	GRO	ug/L	< 340 U		< 340 U	< 340 U	

		Site Name	55	55	55	55	55
		Location ID	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-MW-003
		Sample Date	10/8/1996	12/19/2000	10/8/1996	10/8/1996	12/19/2000
		Depth Interval	15.69 - 25.69	15.69 - 25.69	16.21 - 26.21	16.21 - 26.21	16.21 - 26.21
		Sample ID	55MW-2(19961008)	55MW-2(20001219)	55MW-3(19961008)	55MW-3DUP(19961008)	55MW-3(20001219)
		Sample Matrix	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit					
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U		< 340 U	< 340 U	
TRPH	TRPH	ug/L	< 190 U		< 174 U	< 176 U	
VOC							
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U		< 5 U	< 5 U	
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U		< 1.2 U	< 1.2 U	
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U		< 0.68 U	< 0.68 U	
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
2-Butanone	78-93-3	ug/L	< 6.4 U		< 6.4 U	< 6.4 U	
2-Hexanone	591-78-6	ug/L	< 3.6 U		< 3.6 U	< 3.6 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U		< 3 U	< 3 U	
Acetone	67-64-1	ug/L	< 13 U		< 13 U	< 13 U	
Acetonitrile	75-05-8	ug/L	< 200 U		< 200 U	< 200 U	
Benzene	71-43-2	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Bromodichloromethane	75-27-4	ug/L	< 0.59 U		< 0.59 U	< 0.59 U	
Bromoform	75-25-2	ug/L	< 2.6 U		< 2.6 U	< 2.6 U	
Bromomethane	74-83-9	ug/L	< 5.8 U		< 5.8 U	< 5.8 U	
Carbon disulfide	75-15-0	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U		< 0.58 U	< 0.58 U	
Chlorobenzene	108-90-7	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Chloroethane	75-00-3	ug/L	< 1.9 U		< 1.9 U	< 1.9 U	
Chloroform	67-66-3	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Chloromethane	74-87-3	ug/L	< 3.2 U		< 3.2 U	< 3.2 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U		< 0.58 U	< 0.58 U	
Dibromochloromethane	124-48-1	ug/L	< 0.67 U		< 0.67 U	< 0.67 U	
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U		< 6.9 U	< 6.9 U	
Ethanol	64-17-5	ug/L	< 2000 U		< 2000 U	< 2000 U	
Ethyl benzene	100-41-4	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Isopropanol	67-63-0	ug/L	< 400 U		< 400 U	< 400 U	
Methylene chloride	75-09-2	ug/L	< 2.3 U		< 2.3 U	< 2.3 U	
Styrene	100-42-5	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
tert-Butylalcohol	75-65-0	ug/L	< 500 U		< 500 U	< 500 U	
Tetrachloroethene	127-18-4	ug/L	< 1.6 U		< 1.6 U	< 1.6 U	
Toluene	108-88-3	ug/L	< 0.5 U		< 0.5 U	0.66	
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U		< 0.7 U	< 0.7 U	
Trichloroethene	79-01-6	ug/L	< 0.5 U		< 0.5 U	< 0.5 U	
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U		< 1.4 U	< 1.4 U	
Vinyl acetate	108-05-4	ug/L	< 8.3 U		< 8.3 U	< 8.3 U	
Vinyl chloride	75-01-4	ug/L	< 2.6 U		< 2.6 U	< 2.6 U	
Xylenes	1330-20-7	ug/L	< 0.84 U		< 0.84 U	< 0.84 U	
WetChem							
Ammonia	7664-41-7	ug/L	< 60 U		< 60 U	< 60 U	
Chloride	16887-00-6	ug/L	4610		3950	3950	
Cyanide	57-12-5	ug/L	< 2.5 U		< 2.5 U	< 2.5 U	
Fluoride	16984-48-8	ug/L	< 1230 U		< 1230 U	< 1230 U	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	210		390	340	
Phosphate	14265-44-2	ug/L	< 13.3 U		25.1	17.4	
Sulfate	14808-79-8	ug/L	< 10000 U		11000	11000	
Sulfide	18496-25-8	ug/L	< 50 U		< 50 U	< 50 U	

Chemical Name	CAS No	Unit	Site Name: 55	55	55	55	55	55	55
			Location ID: H-55-MW-001	H-55-MW-001	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-SB-001
			Sample Date: 7/27/1996	7/27/1996	5/7/1996	5/7/1996	5/14/1996	5/14/1996	5/6/1996
			Depth Interval: 5 - 7	10 - 12	0 - 2	5 - 7	0 - 2	10 - 12	0 - 2
			Sample ID: 55MW-1B(5-7)	55MW-1C(10-12)	55MW-2A(0-2)	55MW-2B(5-7)	55MW-3A(0-2)	55MW-3C(10-12)	55SB-1A(0-2)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 UJ	< 0.488 UJ	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	17.3	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 UJ
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U	< 1.19 U	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 UJ
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals									
Aluminum	7429-90-5	mg/kg	8940	6840	11800	3330	10100	1620	7730
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	1.91	< 0.1 U	0.36	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	7.41	4.85	7.77	10.3	6.16	1.2	6.9
Barium	7440-39-3	mg/kg	67.6	29.3	71.4	14.7	149	10.9	44.1
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	1.09	< 0.5 U	1.06	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	12.7	< 5.91 U	14	< 5.91 U	21.4	< 5.91 U	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	2.68	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	1770	379	10500	120	26200	< 100 U	3650
Chromium	7440-47-3	mg/kg	14	12.2	17.3	8.67	8.22	7.69	21.5
Cobalt	7440-48-4	mg/kg	3.23	10.7	8.67	13.9	4.44	3.8	5.78
Copper	7440-50-8	mg/kg	17.1	18	25.5	23.8	34.4	28.3	17.6
Iron	7439-89-6	mg/kg	10100	16800	23300	7710	22500	6380	21000
Lead	7439-92-1	mg/kg	16.7	9.72	19.4	4.23	405	1.39	23.3
Magnesium	7439-95-4	mg/kg	1350	2640	6430	414	7230	216	3130
Manganese	7439-96-5	mg/kg	120	439	565	148	1070	67.1	233
Mercury	7439-97-6	mg/kg	0.09	< 0.05 U	0.08	< 0.05 U	0.31	< 0.05 U	0.08
Nickel	7440-02-0	mg/kg	6.32	16.1	16.3	2.79	9.53	3.33	11.9
Potassium	7440-09-7	mg/kg	774	643	1640	442	1730	268	1240
Selenium	7782-49-2	mg/kg	0.61	< 0.25 U	3.24	< 0.25 U	1.39	< 0.25 U	0.87
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	605	438	528	322	917	343	394
Strontium	7440-24-6	mg/kg	23.5	8.84	110	< 2.5 U	110	< 2.5 U	14.3
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	0.22	< 0.1 U	0.68	< 0.1 U	< 0.1 U
Titanium	7440-32-6	mg/kg	299	190	617	71.6	363	< 50 U	255
Vanadium	7440-62-2	mg/kg	16.2	13.6	23.1	16.1	44.9	6.9	22.7
Zinc	7440-66-6	mg/kg	31.2	50.2	99.8	< 8.03 U	3390	14.9	54
Zirconium	7440-67-7	mg/kg	11	9.89	18	7.84	7.08	< 2.5 U	5.03

Chemical Name	CAS No	Site Name	55	55	55	55	55	55	55
		Location ID	H-55-MW-001	H-55-MW-001	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-SB-001
		Sample Date	7/27/1996	7/27/1996	5/7/1996	5/7/1996	5/14/1996	5/14/1996	5/6/1996
		Depth Interval	5 - 7	10 - 12	0 - 2	5 - 7	0 - 2	10 - 12	0 - 2
		Sample ID	55MW-1B(5-7)	55MW-1C(10-12)	55MW-2A(0-2)	55MW-2B(5-7)	55MW-3A(0-2)	55MW-3C(10-12)	55SB-1A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg	< 0.0804 U	< 0.0804 U	5.9 J	< 0.0804 UJ	< 0.0804 UJ	< 0.0804 UJ	0.11
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 R	< 0.25 R	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 R	< 0.04 R	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 R	< 0.11 R	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 R	< 0.13 R	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 R	< 0.098 R	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 R	< 0.1 R	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 R	< 0.17 R	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 R	< 0.18 R	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 R	< 0.69 R	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 R	< 1.2 R	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 R	< 0.036 R	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 R	< 0.06 R	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 R	< 0.049 R	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 R	< 0.029 R	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 R	< 0.062 R	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 R	< 0.14 R	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 R	< 6.3 R	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 R	< 0.45 R	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 R	< 0.55 R	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 R	< 0.095 R	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 R	< 0.81 R	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 R#	< 0.24 R#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 R	< 0.41 R	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 R	< 1.4 R	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 R	< 0.036 R	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 R	< 0.65 R	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	0.07	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	0.39	< 0.17 U	< 0.17 R	< 0.17 R	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	0.43	< 0.25 U	< 0.25 R	< 0.25 R	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	0.41	< 0.21 U	< 0.21 R	< 0.21 R	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 R	< 0.25 R	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	0.4	< 0.066 U	< 0.066 R	< 0.066 R	< 0.066 U

Chemical Name	CAS No	Site Name	55	55	55	55	55	55	55
		Location ID	H-55-MW-001	H-55-MW-001	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-SB-001
		Sample Date	7/27/1996	7/27/1996	5/7/1996	5/7/1996	5/14/1996	5/14/1996	5/6/1996
		Depth Interval	5 - 7	10 - 12	0 - 2	5 - 7	0 - 2	10 - 12	0 - 2
		Sample ID	55MW-1B(5-7)	55MW-1C(10-12)	55MW-2A(0-2)	55MW-2B(5-7)	55MW-3A(0-2)	55MW-3C(10-12)	55SB-1A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 R	< 0.19 R	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 R	< 0.059 R	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 R	< 0.2 R	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	4.3	< 0.62 U	< 0.62 U	< 0.62 R	< 0.62 R	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 R	< 0.17 R	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 R	< 0.14 R	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	0.53	< 0.12 U	< 0.12 R	< 0.12 R	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 R	< 0.21 R	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 R	< 0.035 R	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 R	< 0.24 R	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 R	< 0.17 R	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 R	< 0.061 R	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 R	< 0.19 R	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 R	< 0.13 R	< 0.13 U
Fluoranthene	206-44-0	mg/kg	0.17	< 0.068 U	0.83	< 0.068 U	< 0.068 R	< 0.068 R	< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 R	< 0.23 R	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 R	< 6.2 R	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 R	< 0.15 R	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 R	< 0.29 R	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 R	< 0.037 R	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 R	< 0.2 R	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 R	< 0.19 R	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 R	< 1.3 R	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.07	< 0.033 U	0.3	< 0.033 U	< 0.033 R	< 0.033 R	< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 R	< 0.11 R	< 0.11 U
Pyrene	129-00-0	mg/kg	0.17	< 0.033 U	0.76	< 0.033 U	< 0.033 R	< 0.033 R	0.5
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U
Motor Oil	Motor Oil	mg/kg	< 47 U	< 47 U					
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
TRPH	TRPH	mg/kg	< 27.8 U	< 27.8 U					
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U

Chemical Name	CAS No	Site Name	55	55	55	55	55	55	55
		Location ID	H-55-MW-001	H-55-MW-001	H-55-MW-002	H-55-MW-002	H-55-MW-003	H-55-MW-003	H-55-SB-001
		Sample Date	7/27/1996	7/27/1996	5/7/1996	5/7/1996	5/14/1996	5/14/1996	5/6/1996
		Depth Interval	5 - 7	10 - 12	0 - 2	5 - 7	0 - 2	10 - 12	0 - 2
		Sample ID	55MW-1B(5-7)	55MW-1C(10-12)	55MW-2A(0-2)	55MW-2B(5-7)	55MW-3A(0-2)	55MW-3C(10-12)	55SB-1A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
VOC (continued)									
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg							
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.01	0.01	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Ammonia	7664-41-7	mg/kg	82	< 12.5 U	37.4	< 12.5 U	199	< 12.5 U	61.8
Chloride	16887-00-6	mg/kg	11.3	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	1.63	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	14.1	< 3.62 U	< 3.62 U	5.61	15.2	< 3.62 U	5.78
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	1.69	< 0.6 U	1.29	< 0.6 U	2.97
Phosphate	14265-44-2	mg/kg	< 7.49 U	200	260	< 7.49 U	520	< 7.49 U	250
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	13.3	< 6 U	820	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Unit	Site Name: 55	55	55	55	55	55	55
			Location ID: H-55-SB-001	H-55-SB-001	H-55-SB-002	H-55-SB-003	H-55-SB-003	H-55-SB-004	H-55-SB-005
			Sample Date: 5/6/1996	5/6/1996	11/20/2000	6/1/2001	6/1/2001	11/20/2000	11/20/2000
			Depth Interval: 5 - 7	10 - 12	7 - 9	5 - 7	5 - 7	4 - 6	3 - 5
			Sample ID: 55SB-1B(5-7)	55SB-1C(10-12)	55SB-2B(7-9)	55SB-3B(5-7)	55SB-3BDUP(5-7)	55SB-4B(4-6)	55SB-5B(3-5)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U						
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U						
HMX	2691-41-0	mg/kg	< 0.666 U						
Nitrobenzene	98-95-3	mg/kg	< 2.41 U						
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U						
Nitroglycerin	55-63-0	mg/kg	< 4 U						
Nitroguanidine	556-88-7	mg/kg	< 0.475 U						
PETN	78-11-5	mg/kg	< 4 U						
Picric Acid	88-89-1	mg/kg	< 0.108 UJ						
RDX	121-82-4	mg/kg	< 0.587 U						
Tetrazene	14097-21-3	mg/kg	< 1.19 UJ						
Tetryl	479-45-8	mg/kg	< 0.731 U						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 UJ						
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U						
Metals									
Aluminum	7429-90-5	mg/kg	6630						
Antimony	7440-36-0	mg/kg	< 0.1 U						
Arsenic	7440-38-2	mg/kg	8.61						
Barium	7440-39-3	mg/kg	46.4						
Beryllium	7440-41-7	mg/kg	< 0.5 U						
Boron	7440-42-8	mg/kg	8.58						
Cadmium	7440-43-9	mg/kg	< 0.7 U						
Calcium	7440-70-2	mg/kg	3840						
Chromium	7440-47-3	mg/kg	13.4						
Cobalt	7440-48-4	mg/kg	5.13						
Copper	7440-50-8	mg/kg	14.1						
Iron	7439-89-6	mg/kg	19100						
Lead	7439-92-1	mg/kg	22.6						
Magnesium	7439-95-4	mg/kg	2910						
Manganese	7439-96-5	mg/kg	262						
Mercury	7439-97-6	mg/kg	0.29						
Nickel	7440-02-0	mg/kg	8.88						
Potassium	7440-09-7	mg/kg	1140						
Selenium	7782-49-2	mg/kg	0.94						
Silver	7440-22-4	mg/kg	< 0.589 U						
Sodium	7440-23-5	mg/kg	397						
Strontium	7440-24-6	mg/kg	23.1						
Thallium	7440-28-0	mg/kg	0.14						
Titanium	7440-32-6	mg/kg	383						
Vanadium	7440-62-2	mg/kg	18.8						
Zinc	7440-66-6	mg/kg	50.7						
Zirconium	7440-67-7	mg/kg	< 2.5 U						

Chemical Name	CAS No	Site Name	55	55	55	55	55	55	55
		Location ID	H-55-SB-001	H-55-SB-001	H-55-SB-002	H-55-SB-003	H-55-SB-003	H-55-SB-004	H-55-SB-005
		Sample Date	5/6/1996	5/6/1996	11/20/2000	6/1/2001	6/1/2001	11/20/2000	11/20/2000
		Depth Interval	5 - 7	10 - 12	7 - 9	5 - 7	5 - 7	4 - 6	3 - 5
		Sample ID	55SB-1B(5-7)	55SB-1C(10-12)	55SB-2B(7-9)	55SB-3B(5-7)	55SB-3BDUP(5-7)	55SB-4B(4-6)	55SB-5B(3-5)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
PCBs									
Aroclor 1016	12674-11-2	mg/kg			< 0.036 U	< 0.045 U	< 0.087 UD	< 0.037 UJ	< 0.038 U
Aroclor 1221	11104-28-2	mg/kg			< 0.036 U	< 0.045 U	< 0.087 UD	< 0.037 UJ	< 0.038 U
Aroclor 1232	11141-16-5	mg/kg			< 0.036 U	< 0.045 U	< 0.087 UD	< 0.037 UJ	< 0.038 U
Aroclor 1242	53469-21-9	mg/kg			< 0.036 U	< 0.045 U	< 0.087 UD	< 0.037 UJ	< 0.038 U
Aroclor 1248	12672-29-6	mg/kg			< 0.036 U	< 0.045 U	< 0.087 UD	< 0.037 UJ	< 0.038 U
Aroclor 1254	11097-69-1	mg/kg			< 0.036 U	0.51	0.77 D	< 0.037 UJ	< 0.038 U
Aroclor 1260	11096-82-5	mg/kg			< 0.036 U	< 0.045 U	< 0.087 UD	< 0.037 UJ	< 0.038 U
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U						
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U						
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U						
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U						
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U						
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U						
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U						
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U						
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U						
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U						
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U						
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U						
2-Methylphenol	95-48-7	mg/kg	< 0.029 U						
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U						
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U						
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U						
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U						
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U						
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#						
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U						
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U						
Acenaphthene	83-32-9	mg/kg	< 0.036 U						
Acenaphthylene	208-96-8	mg/kg	< 0.033 U						
Aniline	62-53-3	mg/kg	< 0.65 U						
Anthracene	120-12-7	mg/kg	< 0.033 U						
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U						
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U						
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U						
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U						
Benzo(k)fluoranthene	207-08-9	mg/kg	0.3						

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SB-001 / 5/6/1996 / 5 - 7 / 55SB-1B(5-7) / SO	55 / H-55-SB-001 / 5/6/1996 / 10 - 12 / 55SB-1C(10-12) / SO	55 / H-55-SB-002 / 11/20/2000 / 7 - 9 / 55SB-2B(7-9) / SO	55 / H-55-SB-003 / 6/1/2001 / 5 - 7 / 55SB-3B(5-7) / SO	55 / H-55-SB-003 / 6/1/2001 / 5 - 7 / 55SB-3BDUP(5-7) / SO	55 / H-55-SB-004 / 11/20/2000 / 4 - 6 / 55SB-4B(4-6) / SO	55 / H-55-SB-005 / 11/20/2000 / 3 - 5 / 55SB-5B(3-5) / SO
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U						
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U						
Carbazole	86-74-8	mg/kg	< 0.14 U						
Chrysene	218-01-9	mg/kg	0.4						
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U						
Dibenzofuran	132-64-9	mg/kg	< 0.035 U						
Diethylphthalate	84-66-2	mg/kg	< 0.24 U						
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U						
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U						
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U						
Diphenylamine	122-39-4	mg/kg	< 0.13 U						
Fluoranthene	206-44-0	mg/kg	0.6						
Fluorene	86-73-7	mg/kg	< 0.033 U						
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U						
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U						
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U						
Hexachloroethane	67-72-1	mg/kg	< 0.15 U						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U						
Isophorone	78-59-1	mg/kg	< 0.033 U						
Naphthalene	91-20-3	mg/kg	< 0.037 U						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U						
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U						
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U						
Phenanthrene	85-01-8	mg/kg	0.3						
Phenol	108-95-2	mg/kg	< 0.11 U						
Pyrene	129-00-0	mg/kg	0.5						
TPH									
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U						
Gasoline range organics	GRO	mg/kg	< 8.3 U						
Motor Oil	Motor Oil	mg/kg							
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U						
TRPH	TRPH	mg/kg							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U					
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U					
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U					
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U					
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U					
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U					
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SB-001 / 5/6/1996 / 5 - 7 / 55SB-1B(5-7) / SO / mg/kg	55 / H-55-SB-001 / 5/6/1996 / 10 - 12 / 55SB-1C(10-12) / SO / mg/kg	55 / H-55-SB-002 / 11/20/2000 / 7 - 9 / 55SB-2B(7-9) / SO / mg/kg	55 / H-55-SB-003 / 6/1/2001 / 5 - 7 / 55SB-3B(5-7) / SO / mg/kg	55 / H-55-SB-003 / 6/1/2001 / 5 - 7 / 55SB-3BDUP(5-7) / SO / mg/kg	55 / H-55-SB-004 / 11/20/2000 / 4 - 6 / 55SB-4B(4-6) / SO / mg/kg	55 / H-55-SB-005 / 11/20/2000 / 3 - 5 / 55SB-5B(3-5) / SO / mg/kg
VOC (continued)									
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U					
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U					
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U					
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U					
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U					
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U					
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U					
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U					
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U					
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U					
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U					
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U					
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U					
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U					
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U					
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U					
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U					
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U					
Ethylene Oxide	75-21-8	mg/kg							
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U					
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U					
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U					
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U					
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U					
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U					
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U					
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U					
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U					
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U					
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U					
WetChem									
% Solids	%Solid	%			92.5	74.1	75.8	88.1	85.9
Ammonia	7664-41-7	mg/kg	114						
Chloride	16887-00-6	mg/kg	< 6.05 U						
Cyanide	57-12-5	mg/kg	< 0.92 U						
Fluoride	16984-48-8	mg/kg	6.51						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	3.6						
Phosphate	14265-44-2	mg/kg	480						
Sulfate	14808-79-8	mg/kg	< 90.4 U						
Sulfide	18496-25-8	mg/kg	97						

Chemical Name	CAS No	Unit	Site Name	55	55	55	55	55	55	55
			Location ID	H-55-SB-005	H-55-SS-001C	H-55-SS-002A	H-55-SS-003A	H-55-SS-004A	H-55-SS-005A	H-55-SS-006C
			Sample Date	11/20/2000	11/30/1995	11/30/1995	12/1/1995	12/1/1995	12/1/1995	12/4/1995
			Depth Interval	3 - 5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	55SB-5BDUP(3-5)	55SS-1C(0-1)	55SS-2A(0-1)	55SS-3A(0-1)	55SS-4A(0-1)	55SS-5A(0-1)	55SS-6C(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg			< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	430
Nitrobenzene	98-95-3	mg/kg			< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg			< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	97.5
Nitroglycerin	55-63-0	mg/kg			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg			< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg			< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg			< 0.108 R	< 0.108 R	< 0.108 R	< 0.108 R	< 0.108 R	< 0.108 U
RDX	121-82-4	mg/kg			< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg								
Tetryl	479-45-8	mg/kg			< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg			< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals										
Aluminum	7429-90-5	mg/kg			9030	5720	10600	13800	10100	9120
Antimony	7440-36-0	mg/kg			0.36	0.45	1.65	0.69	0.31	0.31
Arsenic	7440-38-2	mg/kg			16.3	40	40	20	12.4	12.9
Barium	7440-39-3	mg/kg			46.1	36.5	89.9	189	70.8	43.7
Beryllium	7440-41-7	mg/kg			< 0.5 U	< 0.5 U	0.88	1.33	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg			9.42	7.72	17.1	20.4	< 5.91 U	9.59
Cadmium	7440-43-9	mg/kg			< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg			1750	18000	37000	24200	1280	1130
Chromium	7440-47-3	mg/kg			18.4	24.6	12.9	15.8	20	17.1
Cobalt	7440-48-4	mg/kg			3.95	6.18	5.17	5.64	8.87	4.09
Copper	7440-50-8	mg/kg			21.7	19.7	20.2	24.9	28.2	24.3
Iron	7439-89-6	mg/kg			18500	22000	23300	18900	18700	16900
Lead	7439-92-1	mg/kg			33.3	26	32.2	34.1	21.6 J	39.6
Magnesium	7439-95-4	mg/kg			1570	5280	8400	6030	2550	1580
Manganese	7439-96-5	mg/kg			132	266	555	1490	229	184
Mercury	7439-97-6	mg/kg			0.2	0.4	14	0.63	0.17	0.22
Nickel	7440-02-0	mg/kg			10.4	14.2	9.93	11.2	16	8.91
Potassium	7440-09-7	mg/kg			834	2050	2430	1240	1290	824
Selenium	7782-49-2	mg/kg			< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
Silver	7440-22-4	mg/kg			< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg			370	479	619	680	350	358
Strontium	7440-24-6	mg/kg			36	38	100	130	34	31
Thallium	7440-28-0	mg/kg			0.34	< 0.1 U	0.14	0.25	0.26	0.27
Titanium	7440-32-6	mg/kg			466 J	577 J	814 J	850 J	846 J	414 J
Vanadium	7440-62-2	mg/kg			27.9	22.2	21.7	25	31.5	26.5
Zinc	7440-66-6	mg/kg			48.7	106	78.9	241	59.5	57.4
Zirconium	7440-67-7	mg/kg			30.5	8.54	16.7	23.9	20	26.3

Chemical Name	CAS No	Site Name	55	55	55	55	55	55	55
		Location ID	H-55-SB-005	H-55-SS-001C	H-55-SS-002A	H-55-SS-003A	H-55-SS-004A	H-55-SS-005A	H-55-SS-006C
		Sample Date	11/20/2000	11/30/1995	11/30/1995	12/1/1995	12/1/1995	12/1/1995	12/4/1995
		Depth Interval	3 - 5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	55SB-5BDUP(3-5)	55SS-1C(0-1)	55SS-2A(0-1)	55SS-3A(0-1)	55SS-4A(0-1)	55SS-5A(0-1)	55SS-6C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.038 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	< 0.038 U	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.038 U	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.038 U	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	< 0.038 U	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	< 0.038 U	0.28	1.2	0.09	0.32	0.56	0.24 N
Aroclor 1260	11096-82-5	mg/kg	< 0.038 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U
Pesticides									
Mirex	2385-85-5	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg		< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg		< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg		< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg		< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg		< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg		< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg		< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg		< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg		< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg		< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg		< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg		< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg		< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg		< 0.036 U	< 0.036 U	< 0.036 U	0.27	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg		< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	0.59	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	2.1	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	2.5	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg		< 0.21 U	< 0.21 U	< 0.21 U	3.4	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	0.41	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.066 U	< 0.066 U	< 0.066 U	1.2	< 0.066 U	< 0.066 U

Chemical Name	CAS No	Site Name	55	55	55	55	55	55	55
		Location ID	H-55-SB-005	H-55-SS-001C	H-55-SS-002A	H-55-SS-003A	H-55-SS-004A	H-55-SS-005A	H-55-SS-006C
		Sample Date	11/20/2000	11/30/1995	11/30/1995	12/1/1995	12/1/1995	12/1/1995	12/4/1995
		Depth Interval	3 - 5	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	55SB-5BDUP(3-5)	55SS-1C(0-1)	55SS-2A(0-1)	55SS-3A(0-1)	55SS-4A(0-1)	55SS-5A(0-1)	55SS-6C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg		< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg		< 0.12 U	< 0.12 U	< 0.12 U	3.3	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg		< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg		< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg		< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg		0.9	< 0.068 U	< 0.068 U	6.9	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	0.24	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	1.1	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg		< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg		< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg		0.7	< 0.033 U	< 0.033 U	3.2	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg		< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg		0.7	< 0.033 U	< 0.033 U	6.2	< 0.033 U	0.06
TPH									
Diesel Fuel	68334-30-5	mg/kg		< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
Gasoline range organics	GRO	mg/kg		< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
Motor Oil	Motor Oil	mg/kg							
TPH, aviation gas fraction	50815-00-4	mg/kg		< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U
TRPH	TRPH	mg/kg							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg		< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SB-005 / 11/20/2000 / 3 - 5 / 55SB-5BDUP(3-5) / SO	55 / H-55-SS-001C / 11/30/1995 / 0 - 1 / 55SS-1C(0-1) / SO	55 / H-55-SS-002A / 11/30/1995 / 0 - 1 / 55SS-2A(0-1) / SO	55 / H-55-SS-003A / 12/1/1995 / 0 - 1 / 55SS-3A(0-1) / SO	55 / H-55-SS-004A / 12/1/1995 / 0 - 1 / 55SS-4A(0-1) / SO	55 / H-55-SS-005A / 12/1/1995 / 0 - 1 / 55SS-5A(0-1) / SO	55 / H-55-SS-006C / 12/4/1995 / 0 - 1 / 55SS-6C(0-1) / SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg		< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg		< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg		< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg		< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg		< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg		< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg		< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg		< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg		< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg		< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Ethylene Oxide	75-21-8	mg/kg		< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg		< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg		< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrachloroethene	127-18-4	mg/kg		< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg		< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg		0.8	0.73	0.6	< 0.59 U	0.71	< 0.59 U
Vinyl acetate	108-05-4	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%	87.3						
Ammonia	7664-41-7	mg/kg		97.3	54.8	51.9	112	54.7	60.1
Chloride	16887-00-6	mg/kg		< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg		< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg		8.84	< 3.62 U	6.7	6.38	< 3.62 U	8.82
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg		0.75	2.39	2.13	2.51	0.93	< 0.6 U
Phosphate	14265-44-2	mg/kg		< 7.49 U	5700	7300	760	250	< 7.49 U
Sulfate	14808-79-8	mg/kg		< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg		11.1	15	36 J	89 J	< 6 UJ	< 6 UJ

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SS-007C / 12/4/1995 / 0 - 1 / 55SS-7C(0-1) / SO	55 / H-55-SS-008A / 12/4/1995 / 0 - 1 / 55SS-8A(0-1) / SO	55 / H-55-SS-009C / 11/30/1995 / 0 - 1 / 55SS-9C(0-1) / SO	55 / H-55-SS-010A / 12/4/1995 / 0 - 1 / 55SS-10A(0-1) / SO	55 / H-55-SS-011C / 12/5/1995 / 0 - 1 / 55SS-11C(0-1) / SO	55 / H-55-SS-012A / 12/5/1995 / 0 - 1 / 55SS-12A(0-1) / SO	55 / H-55-SS-013A / 3/22/1996 / 0 - 1 / 55SS-13A(0-1) / SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	
HMX	2691-41-0	mg/kg	3.5	< 0.666 U	28.9	< 0.666 U	60	< 0.666 U	
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	
Nitroguanidine	556-88-7	mg/kg	4.78	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	
PETN	78-11-5	mg/kg	21.5	< 4 U	9.71	< 4 U	13	< 4 U	
Picric Acid	88-89-1	mg/kg	< 0.108 R	< 0.108 R	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 R	
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	
Tetrazene	14097-21-3	mg/kg							
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	
Metals									
Aluminum	7429-90-5	mg/kg	4540	5690	4050	3980	4240	5260	
Antimony	7440-36-0	mg/kg	0.55	< 0.1 U	0.36	0.4	0.63	< 0.1 U	
Arsenic	7440-38-2	mg/kg	7.11	7.92	11.7	12.4	10	7.75	
Barium	7440-39-3	mg/kg	34.8	34.5	35.7	30.5	39.5	33.9	
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	1.73	
Boron	7440-42-8	mg/kg	29.8	< 5.91 U	8.85	< 5.91 U	7.4	< 5.91 U	
Cadmium	7440-43-9	mg/kg	0.95	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	0.95	
Calcium	7440-70-2	mg/kg	3860	2220	3090	3060	2370	1660	
Chromium	7440-47-3	mg/kg	18.3	220	21.2	20.7	19.5	13	
Cobalt	7440-48-4	mg/kg	8.69	7.62	5.74	5.55	7.03	5.78	
Copper	7440-50-8	mg/kg	29.9	24.6	27.7	26.2	20.5	18.8	
Iron	7439-89-6	mg/kg	22700	21300	19000	19800	19300	19100	
Lead	7439-92-1	mg/kg	40.8	27.1	37.5	34.9	26	24	
Magnesium	7439-95-4	mg/kg	2280	2550	2170	2120	2460	2110	
Manganese	7439-96-5	mg/kg	313	316	364	296	383	386	
Mercury	7439-97-6	mg/kg	0.16	0.38	0.1	0.08	0.1	0.14	
Nickel	7440-02-0	mg/kg	15.2	107	12.3	11.3	14.4	12	
Potassium	7440-09-7	mg/kg	722	651	682	601	560	527	
Selenium	7782-49-2	mg/kg	< 0.25 U	0.34	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	586	410	430	372	388	341	
Strontium	7440-24-6	mg/kg	33	15.7	25.9	22.6	21.2	30 J	
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
Titanium	7440-32-6	mg/kg	674 J	417 J	531 J	561 J	535 J	493	
Vanadium	7440-62-2	mg/kg	23.6	24.1	25.1	26.5	20.1	18.9	
Zinc	7440-66-6	mg/kg	96.2	57.6	65.7	67.7	52.6	143	
Zirconium	7440-67-7	mg/kg	19.2	5.41	8.97	6.98	10.1	22.4	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SS-007C / 12/4/1995 / 0 - 1 / 55SS-7C(0-1) / SO / mg/kg	55 / H-55-SS-008A / 12/4/1995 / 0 - 1 / 55SS-8A(0-1) / SO / mg/kg	55 / H-55-SS-009C / 11/30/1995 / 0 - 1 / 55SS-9C(0-1) / SO / mg/kg	55 / H-55-SS-010A / 12/4/1995 / 0 - 1 / 55SS-10A(0-1) / SO / mg/kg	55 / H-55-SS-011C / 12/5/1995 / 0 - 1 / 55SS-11C(0-1) / SO / mg/kg	55 / H-55-SS-012A / 12/5/1995 / 0 - 1 / 55SS-12A(0-1) / SO / mg/kg	55 / H-55-SS-013A / 3/22/1996 / 0 - 1 / 55SS-13A(0-1) / SO / mg/kg
PCBs									
Aroclor 1016	12674-11-2	mg/kg	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U	< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT	< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg	3.5 N	0.11 N	1.8 N	1.5 N	0.98 N	5.1 N	0.77 N
Aroclor 1260	11096-82-5	mg/kg	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U	< 0.0804 U
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	0.14	0.12	0.12	0.16	< 0.066 U	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SS-007C / 12/4/1995 / 0 - 1 / 55SS-7C(0-1) / SO	55 / H-55-SS-008A / 12/4/1995 / 0 - 1 / 55SS-8A(0-1) / SO	55 / H-55-SS-009C / 11/30/1995 / 0 - 1 / 55SS-9C(0-1) / SO	55 / H-55-SS-010A / 12/4/1995 / 0 - 1 / 55SS-10A(0-1) / SO	55 / H-55-SS-011C / 12/5/1995 / 0 - 1 / 55SS-11C(0-1) / SO	55 / H-55-SS-012A / 12/5/1995 / 0 - 1 / 55SS-12A(0-1) / SO	55 / H-55-SS-013A / 3/22/1996 / 0 - 1 / 55SS-13A(0-1) / SO
SVOC (continued)									
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	
Chrysene	218-01-9	mg/kg	< 0.12 U	0.2	< 0.12 U	0.22	0.24	< 0.12 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	
Fluoranthene	206-44-0	mg/kg	< 0.068 U	0.34	0.12	0.14	0.21	0.12	
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	
Phenanthrene	85-01-8	mg/kg	< 0.033 U	0.14	< 0.033 U	< 0.033 U	0.05	0.04	
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	
Pyrene	129-00-0	mg/kg	< 0.033 U	0.29	0.11	0.13	0.18	0.09	
TPH									
Diesel Fuel	68334-30-5	mg/kg	30.4	< 8 U	9.97	< 8 U	16.3	< 8 U	
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	
Motor Oil	Motor Oil	mg/kg							
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	
TRPH	TRPH	mg/kg							
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	

Chemical Name	CAS No	Unit	Site Name: 55	55	55	55	55	55	55
			Location ID: H-55-SS-007C	H-55-SS-008A	H-55-SS-009C	H-55-SS-010A	H-55-SS-011C	H-55-SS-012A	H-55-SS-013A
			Sample Date: 12/4/1995	12/4/1995	11/30/1995	12/4/1995	12/5/1995	12/5/1995	3/22/1996
			Depth Interval: 0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID: 55SS-7C(0-1)	55SS-8A(0-1)	55SS-9C(0-1)	55SS-10A(0-1)	55SS-11C(0-1)	55SS-12A(0-1)	55SS-13A(0-1)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO
VOC (continued)									
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	0.02	
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Ethylene Oxide	75-21-8	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U	0.7	< 0.59 U	< 0.59 U	< 0.59 U	
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
WetChem									
% Solids	%Solid	%							
Ammonia	7664-41-7	mg/kg	88.6	51.6	84.5	103	59.4	26.4	
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U	< 3.62 U	< 3.62 U	< 3.62 U	< 3.62 U	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	1.53	< 0.6 U	< 0.6 U	< 0.6 U	1.12	
Phosphate	14265-44-2	mg/kg	450	420	550	540	330	470	
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg	< 6 UJ	< 6 UJ	< 6 UJ	< 6 UJ	< 6 U	< 6 U	

Chemical Name	CAS No	Site Name	55	55	55	55	55
		Location ID	H-55-SS-014	H-55-SS-015	H-55-SS-016	H-55-SS-017	H-55-SS-017
		Sample Date	12/5/2000	12/5/2000	12/5/2000	12/5/2000	12/5/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	55SS-14A(0-1)	55SS-15A(0-1)	55SS-16A(0-1)	55SS-17A(0-1)	55SS-17ADUP(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
		Unit					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg					
1,3-Dinitrobenzene	99-65-0	mg/kg					
2,4,6-Trinitrotoluene	118-96-7	mg/kg					
HMX	2691-41-0	mg/kg					
Nitrobenzene	98-95-3	mg/kg					
Nitrocellulose	9004-70-0	mg/kg					
Nitroglycerin	55-63-0	mg/kg					
Nitroguanidine	556-88-7	mg/kg					
PETN	78-11-5	mg/kg					
Picric Acid	88-89-1	mg/kg					
RDX	121-82-4	mg/kg					
Tetrazene	14097-21-3	mg/kg					
Tetryl	479-45-8	mg/kg					
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg					
2,6-Dinitrotoluene	606-20-2	mg/kg					
Metals							
Aluminum	7429-90-5	mg/kg					
Antimony	7440-36-0	mg/kg					
Arsenic	7440-38-2	mg/kg					
Barium	7440-39-3	mg/kg					
Beryllium	7440-41-7	mg/kg					
Boron	7440-42-8	mg/kg					
Cadmium	7440-43-9	mg/kg					
Calcium	7440-70-2	mg/kg					
Chromium	7440-47-3	mg/kg					
Cobalt	7440-48-4	mg/kg					
Copper	7440-50-8	mg/kg					
Iron	7439-89-6	mg/kg					
Lead	7439-92-1	mg/kg					
Magnesium	7439-95-4	mg/kg					
Manganese	7439-96-5	mg/kg					
Mercury	7439-97-6	mg/kg					
Nickel	7440-02-0	mg/kg					
Potassium	7440-09-7	mg/kg					
Selenium	7782-49-2	mg/kg					
Silver	7440-22-4	mg/kg					
Sodium	7440-23-5	mg/kg					
Strontium	7440-24-6	mg/kg					
Thallium	7440-28-0	mg/kg					
Titanium	7440-32-6	mg/kg					
Vanadium	7440-62-2	mg/kg					
Zinc	7440-66-6	mg/kg					
Zirconium	7440-67-7	mg/kg					

		Site Name	55	55	55	55	55
		Location ID	H-55-SS-014	H-55-SS-015	H-55-SS-016	H-55-SS-017	H-55-SS-017
		Sample Date	12/5/2000	12/5/2000	12/5/2000	12/5/2000	12/5/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	55SS-14A(0-1)	55SS-15A(0-1)	55SS-16A(0-1)	55SS-17A(0-1)	55SS-17ADUP(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
PCBs							
Aroclor 1016	12674-11-2	mg/kg	< 2.1 UD	< 0.04 U	< 2.1 UD	< 0.037 U	< 0.037 U
Aroclor 1221	11104-28-2	mg/kg	< 2.1 UD	< 0.04 U	< 2.1 UD	< 0.037 U	< 0.037 U
Aroclor 1232	11141-16-5	mg/kg	< 2.1 UD	< 0.04 U	< 2.1 UD	< 0.037 U	< 0.037 U
Aroclor 1242	53469-21-9	mg/kg	< 2.1 UD	< 0.04 U	< 2.1 UD	< 0.037 U	< 0.037 U
Aroclor 1248	12672-29-6	mg/kg	< 2.1 UD	< 0.04 U	< 2.1 UD	< 0.037 U	< 0.037 U
Aroclor 1254	11097-69-1	mg/kg	9.4 D	< 0.04 U	19 D	< 0.037 U	< 0.037 U
Aroclor 1260	11096-82-5	mg/kg	< 2.1 UD	0.15	< 2.1 UD	0.04	0.06
Pesticides							
Mirex	2385-85-5	mg/kg					
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					
1,2,4-Trichlorobenzene	120-82-1	mg/kg					
1,2-Dichlorobenzene	95-50-1	mg/kg					
1,3-Dichlorobenzene	541-73-1	mg/kg					
1,4-Dichlorobenzene	106-46-7	mg/kg					
2,4,5-Trichlorophenol	95-95-4	mg/kg					
2,4,6-Trichlorophenol	88-06-2	mg/kg					
2,4-Dichlorophenol	120-83-2	mg/kg					
2,4-Dimethylphenol	105-67-9	mg/kg					
2,4-Dinitrophenol	51-28-5	mg/kg					
2-Chloronaphthalene	91-58-7	mg/kg					
2-Chlorophenol	95-57-8	mg/kg					
2-Methylnaphthalene	91-57-6	mg/kg					
2-Methylphenol	95-48-7	mg/kg					
2-Nitroaniline	88-74-4	mg/kg					
2-Nitrophenol	88-75-5	mg/kg					
3,3'-Dichlorobenzidine	91-94-1	mg/kg					
3-Nitroaniline	99-09-2	mg/kg					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg					
4-Bromophenyl phenyl ether	101-55-3	mg/kg					
4-Chloro-3-methylphenol	59-50-7	mg/kg					
4-Chloroaniline	106-47-8	mg/kg					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					
4-Methylphenol	106-44-5	mg/kg					
4-Nitroaniline	100-01-6	mg/kg					
4-Nitrophenol	100-02-7	mg/kg					
Acenaphthene	83-32-9	mg/kg					
Acenaphthylene	208-96-8	mg/kg					
Aniline	62-53-3	mg/kg					
Anthracene	120-12-7	mg/kg					
Benz(a)anthracene	56-55-3	mg/kg					
Benzo(a)pyrene	50-32-8	mg/kg					
Benzo(b)fluoranthene	205-99-2	mg/kg					
Benzo(g,h,i)perylene	191-24-2	mg/kg					
Benzo(k)fluoranthene	207-08-9	mg/kg					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SS-014 / 12/5/2000 / 0 - 1 / 55SS-14A(0-1) / SO	55 / H-55-SS-015 / 12/5/2000 / 0 - 1 / 55SS-15A(0-1) / SO	55 / H-55-SS-016 / 12/5/2000 / 0 - 1 / 55SS-16A(0-1) / SO	55 / H-55-SS-017 / 12/5/2000 / 0 - 1 / 55SS-17A(0-1) / SO	55 / H-55-SS-017 / 12/5/2000 / 0 - 1 / 55SS-17ADUP(0-1) / SO
SVOC (continued)							
Benzyl alcohol	100-51-6	mg/kg					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					
bis(2-Chloroethyl)ether	111-44-4	mg/kg					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg					
Butylbenzyl phthalate	85-68-7	mg/kg					
Carbazole	86-74-8	mg/kg					
Chrysene	218-01-9	mg/kg					
Dibenz(a,h)anthracene	53-70-3	mg/kg					
Dibenzofuran	132-64-9	mg/kg					
Diethylphthalate	84-66-2	mg/kg					
Dimethylphthalate	131-11-3	mg/kg					
di-n-Butylphthalate	84-74-2	mg/kg					
di-n-Octylphthalate	117-84-0	mg/kg					
Diphenylamine	122-39-4	mg/kg					
Fluoranthene	206-44-0	mg/kg					
Fluorene	86-73-7	mg/kg					
Hexachlorobenzene	118-74-1	mg/kg					
Hexachlorobutadiene	87-68-3	mg/kg					
Hexachlorocyclopentadiene	77-47-4	mg/kg					
Hexachloroethane	67-72-1	mg/kg					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg					
Isophorone	78-59-1	mg/kg					
Naphthalene	91-20-3	mg/kg					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg					
n-Nitrosodiphenylamine	86-30-6	mg/kg					
Pentachlorophenol	87-86-5	mg/kg					
Phenanthrene	85-01-8	mg/kg					
Phenol	108-95-2	mg/kg					
Pyrene	129-00-0	mg/kg					
TPH							
Diesel Fuel	68334-30-5	mg/kg					
Gasoline range organics	GRO	mg/kg					
Motor Oil	Motor Oil	mg/kg					
TPH, aviation gas fraction	50815-00-4	mg/kg					
TRPH	TRPH	mg/kg					
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg					
1,1,2-Trichloroethane	79-00-5	mg/kg					
1,1-Dichloroethane	75-34-3	mg/kg					
1,1-Dichloroethene	75-35-4	mg/kg					
1,2-Dichloroethane	107-06-2	mg/kg					
1,2-Dichloroethene (total)	540-59-0	mg/kg					
1,2-Dichloropropane	78-87-5	mg/kg					

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	55 / H-55-SS-014 / 12/5/2000 / 0 - 1 / 55SS-14A(0-1) / SO	55 / H-55-SS-015 / 12/5/2000 / 0 - 1 / 55SS-15A(0-1) / SO	55 / H-55-SS-016 / 12/5/2000 / 0 - 1 / 55SS-16A(0-1) / SO	55 / H-55-SS-017 / 12/5/2000 / 0 - 1 / 55SS-17A(0-1) / SO	55 / H-55-SS-017 / 12/5/2000 / 0 - 1 / 55SS-17ADUP(0-1) / SO
VOC (continued)							
2-Butanone	78-93-3	mg/kg					
2-Hexanone	591-78-6	mg/kg					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					
Acetone	67-64-1	mg/kg					
Acetonitrile	75-05-8	mg/kg					
Benzene	71-43-2	mg/kg					
Bromodichloromethane	75-27-4	mg/kg					
Bromoform	75-25-2	mg/kg					
Bromomethane	74-83-9	mg/kg					
Carbon disulfide	75-15-0	mg/kg					
Carbon tetrachloride	56-23-5	mg/kg					
Chlorobenzene	108-90-7	mg/kg					
Chloroethane	75-00-3	mg/kg					
Chloroform	67-66-3	mg/kg					
Chloromethane	74-87-3	mg/kg					
cis-1,3-Dichloropropene	10061-01-5	mg/kg					
Dibromochloromethane	124-48-1	mg/kg					
Dichlorodifluoromethane	75-71-8	mg/kg					
Ethanol	64-17-5	mg/kg					
Ethyl benzene	100-41-4	mg/kg					
Ethylene Oxide	75-21-8	mg/kg					
Isopropanol	67-63-0	mg/kg					
Methylene chloride	75-09-2	mg/kg					
Styrene	100-42-5	mg/kg					
tert-Butylalcohol	75-65-0	mg/kg					
Tetrachloroethene	127-18-4	mg/kg					
Toluene	108-88-3	mg/kg					
trans-1,3-Dichloropropene	10061-02-6	mg/kg					
Trichloroethene	79-01-6	mg/kg					
Trichlorofluoromethane	75-69-4	mg/kg					
Vinyl acetate	108-05-4	mg/kg					
Vinyl chloride	75-01-4	mg/kg					
Xylenes	1330-20-7	mg/kg					
WetChem							
% Solids	%Solid	%	79	82.9	77.2	89.4	90.3
Ammonia	7664-41-7	mg/kg					
Chloride	16887-00-6	mg/kg					
Cyanide	57-12-5	mg/kg					
Fluoride	16984-48-8	mg/kg					
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg					
Phosphate	14265-44-2	mg/kg					
Sulfate	14808-79-8	mg/kg					
Sulfide	18496-25-8	mg/kg					

Historic Analytical Results for Groundwater Samples at PICA 162/Site 5

			Site Name	5	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	3/4/1999	3/4/1999	12/22/2000	2/14/2001	7/19/1999	7/19/1999
			Depth Interval	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	26 - 36	26 - 36
			Sample ID	5MW-4(19990304)	5MW-4DUP(19990304)	5MW-4(20001222)	5MW-4(20010214)	5MW-4D(19990719)	5MW-4DDUP(19990719)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	< 0.3 U			< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	< 0.1 U			< 0.2 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	< 0.1 U			< 0.2 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	< 0.1 U			< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	< 1 U			< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	< 1 U			< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	< 0.1 U			< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	< 1 U			< 0.2 U	< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 1 U	< 1 U			< 0.5 U	< 0.5 U
Nitrobenzene	98-95-3	ug/L	(1)	< 10 U	< 10 U			< 0.2 U	< 10 U
Nitrobenzene	98-95-3	ug/L	(2)	< 1 U	< 1 U			< 10 U	< 0.2 U
RDX	121-82-4	ug/L	(1)	< 0.8 U	< 0.8 U			< 0.5 U	< 0.5 U
Tetryl	479-45-8	ug/L	(1)	< 1 U	< 1 U			< 0.2 U	< 0.2 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	< 0.1 U			< 10 U	< 10 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U	< 10 U			< 0.2 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	< 0.3 U			< 10 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U	< 10 U			< 0.2 U	< 10 U
Metals									
Aluminum	7429-90-5	ug/L	(1)	79.99 J	79.99 J			< 200 R	< 200 R
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U			< 60 U	< 60 U
Arsenic	7440-38-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Barium	7440-39-3	ug/L	(1)	3.7 J	5.79 J			< 200 U	< 200 U
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U			< 5 U	< 5 U
Cadmium	7440-43-9	ug/L	(1)	< 5 U	< 5 U			< 5 U	< 5 U
Calcium	7440-70-2	ug/L	(1)	25700	27000			28000	29100
Chromium	7440-47-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
Copper	7440-50-8	ug/L	(1)	< 25 U	< 25 U			< 25 U	< 25 U
Iron	7439-89-6	ug/L	(1)	< 100 R	< 100 R			56 J	72.99 J
Lead	7439-92-1	ug/L	(1)	< 3 U	< 3 U			< 3 U	< 3 U
Magnesium	7439-95-4	ug/L	(1)	6500	6300			6800	7000
Manganese	7439-96-5	ug/L	(1)	4 J	6.59 J			17	< 15 R
Mercury	7439-97-6	ug/L	(1)	< 0.2 UJ	0.73 J			< 0.2 U	< 0.2 U
Nickel	7440-02-0	ug/L	(1)	< 40 U	< 40 U			< 40 U	< 40 U
Potassium	7440-09-7	ug/L	(1)	769.99 J	949.99 J			1100 J	1100 J
Selenium	7782-49-2	ug/L	(1)	< 5 U	< 5 U			< 5 U	< 5 U
Silver	7440-22-4	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Sodium	7440-23-5	ug/L	(1)	10300	10399.99			8600	8699.99
Thallium	7440-28-0	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Vanadium	7440-62-2	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
Zinc	7440-66-6	ug/L	(1)	< 20 U	< 20 U			< 20 U	< 20 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	0.41 J		0.72 J	0.7 J
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U

			Site Name	5	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	3/4/1999	3/4/1999	12/22/2000	2/14/2001	7/19/1999	7/19/1999
			Depth Interval	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	26 - 36	26 - 36
			Sample ID	5MW-4(19990304)	5MW-4DUP(19990304)	5MW-4(20001222)	5MW-4(20010214)	5MW-4D(19990719)	5MW-4DDUP(19990719)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 UJ	< 50 UJ			< 50 U	< 50 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#	< 10 U#			< 10 U#	< 10 U#
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Aniline	62-53-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Anthracene	120-12-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 (U)
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Carbazole	86-74-8	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Chrysene	218-01-9	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Fluorene	86-73-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U	< 50 U			< 50 U	< 50 U

			Site Name	5	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	3/4/1999	3/4/1999	12/22/2000	2/14/2001	7/19/1999	7/19/1999
			Depth Interval	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	26 - 36	26 - 36
			Sample ID	5MW-4(19990304)	5MW-4DUP(19990304)	5MW-4(20001222)	5MW-4(20010214)	5MW-4D(19990719)	5MW-4DDUP(19990719)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Isophorone	78-59-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Naphthalene	91-20-3	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Phenol	108-95-2	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
Pyrene	129-00-0	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U		0.4 J	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
1,2,4-Trimethylbenzene	95-63-6	ug/L	(1)	< 1 U	< 1 U			< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 (U)	< 1 (U)
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L	(1)	< 1 U	< 1 U			< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 R	< 10 R	< 10 U		< 10 UJ	< 10 UJ
2-Hexanone	591-78-6	ug/L	(1)	< 10 UJ	< 10 UJ	< 10 U		< 10 UJ	< 10 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 UJ	< 5 UJ	< 5 U		< 10 UJ	< 10 UJ
Acetone	67-64-1	ug/L	(1)	< 10 R	< 10 R	< 10 (U)		< 10 UJ	< 10 UJ
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 R		< 20 R	< 20 R
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 UJ		< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 U	< 2 UJ		< 2 U	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	0.81	0.81	0.44 J		0.81	0.81
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 (U)	< 1 (U)	< 1 U		< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	14	14	13 J		12	11
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	1	1	0.74 J		1	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 UJ	< 2 UJ
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U		< 2 U	< 2 U

			Site Name	5	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	3/4/1999	3/4/1999	12/22/2000	2/14/2001	7/19/1999	7/19/1999
			Depth Interval	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	10.3 - 20.3	26 - 36	26 - 36
			Sample ID	5MW-4(19990304)	5MW-4DUP(19990304)	5MW-4(20001222)	5MW-4(20010214)	5MW-4D(19990719)	5MW-4DDUP(19990719)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U		< 1 U	< 1 U
WetChem									
Ammonia	7664-41-7	ug/L	(1)	< 200 (U)	< 200 (U)			< 200 (U)	< 200 (U)
Chloride	16887-00-6	ug/L	(1)	16399.99	16399.99			16500	16600
Cyanide	57-12-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Fluoride	16984-48-8	ug/L	(1)	79.99 J	79.99 J			< 1000 U	< 1000 U
Nitrate	14797-55-8	ug/L	(1)	150 J	150 J			< 500 U	< 500 U
Nitrite	14797-65-0	ug/L	(1)	< 500 U	< 500 U			< 500 U	< 500 U
Phosphorus	7723-14-0	ug/L	(1)	< 100 U	< 100 U			< 100 (U)	< 100 (U)
Sulfate	14808-79-8	ug/L	(1)	17100	17100			17700	17799.99
Sulfide	18496-25-8	ug/L	(1)	< 500 (U)	< 500 (U)			< 500 (U)	< 500 (U)

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-004D	L-5-MW-004D	L-5-MW-005	L-5-MW-005	L-5-MW-006	L-5-MW-006	L-5-MW-006
			Sample Date	12/22/2000	2/14/2001	12/22/2000	2/15/2001	3/22/1999	12/22/2000	2/15/2001
			Depth Interval	26 - 36	26 - 36	4 - 14	4 - 14	75 - 95	75 - 95	75 - 95
			Sample ID	5MW-4D(20001222)	5MW-4D(20010214)	5MW-5(20001222)	5MW-5(20010215)	5MW-6(19990322)	5MW-6(20001222)	5MW-6(20010215)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)					< 0.3 U		
1,3-Dinitrobenzene	99-65-0	ug/L	(1)					< 0.1 U		
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)					< 0.1 U		
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)					< 0.6 U		
2-Nitrotoluene	88-72-2	ug/L	(1)					< 1 U		
3-Nitrotoluene	99-08-1	ug/L	(1)					< 1 U		
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)					< 0.1 U		
4-Nitrotoluene	99-99-0	ug/L	(1)					< 1 U		
HMX	2691-41-0	ug/L	(1)					< 1 U		
Nitrobenzene	98-95-3	ug/L	(1)					< 10 U		
Nitrobenzene	98-95-3	ug/L	(2)					< 1 U		
RDX	121-82-4	ug/L	(1)					< 0.8 U		
Tetryl	479-45-8	ug/L	(1)					< 1 U		
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	ug/L	(1)					< 10 U		
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					< 0.1 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(1)					< 0.3 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					< 10 U		
Metals										
Aluminum	7429-90-5	ug/L	(1)					109.99 J		
Antimony	7440-36-0	ug/L	(1)					< 60 U		
Arsenic	7440-38-2	ug/L	(1)					< 10 U		
Barium	7440-39-3	ug/L	(1)					14 J		
Beryllium	7440-41-7	ug/L	(1)					0.76 J		
Cadmium	7440-43-9	ug/L	(1)					< 5 U		
Calcium	7440-70-2	ug/L	(1)					28899.99 J		
Chromium	7440-47-3	ug/L	(1)					< 10 U		
Cobalt	7440-48-4	ug/L	(1)					< 50 U		
Copper	7440-50-8	ug/L	(1)					< 25 U		
Iron	7439-89-6	ug/L	(1)					170		
Lead	7439-92-1	ug/L	(1)					< 3 U		
Magnesium	7439-95-4	ug/L	(1)					3900 J		
Manganese	7439-96-5	ug/L	(1)					23		
Mercury	7439-97-6	ug/L	(1)					< 0.2 U		
Nickel	7440-02-0	ug/L	(1)					< 40 U		
Potassium	7440-09-7	ug/L	(1)					1799.99 J		
Selenium	7782-49-2	ug/L	(1)					< 5 U		
Silver	7440-22-4	ug/L	(1)					< 10 U		
Sodium	7440-23-5	ug/L	(1)					< 5000 U		
Thallium	7440-28-0	ug/L	(1)					< 10 U		
Vanadium	7440-62-2	ug/L	(1)					< 50 U		
Zinc	7440-66-6	ug/L	(1)					< 20 U		
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	0.44 J		< 1 U		< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)					< 10 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)					< 10 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)					< 10 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)					< 10 U		

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-004D	L-5-MW-004D	L-5-MW-005	L-5-MW-005	L-5-MW-006	L-5-MW-006	L-5-MW-006
			Sample Date	12/22/2000	2/14/2001	12/22/2000	2/15/2001	3/22/1999	12/22/2000	2/15/2001
			Depth Interval	26 - 36	26 - 36	4 - 14	4 - 14	75 - 95	75 - 95	75 - 95
			Sample ID	5MW-4D(20001222)	5MW-4D(20010214)	5MW-5(20001222)	5MW-5(20010215)	5MW-6(19990322)	5MW-6(20001222)	5MW-6(20010215)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)					< 10 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)					< 10 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)					< 10 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)					< 10 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)					< 50 U		
2-Chloronaphthalene	91-58-7	ug/L	(1)					< 10 U		
2-Chlorophenol	95-57-8	ug/L	(1)					< 10 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)					< 10 U		
2-Methylphenol	95-48-7	ug/L	(1)					< 10 U		
2-Nitroaniline	88-74-4	ug/L	(1)					< 50 U		
2-Nitrophenol	88-75-5	ug/L	(1)					< 10 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)					< 50 U		
3-Nitroaniline	99-09-2	ug/L	(1)					< 50 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)					< 50 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)					< 10 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)					< 10 U		
4-Chloroaniline	106-47-8	ug/L	(1)					< 10 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)					< 10 U		
4-Methylphenol	106-44-5	ug/L	(1)					< 10 U#		
4-Nitroaniline	100-01-6	ug/L	(1)					< 50 U		
4-Nitrophenol	100-02-7	ug/L	(1)					< 50 U		
Acenaphthene	83-32-9	ug/L	(1)					< 10 U		
Acenaphthylene	208-96-8	ug/L	(1)					< 10 U		
Aniline	62-53-3	ug/L	(1)					< 10 U		
Anthracene	120-12-7	ug/L	(1)					< 10 U		
Benz(a)anthracene	56-55-3	ug/L	(1)					< 10 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)					< 10 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)					< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)					< 10 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)					< 10 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)					< 10 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)					< 10 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)					< 10 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)					< 10 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)					< 10 U		
Carbazole	86-74-8	ug/L	(1)					< 10 U		
Chrysene	218-01-9	ug/L	(1)					< 10 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)					< 10 U		
Dibenzofuran	132-64-9	ug/L	(1)					< 10 U		
Diethylphthalate	84-66-2	ug/L	(1)					< 10 U		
Dimethylphthalate	131-11-3	ug/L	(1)					< 10 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)					< 10 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)					< 10 U		
Diphenylamine	122-39-4	ug/L	(1)					< 10 U		
Fluoranthene	206-44-0	ug/L	(1)					< 10 U		
Fluorene	86-73-7	ug/L	(1)					< 10 U		
Hexachlorobenzene	118-74-1	ug/L	(1)					< 10 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)					< 10 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)					< 50 U		

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-004D	L-5-MW-004D	L-5-MW-005	L-5-MW-005	L-5-MW-006	L-5-MW-006	L-5-MW-006
			Sample Date	12/22/2000	2/14/2001	12/22/2000	2/15/2001	3/22/1999	12/22/2000	2/15/2001
			Depth Interval	26 - 36	26 - 36	4 - 14	4 - 14	75 - 95	75 - 95	75 - 95
			Sample ID	5MW-4D(20001222)	5MW-4D(20010214)	5MW-5(20001222)	5MW-5(20010215)	5MW-6(19990322)	5MW-6(20001222)	5MW-6(20010215)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Hexachloroethane	67-72-1	ug/L	(1)					< 10 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)					< 10 U		
Isophorone	78-59-1	ug/L	(1)					< 10 U		
Naphthalene	91-20-3	ug/L	(1)					< 10 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)					< 10 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)					< 10 U		
Pentachlorophenol	87-86-5	ug/L	(1)					< 10 U		
Phenanthrene	85-01-8	ug/L	(1)					< 10 U		
Phenol	108-95-2	ug/L	(1)					< 10 U		
Pyrene	129-00-0	ug/L	(1)					< 10 U		
VOC										
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,2,4-Trimethylbenzene	95-63-6	ug/L	(1)					0.2 J		
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
1,3,5-Trimethylbenzene	108-67-8	ug/L	(1)					0.2 J		
2-Butanone	78-93-3	ug/L	(1)	< 10 U		< 10 U		< 10 R	< 10 U	
2-Hexanone	591-78-6	ug/L	(1)	< 10 U		< 10 U		< 10 U	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U		< 5 U		< 10 U	< 5 U	
Acetone	67-64-1	ug/L	(1)	< 10 (U)		< 10 (U)		< 10 R	< 10 (U)	
Acetonitrile	75-05-8	ug/L	(1)	< 20 R		< 20 R		< 20 R	< 20 R	
Benzene	71-43-2	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 1 UJ		< 1 UJ		< 1 U	< 1 UJ	
Bromomethane	74-83-9	ug/L	(1)	< 2 UJ		< 2 UJ		< 2 U	< 2 UJ	
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U		< 1 U		0.25 J	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 2 U		< 2 U		< 2 U	< 2 U	
Chloroform	67-66-3	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Chloromethane	74-87-3	ug/L	(1)	< 2 U		< 2 U		< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	0.72		0.3 J		< 0.5 U	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U		< 2 U		< 2 U	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U		< 1 U		0.25 J	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Tetrachloroethene	127-18-4	ug/L	(1)	9.1 J		0.5 J		< 1 U	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 1 U		< 1 U		< 1 (U)	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U		< 0.5 U		< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U		< 1 U		< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	0.88 J		0.19 J		< 1 U	< 1 U	
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U		< 2 U		< 2 U	< 2 U	
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U		< 2 U		< 2 U	< 2 U	

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-004D	L-5-MW-004D	L-5-MW-005	L-5-MW-005	L-5-MW-006	L-5-MW-006	L-5-MW-006
			Sample Date	12/22/2000	2/14/2001	12/22/2000	2/15/2001	3/22/1999	12/22/2000	2/15/2001
			Depth Interval	26 - 36	26 - 36	4 - 14	4 - 14	75 - 95	75 - 95	75 - 95
			Sample ID	5MW-4D(20001222)	5MW-4D(20010214)	5MW-5(20001222)	5MW-5(20010215)	5MW-6(19990322)	5MW-6(20001222)	5MW-6(20010215)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Xylenes	1330-20-7	ug/L	(1)	< 1 U		< 1 U		1.29	< 1 U	
WetChem										
Ammonia	7664-41-7	ug/L	(1)					< 200 (U)		
Chloride	16887-00-6	ug/L	(1)					2000		
Cyanide	57-12-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Fluoride	16984-48-8	ug/L	(1)					280 J		
Nitrate	14797-55-8	ug/L	(1)					< 500 U		
Nitrite	14797-65-0	ug/L	(1)					< 500 U		
Phosphorus	7723-14-0	ug/L	(1)					< 100 (U)		
Sulfate	14808-79-8	ug/L	(1)					17399.99		
Sulfide	18496-25-8	ug/L	(1)					< 500 (U)		

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-007	L-5-MW-007	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-009
			Sample Date	12/26/2000	2/15/2001	12/26/2000	12/26/2000	2/14/2001	2/14/2001	12/26/2000
			Depth Interval	17 - 27	17 - 27	7 - 17	7 - 17	7 - 17	7 - 17	110 - 130
			Sample ID	5MW-7(20001226)	5MW-7(20010215)	5MW-8(20001226)	5MW-8DUP(20001226)	5MW-8(20010214)	5MW-8DUP(20010214)	5MW-9(20001226)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)							
1,3-Dinitrobenzene	99-65-0	ug/L	(1)							
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)							
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)							
2-Nitrotoluene	88-72-2	ug/L	(1)							
3-Nitrotoluene	99-08-1	ug/L	(1)							
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)							
4-Nitrotoluene	99-99-0	ug/L	(1)							
HMX	2691-41-0	ug/L	(1)							
Nitrobenzene	98-95-3	ug/L	(1)							
Nitrobenzene	98-95-3	ug/L	(2)							
RDX	121-82-4	ug/L	(1)							
Tetryl	479-45-8	ug/L	(1)							
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	ug/L	(1)							
2,4-Dinitrotoluene	121-14-2	ug/L	(2)							
2,6-Dinitrotoluene	606-20-2	ug/L	(1)							
2,6-Dinitrotoluene	606-20-2	ug/L	(2)							
Metals										
Aluminum	7429-90-5	ug/L	(1)							
Antimony	7440-36-0	ug/L	(1)							
Arsenic	7440-38-2	ug/L	(1)							
Barium	7440-39-3	ug/L	(1)							
Beryllium	7440-41-7	ug/L	(1)							
Cadmium	7440-43-9	ug/L	(1)							
Calcium	7440-70-2	ug/L	(1)							
Chromium	7440-47-3	ug/L	(1)							
Cobalt	7440-48-4	ug/L	(1)							
Copper	7440-50-8	ug/L	(1)							
Iron	7439-89-6	ug/L	(1)							
Lead	7439-92-1	ug/L	(1)							
Magnesium	7439-95-4	ug/L	(1)							
Manganese	7439-96-5	ug/L	(1)							
Mercury	7439-97-6	ug/L	(1)							
Nickel	7440-02-0	ug/L	(1)							
Potassium	7440-09-7	ug/L	(1)							
Selenium	7782-49-2	ug/L	(1)							
Silver	7440-22-4	ug/L	(1)							
Sodium	7440-23-5	ug/L	(1)							
Thallium	7440-28-0	ug/L	(1)							
Vanadium	7440-62-2	ug/L	(1)							
Zinc	7440-66-6	ug/L	(1)							
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U		0.23 J	0.33 J			< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)							
1,2-Dichlorobenzene	95-50-1	ug/L	(1)							
1,3-Dichlorobenzene	541-73-1	ug/L	(1)							
1,4-Dichlorobenzene	106-46-7	ug/L	(1)							

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-007	L-5-MW-007	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-009
			Sample Date	12/26/2000	2/15/2001	12/26/2000	12/26/2000	2/14/2001	2/14/2001	12/26/2000
			Depth Interval	17 - 27	17 - 27	7 - 17	7 - 17	7 - 17	7 - 17	110 - 130
			Sample ID	5MW-7(20001226)	5MW-7(20010215)	5MW-8(20001226)	5MW-8DUP(20001226)	5MW-8(20010214)	5MW-8DUP(20010214)	5MW-9(20001226)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)							
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)							
2,4-Dichlorophenol	120-83-2	ug/L	(1)							
2,4-Dimethylphenol	105-67-9	ug/L	(1)							
2,4-Dinitrophenol	51-28-5	ug/L	(1)							
2-Chloronaphthalene	91-58-7	ug/L	(1)							
2-Chlorophenol	95-57-8	ug/L	(1)							
2-Methylnaphthalene	91-57-6	ug/L	(1)							
2-Methylphenol	95-48-7	ug/L	(1)							
2-Nitroaniline	88-74-4	ug/L	(1)							
2-Nitrophenol	88-75-5	ug/L	(1)							
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)							
3-Nitroaniline	99-09-2	ug/L	(1)							
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)							
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)							
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)							
4-Chloroaniline	106-47-8	ug/L	(1)							
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)							
4-Methylphenol	106-44-5	ug/L	(1)							
4-Nitroaniline	100-01-6	ug/L	(1)							
4-Nitrophenol	100-02-7	ug/L	(1)							
Acenaphthene	83-32-9	ug/L	(1)							
Acenaphthylene	208-96-8	ug/L	(1)							
Aniline	62-53-3	ug/L	(1)							
Anthracene	120-12-7	ug/L	(1)							
Benz(a)anthracene	56-55-3	ug/L	(1)							
Benzo(a)pyrene	50-32-8	ug/L	(1)							
Benzo(b)fluoranthene	205-99-2	ug/L	(1)							
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)							
Benzo(k)fluoranthene	207-08-9	ug/L	(1)							
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)							
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)							
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)							
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)							
Butylbenzyl phthalate	85-68-7	ug/L	(1)							
Carbazole	86-74-8	ug/L	(1)							
Chrysene	218-01-9	ug/L	(1)							
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)							
Dibenzofuran	132-64-9	ug/L	(1)							
Diethylphthalate	84-66-2	ug/L	(1)							
Dimethylphthalate	131-11-3	ug/L	(1)							
di-n-Butylphthalate	84-74-2	ug/L	(1)							
di-n-Octylphthalate	117-84-0	ug/L	(1)							
Diphenylamine	122-39-4	ug/L	(1)							
Fluoranthene	206-44-0	ug/L	(1)							
Fluorene	86-73-7	ug/L	(1)							
Hexachlorobenzene	118-74-1	ug/L	(1)							
Hexachlorobutadiene	87-68-3	ug/L	(1)							
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)							

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-007	L-5-MW-007	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-009
			Sample Date	12/26/2000	2/15/2001	12/26/2000	12/26/2000	2/14/2001	2/14/2001	12/26/2000
			Depth Interval	17 - 27	17 - 27	7 - 17	7 - 17	7 - 17	7 - 17	110 - 130
			Sample ID	5MW-7(20001226)	5MW-7(20010215)	5MW-8(20001226)	5MW-8DUP(20001226)	5MW-8(20010214)	5MW-8DUP(20010214)	5MW-9(20001226)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Hexachloroethane	67-72-1	ug/L	(1)							
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)							
Isophorone	78-59-1	ug/L	(1)							
Naphthalene	91-20-3	ug/L	(1)							
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)							
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)							
Pentachlorophenol	87-86-5	ug/L	(1)							
Phenanthrene	85-01-8	ug/L	(1)							
Phenol	108-95-2	ug/L	(1)							
Pyrene	129-00-0	ug/L	(1)							
VOC										
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,2,4-Trimethylbenzene	95-63-6	ug/L	(1)							
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
1,3,5-Trimethylbenzene	108-67-8	ug/L	(1)							
2-Butanone	78-93-3	ug/L	(1)	< 10 U		< 10 U	< 10 U			< 10 U
2-Hexanone	591-78-6	ug/L	(1)	< 10 U		< 10 U	< 10 U			< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U		< 5 U	< 5 U			< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 (U)		< 10 (U)	< 10 (U)			< 10 (U)
Acetonitrile	75-05-8	ug/L	(1)	< 20 R		< 20 R	< 20 R			< 20 R
Benzene	71-43-2	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U		< 2 U	< 2 U			< 2 U
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U		< 1 (U)	1.2			< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 UJ		< 2 UJ	< 2 UJ			< 2 UJ
Chloroform	67-66-3	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U		< 2 U	< 2 U			< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U		0.18 J	0.18 J			< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 UJ		< 2 UJ	< 2 UJ			< 2 UJ
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U		5.8	5.7			< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U		< 0.5 U	< 0.5 U			< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U		0.66 J	0.64 J			< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U		< 2 U	< 2 U			< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U		< 2 U	< 2 U			< 2 U

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-007	L-5-MW-007	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-008	L-5-MW-009
			Sample Date	12/26/2000	2/15/2001	12/26/2000	12/26/2000	2/14/2001	2/14/2001	12/26/2000
			Depth Interval	17 - 27	17 - 27	7 - 17	7 - 17	7 - 17	7 - 17	110 - 130
			Sample ID	5MW-7(20001226)	5MW-7(20010215)	5MW-8(20001226)	5MW-8DUP(20001226)	5MW-8(20010214)	5MW-8DUP(20010214)	5MW-9(20001226)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Xylenes	1330-20-7	ug/L	(1)	< 1 U		< 1 U	< 1 U			< 1 U
WetChem										
Ammonia	7664-41-7	ug/L	(1)							
Chloride	16887-00-6	ug/L	(1)							
Cyanide	57-12-5	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Fluoride	16984-48-8	ug/L	(1)							
Nitrate	14797-55-8	ug/L	(1)							
Nitrite	14797-65-0	ug/L	(1)							
Phosphorus	7723-14-0	ug/L	(1)							
Sulfate	14808-79-8	ug/L	(1)							
Sulfide	18496-25-8	ug/L	(1)							

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-009	L-DM5-1	L-DM5-1	L-DM5-1	L-DM5-2	L-DM5-2	L-DM5-2
			Sample Date	2/15/2001	3/4/1999	12/26/2000	2/14/2001	3/4/1999	12/22/2000	2/14/2001
			Depth Interval	110 - 130	18 - 28	18 - 28	18 - 28	10 - 20	10 - 20	10 - 20
			Sample ID	5MW-9(20010215)	DM5-1(19990304)	DM5-1(20001226)	DM5-1(20010214)	DM5-2(19990304)	DM5-2(20001222)	DM5-2(20010214)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Explosives										
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)		< 0.3 U			< 0.3 U		
1,3-Dinitrobenzene	99-65-0	ug/L	(1)		< 0.1 U			< 0.1 U		
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)		< 0.1 U			< 0.1 U		
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)		< 0.1 U			< 0.1 U		
2-Nitrotoluene	88-72-2	ug/L	(1)		< 1 U			< 1 U		
3-Nitrotoluene	99-08-1	ug/L	(1)		< 1 U			< 1 U		
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)		< 0.1 U			< 0.1 U		
4-Nitrotoluene	99-99-0	ug/L	(1)		< 1 U			< 1 U		
HMX	2691-41-0	ug/L	(1)		< 1 U			< 1 U		
Nitrobenzene	98-95-3	ug/L	(1)		< 10 U			< 1 U		
Nitrobenzene	98-95-3	ug/L	(2)		< 1 U			< 10 U		
RDX	121-82-4	ug/L	(1)		< 0.8 U			< 0.8 U		
Tetryl	479-45-8	ug/L	(1)		< 1 U			< 1 U		
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	ug/L	(1)		< 10 U			< 0.1 U		
2,4-Dinitrotoluene	121-14-2	ug/L	(2)		< 0.1 U			< 10 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(1)		< 0.3 U			< 10 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(2)		< 10 U			< 0.3 U		
Metals										
Aluminum	7429-90-5	ug/L	(1)		689.99			57 J		
Antimony	7440-36-0	ug/L	(1)		< 60 U			< 60 U		
Arsenic	7440-38-2	ug/L	(1)		< 10 U			< 10 U		
Barium	7440-39-3	ug/L	(1)		3.59 J			4.99 J		
Beryllium	7440-41-7	ug/L	(1)		< 5 U			< 5 U		
Cadmium	7440-43-9	ug/L	(1)		< 5 U			< 5 U		
Calcium	7440-70-2	ug/L	(1)		13000			13899.99		
Chromium	7440-47-3	ug/L	(1)		< 10 U			< 10 U		
Cobalt	7440-48-4	ug/L	(1)		< 50 U			< 50 U		
Copper	7440-50-8	ug/L	(1)		< 25 U			< 25 U		
Iron	7439-89-6	ug/L	(1)		699.99			< 100 R		
Lead	7439-92-1	ug/L	(1)		< 3 U			< 3 U		
Magnesium	7439-95-4	ug/L	(1)		2700 J			4000 J		
Manganese	7439-96-5	ug/L	(1)		9.6 J			25		
Mercury	7439-97-6	ug/L	(1)		< 0.2 U			< 0.2 U		
Nickel	7440-02-0	ug/L	(1)		< 40 U			< 40 U		
Potassium	7440-09-7	ug/L	(1)		509.99 J			689.99 J		
Selenium	7782-49-2	ug/L	(1)		< 5 U			< 5 U		
Silver	7440-22-4	ug/L	(1)		< 10 U			< 10 U		
Sodium	7440-23-5	ug/L	(1)		4699.99 J			8800		
Thallium	7440-28-0	ug/L	(1)		< 10 U			< 10 U		
Vanadium	7440-62-2	ug/L	(1)		< 50 U			< 50 U		
Zinc	7440-66-6	ug/L	(1)		< 20 U			< 20 U		
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)		< 10 U			< 10 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)		< 10 U			< 10 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)		< 10 U			< 10 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)		< 10 U			< 10 U		

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-009	L-DM5-1	L-DM5-1	L-DM5-1	L-DM5-2	L-DM5-2	L-DM5-2
			Sample Date	2/15/2001	3/4/1999	12/26/2000	2/14/2001	3/4/1999	12/22/2000	2/14/2001
			Depth Interval	110 - 130	18 - 28	18 - 28	18 - 28	10 - 20	10 - 20	10 - 20
			Sample ID	5MW-9(20010215)	DM5-1(19990304)	DM5-1(20001226)	DM5-1(20010214)	DM5-2(19990304)	DM5-2(20001222)	DM5-2(20010214)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)		< 10 U			< 10 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)		< 10 U			< 10 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)		< 10 U			< 10 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)		< 10 U			< 10 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)		< 50 UJ			< 50 UJ		
2-Chloronaphthalene	91-58-7	ug/L	(1)		< 10 U			< 10 U		
2-Chlorophenol	95-57-8	ug/L	(1)		< 10 U			< 10 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)		< 10 U			< 10 U		
2-Methylphenol	95-48-7	ug/L	(1)		< 10 U			< 10 U		
2-Nitroaniline	88-74-4	ug/L	(1)		< 50 U			< 50 U		
2-Nitrophenol	88-75-5	ug/L	(1)		< 10 U			< 10 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)		< 50 U			< 50 U		
3-Nitroaniline	99-09-2	ug/L	(1)		< 50 U			< 50 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)		< 50 U			< 50 UJ		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)		< 10 U			< 10 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)		< 10 U			< 10 U		
4-Chloroaniline	106-47-8	ug/L	(1)		< 10 U			< 10 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)		< 10 U			< 10 U		
4-Methylphenol	106-44-5	ug/L	(1)		< 10 U#			< 10 U#		
4-Nitroaniline	100-01-6	ug/L	(1)		< 50 U			< 50 U		
4-Nitrophenol	100-02-7	ug/L	(1)		< 50 R			< 50 U		
Acenaphthene	83-32-9	ug/L	(1)		< 10 U			< 10 U		
Acenaphthylene	208-96-8	ug/L	(1)		< 10 U			< 10 U		
Aniline	62-53-3	ug/L	(1)		< 10 U			< 10 U		
Anthracene	120-12-7	ug/L	(1)		< 10 U			< 10 U		
Benz(a)anthracene	56-55-3	ug/L	(1)		< 10 U			< 10 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)		< 10 U			< 10 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)		< 10 U			< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)		< 10 U			< 10 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)		< 10 U			< 10 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)		< 10 U			< 10 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)		< 10 U			< 10 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)		< 10 U			< 10 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)		< 10 U			< 10 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)		< 10 U			< 10 U		
Carbazole	86-74-8	ug/L	(1)		< 10 U			< 10 U		
Chrysene	218-01-9	ug/L	(1)		< 10 U			< 10 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)		< 10 U			< 10 U		
Dibenzofuran	132-64-9	ug/L	(1)		< 10 U			< 10 U		
Diethylphthalate	84-66-2	ug/L	(1)		< 10 U			< 10 U		
Dimethylphthalate	131-11-3	ug/L	(1)		< 10 U			< 10 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)		< 10 U			< 10 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)		< 10 U			< 10 U		
Diphenylamine	122-39-4	ug/L	(1)		< 10 U			< 10 U		
Fluoranthene	206-44-0	ug/L	(1)		< 10 U			< 10 U		
Fluorene	86-73-7	ug/L	(1)		< 10 U			< 10 U		
Hexachlorobenzene	118-74-1	ug/L	(1)		< 10 U			< 10 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)		< 10 U			< 10 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)		< 50 U			< 50 UJ		

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-009	L-DM5-1	L-DM5-1	L-DM5-1	L-DM5-2	L-DM5-2	L-DM5-2
			Sample Date	2/15/2001	3/4/1999	12/26/2000	2/14/2001	3/4/1999	12/22/2000	2/14/2001
			Depth Interval	110 - 130	18 - 28	18 - 28	18 - 28	10 - 20	10 - 20	10 - 20
			Sample ID	5MW-9(20010215)	DM5-1(19990304)	DM5-1(20001226)	DM5-1(20010214)	DM5-2(19990304)	DM5-2(20001222)	DM5-2(20010214)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Hexachloroethane	67-72-1	ug/L	(1)		< 10 U			< 10 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)		< 10 U			< 10 U		
Isophorone	78-59-1	ug/L	(1)		< 10 U			< 10 U		
Naphthalene	91-20-3	ug/L	(1)		< 10 U			< 10 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)		< 10 U			< 10 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)		< 10 U			< 10 U		
Pentachlorophenol	87-86-5	ug/L	(1)		< 10 R			< 10 U		
Phenanthrene	85-01-8	ug/L	(1)		< 10 U			< 10 U		
Phenol	108-95-2	ug/L	(1)		< 10 U			< 10 U		
Pyrene	129-00-0	ug/L	(1)		< 10 U			< 10 U		
VOC										
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,2,4-Trimethylbenzene	95-63-6	ug/L	(1)		< 1 U			< 1 U		
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
1,3,5-Trimethylbenzene	108-67-8	ug/L	(1)		< 1 U			< 1 U		
2-Butanone	78-93-3	ug/L	(1)		< 10 R	< 10 U		< 10 R	< 10 U	
2-Hexanone	591-78-6	ug/L	(1)		< 10 UJ	< 10 U		< 10 UJ	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 5 UJ	< 5 U		< 5 UJ	< 5 U	
Acetone	67-64-1	ug/L	(1)		< 10 R	< 10 (U)		< 10 R	< 10 (U)	
Acetonitrile	75-05-8	ug/L	(1)		< 20 R	< 20 R		< 20 R	< 20 R	
Benzene	71-43-2	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 UJ	
Bromomethane	74-83-9	ug/L	(1)		< 2 U	< 2 U		< 2 U	< 2 UJ	
Carbon disulfide	75-15-0	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)		< 2 U	< 2 UJ		< 2 U	< 2 U	
Chloroform	67-66-3	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Chloromethane	74-87-3	ug/L	(1)		< 2 U	< 2 U		< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)		< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 2 U	< 2 UJ		< 2 U	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)		< 1 (U)	< 1 U		< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Tetrachloroethene	127-18-4	ug/L	(1)		< 1 U	< 1 U		1.1	0.93 J	
Toluene	108-88-3	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)		< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
Trichlorofluoromethane	75-69-4	ug/L	(1)		< 2 U	< 2 U		< 2 U	< 2 U	
Vinyl chloride	75-01-4	ug/L	(1)		< 2 U	< 2 U		< 2 U	< 2 U	

			Site Name	5	5	5	5	5	5	5
			Location ID	L-5-MW-009	L-DM5-1	L-DM5-1	L-DM5-1	L-DM5-2	L-DM5-2	L-DM5-2
			Sample Date	2/15/2001	3/4/1999	12/26/2000	2/14/2001	3/4/1999	12/22/2000	2/14/2001
			Depth Interval	110 - 130	18 - 28	18 - 28	18 - 28	10 - 20	10 - 20	10 - 20
			Sample ID	5MW-9(20010215)	DM5-1(19990304)	DM5-1(20001226)	DM5-1(20010214)	DM5-2(19990304)	DM5-2(20001222)	DM5-2(20010214)
			Sample Matrix	WG	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo							
Xylenes	1330-20-7	ug/L	(1)		< 1 U	< 1 U		< 1 U	< 1 U	
WetChem										
Ammonia	7664-41-7	ug/L	(1)		< 200 (U)			< 200 (U)		
Chloride	16887-00-6	ug/L	(1)		3099.99			12600		
Cyanide	57-12-5	ug/L	(1)	< 10 U	2400 D	< 10 U	< 10 U	1600 D	< 10 U	< 10 U
Fluoride	16984-48-8	ug/L	(1)		100 J			70 J		
Nitrate	14797-55-8	ug/L	(1)		59.99 J			90 J		
Nitrite	14797-65-0	ug/L	(1)		< 500 U			< 500 U		
Phosphorus	7723-14-0	ug/L	(1)		< 100 (U)			< 100 U		
Sulfate	14808-79-8	ug/L	(1)		9899.99			15199.99		
Sulfide	18496-25-8	ug/L	(1)		< 500 (U)			< 500 (U)		

			Site Name	5	5	5
			Location ID	L-MW-3	L-MW-3	L-MW-3
			Sample Date	3/4/1999	12/26/2000	2/14/2001
			Depth Interval	34 - 44	34 - 44	34 - 44
			Sample ID	MW-3(19990304)	MW-3(20001226)	MW-3(20010214)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U		
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U		
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U		
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U		
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U		
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U		
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U		
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U		
HMX	2691-41-0	ug/L	(1)	< 1 U		
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U		
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U		
RDX	121-82-4	ug/L	(1)	< 0.8 U		
Tetryl	479-45-8	ug/L	(1)	< 1 U		
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U		
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U		
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U		
Metals						
Aluminum	7429-90-5	ug/L	(1)	109.99 J		
Antimony	7440-36-0	ug/L	(1)	< 60 U		
Arsenic	7440-38-2	ug/L	(1)	< 10 U		
Barium	7440-39-3	ug/L	(1)	8.79 J		
Beryllium	7440-41-7	ug/L	(1)	< 5 U		
Cadmium	7440-43-9	ug/L	(1)	< 5 U		
Calcium	7440-70-2	ug/L	(1)	33000		
Chromium	7440-47-3	ug/L	(1)	< 10 U		
Cobalt	7440-48-4	ug/L	(1)	< 50 U		
Copper	7440-50-8	ug/L	(1)	< 25 U		
Iron	7439-89-6	ug/L	(1)	5800		
Lead	7439-92-1	ug/L	(1)	< 3 U		
Magnesium	7439-95-4	ug/L	(1)	8300		
Manganese	7439-96-5	ug/L	(1)	23		
Mercury	7439-97-6	ug/L	(1)	< 0.2 U		
Nickel	7440-02-0	ug/L	(1)	< 40 U		
Potassium	7440-09-7	ug/L	(1)	649.99 J		
Selenium	7782-49-2	ug/L	(1)	< 5 U		
Silver	7440-22-4	ug/L	(1)	< 10 U		
Sodium	7440-23-5	ug/L	(1)	28600		
Thallium	7440-28-0	ug/L	(1)	< 10 U		
Vanadium	7440-62-2	ug/L	(1)	< 50 U		
Zinc	7440-66-6	ug/L	(1)	< 20 U		
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U		
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U		

			Site Name	5	5	5
			Location ID	L-MW-3	L-MW-3	L-MW-3
			Sample Date	3/4/1999	12/26/2000	2/14/2001
			Depth Interval	34 - 44	34 - 44	34 - 44
			Sample ID	MW-3(19990304)	MW-3(20001226)	MW-3(20010214)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 UJ		
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U		
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U		
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U		
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U		
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U		
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U		
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U		
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#		
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U		
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 R		
Acenaphthene	83-32-9	ug/L	(1)	< 10 U		
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U		
Aniline	62-53-3	ug/L	(1)	< 10 U		
Anthracene	120-12-7	ug/L	(1)	< 10 U		
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U		
Carbazole	86-74-8	ug/L	(1)	< 10 U		
Chrysene	218-01-9	ug/L	(1)	< 10 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U		
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U		
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U		
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U		
Diphenylamine	122-39-4	ug/L	(1)	< 10 U		
Fluoranthene	206-44-0	ug/L	(1)	< 10 U		
Fluorene	86-73-7	ug/L	(1)	< 10 U		
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 U		

			Site Name	5	5	5
			Location ID	L-MW-3	L-MW-3	L-MW-3
			Sample Date	3/4/1999	12/26/2000	2/14/2001
			Depth Interval	34 - 44	34 - 44	34 - 44
			Sample ID	MW-3(19990304)	MW-3(20001226)	MW-3(20010214)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U		
Isophorone	78-59-1	ug/L	(1)	< 10 U		
Naphthalene	91-20-3	ug/L	(1)	< 10 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U		
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 R		
Phenanthrene	85-01-8	ug/L	(1)	< 10 U		
Phenol	108-95-2	ug/L	(1)	< 10 U		
Pyrene	129-00-0	ug/L	(1)	< 10 U		
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	
1,2,4-Trimethylbenzene	95-63-6	ug/L	(1)	< 1 U		
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	
1,3,5-Trimethylbenzene	108-67-8	ug/L	(1)	< 1 U		
2-Butanone	78-93-3	ug/L	(1)	< 10 R	< 10 U	
2-Hexanone	591-78-6	ug/L	(1)	< 10 UJ	< 10 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 UJ	< 5 U	
Acetone	67-64-1	ug/L	(1)	< 10 R	< 10 (U)	
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 U	
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U	
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	

			Site Name	5	5	5
			Location ID	L-MW-3	L-MW-3	L-MW-3
			Sample Date	3/4/1999	12/26/2000	2/14/2001
			Depth Interval	34 - 44	34 - 44	34 - 44
			Sample ID	MW-3(19990304)	MW-3(20001226)	MW-3(20010214)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	
WetChem						
Ammonia	7664-41-7	ug/L	(1)	< 200 (U)		
Chloride	16887-00-6	ug/L	(1)	105000		
Cyanide	57-12-5	ug/L	(1)	1500 D	< 10 U	< 10 U
Fluoride	16984-48-8	ug/L	(1)	39.99 J		
Nitrate	14797-55-8	ug/L	(1)	79.99 J		
Nitrite	14797-65-0	ug/L	(1)	< 500 U		
Phosphorus	7723-14-0	ug/L	(1)	< 100 U		
Sulfate	14808-79-8	ug/L	(1)	5099.99		
Sulfide	18496-25-8	ug/L	(1)	< 500 (U)		

Historic Analytical Results for Soil Samples at PICA 162/Site 5

Chemical Name	CAS No	Unit	Site Name	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	11/5/1998	11/5/1998	11/5/1998	6/17/1999	6/17/1999
			Depth Interval	4 - 6	4 - 6	6 - 8	0 - 2	2 - 4
			Sample ID	5MW-4A(4-6)	5MW-4ADUP(4-6)	5MW-4B(6-8)	5MW-4DA(0-2)	5MW-4DB(2-4)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.25 U	< 0.25 U
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.25 U	< 0.25 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.25 U	< 0.25 U
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.25 U	< 0.25 U
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.201 U	< 0.201 U	< 0.203 U	< 0.25 U	< 0.25 U
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.201 U	< 0.201 U	< 0.203 U	< 0.25 U	< 0.25 U
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.25 U	< 0.25 U
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.201 U	< 0.201 U	< 0.203 U	< 0.25 U	< 0.25 U
HMX	2691-41-0	mg/kg	(1)	< 0.201 U	< 0.201 U	< 0.203 U	< 0.25 U	< 0.25 U
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Nitrobenzene	98-95-3	mg/kg	(2)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.25 U	< 0.25 U
RDX	121-82-4	mg/kg	(1)	< 0.201 U	< 0.201 U	< 0.203 U	< 0.25 U	< 0.25 U
Tetryl	479-45-8	mg/kg	(1)	< 0.201 UJ	< 0.201 UJ	< 0.203 U	< 0.25 U	< 0.25 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.101 U	< 0.101 U	< 0.102 U	< 0.377 U	< 0.39 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.155 U	< 0.101 U	< 0.162 U	< 0.25 U	< 0.25 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.101 U	< 0.154 U	< 0.102 U	< 0.377 U	< 0.39 U
Metals								
Aluminum	7429-90-5	mg/kg	(1)	9100	6840	14800	15296.8	16193.85
Antimony	7440-36-0	mg/kg	(1)	< 0.052 U	< 0.054 R	0.12	1.59	0.39 J
Arsenic	7440-38-2	mg/kg	(1)	1.8	1.88	2.49	5.47	2.83
Barium	7440-39-3	mg/kg	(1)	33.7	27.1	59.3	74.65	60.75
Beryllium	7440-41-7	mg/kg	(1)	0.75	0.58	1.39	0.78	0.69
Cadmium	7440-43-9	mg/kg	(1)	0.04	0.05	0.37	0.83	0.18 J
Calcium	7440-70-2	mg/kg	(1)	2130	1640	2510	2785.38	2836.87
Chromium	7440-47-3	mg/kg	(1)	13.7	11.7	20.5	23.97	31.32
Cobalt	7440-48-4	mg/kg	(1)	7.98	7.51	15.2	8.21	7.8
Copper	7440-50-8	mg/kg	(1)	19.3	18	160	1426.94	109.33
Iron	7439-89-6	mg/kg	(1)	18200	13800 J	27300	22374.42 J	19503.54 J
Lead	7439-92-1	mg/kg	(1)	2.3	2.37	16.7	138.12	31.32
Magnesium	7439-95-4	mg/kg	(1)	2310	1940	2710	2328.76	2009.45
Manganese	7439-96-5	mg/kg	(1)	303	232 J	1190	464.61	382.97
Mercury	7439-97-6	mg/kg	(1)	< 0.021 U	< 0.022 U	< 0.022 U	0.05 J	0.03 J
Nickel	7440-02-0	mg/kg	(1)	10.4	9.09	12.8	15.98	15.6
Potassium	7440-09-7	mg/kg	(1)	1080	835	1580	811.64	582.74 J
Selenium	7782-49-2	mg/kg	(1)	0.92 J	0.81	1.62 J	0.62	1.01
Silver	7440-22-4	mg/kg	(1)	0.03	0.32 J	0.06	< 0.571 U	< 0.591 U
Sodium	7440-23-5	mg/kg	(1)	150	121	197	179.22 J	198.58 J
Thallium	7440-28-0	mg/kg	(1)	0.08	0.09	0.15	< 1.142 U	< 1.182 U
Vanadium	7440-62-2	mg/kg	(1)	21.5	18.7	35.6	28.31	23.75
Zinc	7440-66-6	mg/kg	(1)	29.4	29.1	321	1472.6	469.26

			Site Name	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	11/5/1998	11/5/1998	11/5/1998	6/17/1999	6/17/1999
			Depth Interval	4 - 6	4 - 6	6 - 8	0 - 2	2 - 4
			Sample ID	5MW-4A(4-6)	5MW-4ADUP(4-6)	5MW-4B(6-8)	5MW-4DA(0-2)	5MW-4DB(2-4)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.333 U	< 0.33 U	< 0.348 U	< 0.377 U	< 0.39 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.333 U	< 0.33 U	< 0.348 U	< 0.377 U	< 0.39 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.443 U	< 1.432 U	< 1.508 U	< 1.826 U	< 1.891 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.333 U	< 0.33 U	< 0.348 U	< 1.826 U	< 1.891 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.826 U	< 1.891 U
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.333 U	< 0.33 U	< 0.348 U	< 1.826 U	< 1.891 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.11 U	< 1.101 U	< 1.16 U	< 1.826 U	< 1.891 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.333 U	< 0.33 U	< 0.348 U	< 0.377 U	< 0.39 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.155 U#	< 0.154 U#	< 0.162 U#	< 0.377 U#	< 0.39 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.333 U	< 0.33 U	< 0.348 U	< 1.826 U	< 1.891 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.826 U	< 1.891 U
Acenaphthene	83-32-9	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Aniline	62-53-3	mg/kg	(1)				< 0.377 U	< 0.39 U
Anthracene	120-12-7	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Benz(a)anthracene	56-55-3	mg/kg	(1)	< 0.111 U	0.33	< 0.116 U	0.06 J	< 0.39 U
Benzo(a)pyrene	50-32-8	mg/kg	(1)	< 0.155 U	0.34	< 0.162 U	0.06 J	< 0.39 U
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	< 0.111 U	0.46	< 0.116 U	0.1 J	< 0.39 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	< 0.178 U	< 0.176 U	< 0.186 U	< 0.377 UJ	< 0.39 UJ
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	< 0.111 U	0.34 J	< 0.116 U	< 0.377 U	< 0.39 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 (U)	0.57	0.65
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
Carbazole	86-74-8	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
Chrysene	218-01-9	mg/kg	(1)	< 0.111 U	0.39	< 0.116 U	0.1 J	< 0.39 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	< 0.178 U	< 0.176 U	< 0.186 U	< 0.377 UJ	< 0.39 UJ
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U

Chemical Name	CAS No	Unit	Site Name	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	11/5/1998	11/5/1998	11/5/1998	6/17/1999	6/17/1999
			Depth Interval	4 - 6	4 - 6	6 - 8	0 - 2	2 - 4
			Sample ID	5MW-4A(4-6)	5MW-4ADUP(4-6)	5MW-4B(6-8)	5MW-4DA(0-2)	5MW-4DB(2-4)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
SVOC (continued)								
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
Diphenylamine	122-39-4	mg/kg	(1)				< 0.377 U	< 0.39 U
Fluoranthene	206-44-0	mg/kg	(1)	< 0.078 U	0.63	< 0.081 U	0.12 J	< 0.39 U
Fluorene	86-73-7	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.11 U	< 1.101 U	< 1.16 U	< 1.826 U	< 1.891 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	< 0.178 U	< 0.176 U	< 0.186 U	0.05 J	< 0.39 UJ
Isophorone	78-59-1	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.111 U	< 0.11 U	< 0.116 U	< 0.377 U	< 0.39 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.078 U	< 0.077 U	< 0.081 U	< 0.377 U	< 0.39 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.377 U	< 0.39 U
Phenanthrene	85-01-8	mg/kg	(1)	< 0.078 U	0.25	< 0.081 U	0.06 J	< 0.39 U
Phenol	108-95-2	mg/kg	(1)	< 0.155 U	< 0.154 U	< 0.162 U	< 0.377 U	< 0.39 U
Pyrene	129-00-0	mg/kg	(1)	< 0.078 U	0.59	< 0.081 U	0.15 J	0.04 J
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.777 U	< 0.771 U	< 0.812 U	< 0.651 U	< 0.993 U
2-Butanone	78-93-3	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 12.557 (U)	< 20.095 (U)
2-Hexanone	591-78-6	mg/kg	(1)	< 0.777 UJ	< 0.771 UJ	< 0.812 UJ	< 6.507 U	< 9.929 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 0.777 U	< 0.771 U	< 0.812 U	< 6.507 U	< 9.929 U
Acetone	67-64-1	mg/kg	(1)	< 0.777 UJ	< 0.771 UJ	< 0.812 UJ	< 12.557 (U)	< 20.095 (U)
Acetonitrile	75-05-8	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 26.256 R	< 40.189 R
Benzene	71-43-2	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Bromoform	75-25-2	mg/kg	(1)	< 0.777 U	< 0.771 U	< 0.812 U	< 0.651 U	< 0.993 U
Bromomethane	74-83-9	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.256 R	< 2.009 R
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Chloroethane	75-00-3	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.256 R	< 2.009 R
Chloroform	67-66-3	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Chloromethane	74-87-3	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.256 U	< 2.009 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.777 U	< 0.771 U	< 0.812 U	< 0.65 U	< 0.99 U

Chemical Name	CAS No	Unit	Site Name	5	5	5	5	5
			Location ID	L-5-MW-004	L-5-MW-004	L-5-MW-004	L-5-MW-004D	L-5-MW-004D
			Sample Date	11/5/1998	11/5/1998	11/5/1998	6/17/1999	6/17/1999
			Depth Interval	4 - 6	4 - 6	6 - 8	0 - 2	2 - 4
			Sample ID	5MW-4A(4-6)	5MW-4ADUP(4-6)	5MW-4B(6-8)	5MW-4DA(0-2)	5MW-4DB(2-4)
			Sample Matrix	SO	SO	SO	SO	SO
			ValueNo					
VOC (continued)								
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.256 U	< 2.009 U
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Styrene	100-42-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Toluene	108-88-3	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 UJ	< 0.993 UJ
Vinyl chloride	75-01-4	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 1.256 U	< 2.009 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.555 U	< 0.551 U	< 0.58 U	< 0.651 U	< 0.993 U
WetChem								
Ammonia	7664-41-7	mg/kg	(1)	< 7.647 UJ	20.6 J	< 7.726 U	< 2 (U)	< 0.591 (U)
Chloride	16887-00-6	mg/kg	(1)	6.85	6.33	7	18.72	31.91
Cyanide	57-12-5	mg/kg	(1)	< 0.272 U	< 0.275 U	< 0.29 U	< 0.571 U	< 0.591 U
Fluoride	16984-48-8	mg/kg	(1)	3.74 J	3.8 J	5.02 J	3.53 J	3.3 J
Nitrate	14797-55-8	mg/kg	(1)	< 1.057 U	< 1.085 U	< 1.172 U	0.68 J	< 5.91 U
Nitrite	14797-65-0	mg/kg	(1)	< 1.057 U	< 1.085 U	< 1.172 U	< 5.708 U	< 5.91 U
Phosphorus	7723-14-0	mg/kg	(1)	333 D	244 D	274 D	308.21 D	14.18
Sulfate	14808-79-8	mg/kg	(1)	18.4	18.1	19.4	8.1 J	18.91
Sulfide	18496-25-8	mg/kg	(1)	13.9	16.3	16.2	4.1 J	< 59.102 U
Total organic carbon	TOC	mg/kg	(1)			1320		

		Site Name	62	62
		Location ID	H-62-MW-001	H-62-MW-002
		Sample Date	10/8/1996	10/8/1996
		Depth Interval	19.99 - 29.99	21.2 - 31.2
		Sample ID	62MW-1(19961008)	62MW-2(19961008)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U
Metals				
Aluminum	7429-90-5	ug/L	< 23.5 U	150
Antimony	7440-36-0	ug/L	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U	1.06
Barium	7440-39-3	ug/L	21.7	10.6
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U
Boron	7440-42-8	ug/L	< 50 U	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	6400	20300
Chromium	7440-47-3	ug/L	< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U
Copper	7440-50-8	ug/L	< 5 U	< 5 U
Iron	7439-89-6	ug/L	< 36.8 U	97.4
Lead	7439-92-1	ug/L	< 1 U	< 1 U
Magnesium	7439-95-4	ug/L	2070	5870
Manganese	7439-96-5	ug/L	3.59	11.5
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	1120	2180
Selenium	7782-49-2	ug/L	< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	2380	9170
Strontium	7440-24-6	ug/L	40.6	260
Thallium	7440-28-0	ug/L	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	< 2 U	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U
Pesticides				
Mirex	2385-85-5	ug/L	< 0.025 U	< 0.025 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U	< 6.1 U

		Site Name	62	62
		Location ID	H-62-MW-001	H-62-MW-002
		Sample Date	10/8/1996	10/8/1996
		Depth Interval	19.99 - 29.99	21.2 - 31.2
		Sample ID	62MW-1(19961008)	62MW-2(19961008)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 R	< 0.042 R
Phenanthrene	85-01-8	ug/L	< 0.5 U	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U	< 2.8 U
TPH				
Diesel Range Organics	DRO	ug/L	< 340 U	< 340 U
Gasoline range organics	GRO	ug/L	< 340 U	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U	< 340 U
TRPH	TRPH	ug/L	< 176 U	< 192 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	0.53	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U
WetChem				
Ammonia	7664-41-7	ug/L	< 60 U	< 60 U
Chloride	16887-00-6	ug/L	3510	7570
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U

		Site Name	62	62
		Location ID	H-62-MW-001	H-62-MW-002
		Sample Date	10/8/1996	10/8/1996
		Depth Interval	19.99 - 29.99	21.2 - 31.2
		Sample ID	62MW-1(19961008)	62MW-2(19961008)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	370	650
Phosphate	14265-44-2	ug/L	< 13.3 U	27.7
Sulfate	14808-79-8	ug/L	< 10000 U	17000
Sulfide	18496-25-8	ug/L	< 50 U	< 50 U

		Site Name	62	62
		Location ID	H-62-SD-001	H-62-SD-002
		Sample Date	6/18/1996	6/18/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	62SD-1(0-1)	62SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U	< 1.19 U
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U
Metals				
Aluminum	7429-90-5	mg/kg	4330	4260
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	0.9	1.94
Barium	7440-39-3	mg/kg	44	66.6
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	11.2	15.8
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	1230	1920
Chromium	7440-47-3	mg/kg	< 4.05 U	< 4.05 U
Cobalt	7440-48-4	mg/kg	< 1.42 U	5.52
Copper	7440-50-8	mg/kg	44.3	16.4
Iron	7439-89-6	mg/kg	1990	2570
Lead	7439-92-1	mg/kg	23.5	33
Magnesium	7439-95-4	mg/kg	570	576
Manganese	7439-96-5	mg/kg	25.4	38.3
Mercury	7439-97-6	mg/kg	0.9	1.33
Nickel	7440-02-0	mg/kg	< 1.71 U	4.22
Potassium	7440-09-7	mg/kg	403	368
Selenium	7782-49-2	mg/kg	0.81	1.15
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	553	688
Strontium	7440-24-6	mg/kg	14.1 J	17 J
Thallium	7440-28-0	mg/kg	0.33	0.28
Titanium	7440-32-6	mg/kg	< 50 U	< 50 U
Vanadium	7440-62-2	mg/kg	< 3.39 U	< 3.39 U
Zinc	7440-66-6	mg/kg	32.6	55.7
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U
Pesticides				
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U

		Site Name	62	62
		Location ID	H-62-SD-001	H-62-SD-002
		Sample Date	6/18/1996	6/18/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	62SD-1(0-1)	62SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
SVOC (continued)				
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U	< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U	< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U	< 0.033 U

		Site Name	62	62
		Location ID	H-62-SD-001	H-62-SD-002
		Sample Date	6/18/1996	6/18/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	62SD-1(0-1)	62SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
TPH				
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U
TRPH	TRPH	mg/kg	< 28.5 U	< 28.7 U
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.01	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U
WetChem				
Ammonia	7664-41-7	mg/kg	182	262
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	11.4	8.34
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	0.95	< 0.6 U
Phosphate	14265-44-2	mg/kg	< 7.49 U	160
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	17.1
Total organic carbon	TOC	mg/kg	48100	55200

Historic Analytical Results for Soil Samples at PICA 091/Site 62

Chemical Name	CAS No	Site Name	62	62	62	62	62	62
		Location ID	H-62-MW-001	H-62-MW-001	H-62-MW-002	H-62-MW-002	H-62-SS-001B	H-62-SS-002C
		Sample Date	5/15/1996	5/15/1996	5/16/1996	5/17/1996	3/22/1996	12/7/1995
		Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	0 - 1	0 - 1
		Sample ID	62MW-1A(0-2)	62MW-1B(5-7)	62MW-2A(0-2)	62MW-2C(10-12)	62SS-1B(0-1)	62SS-2C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 UJ	< 0.488 UJ	< 0.488 U	< 0.488 U		< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U		< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U		< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U		< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U		< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U		< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U		< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U		< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U		< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U		< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U		< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R		4.59 J
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U		< 0.731 U
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U		< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U		< 0.524 U
Metals								
Aluminum	7429-90-5	mg/kg	18600	15700	8480	11200		7560
Antimony	7440-36-0	mg/kg	0.42	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U
Arsenic	7440-38-2	mg/kg	5.32	8.94	4.14	8.24		3.73
Barium	7440-39-3	mg/kg	270	75.9	38.1	43.3		33
Beryllium	7440-41-7	mg/kg	2.26	< 0.5 U	< 0.5 U	0.71		1.89
Boron	7440-42-8	mg/kg	39.4	8.65	9.97	11.4		< 5.91 U
Cadmium	7440-43-9	mg/kg	2.06	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U
Calcium	7440-70-2	mg/kg	62000	7370	848	614		1130
Chromium	7440-47-3	mg/kg	12.5	57.1	13.3	18.3		12.1
Cobalt	7440-48-4	mg/kg	3.05	4.96	8.21	29.9		7.01
Copper	7440-50-8	mg/kg	1700	228	21.4	28.2		19.4
Iron	7439-89-6	mg/kg	10900	21800	15300	22700		23700
Lead	7439-92-1	mg/kg	124	33.3	9.44	15.2		19.1
Magnesium	7439-95-4	mg/kg	18000	4250	2990	2790		2310
Manganese	7439-96-5	mg/kg	1230	246	374	1220		303
Mercury	7439-97-6	mg/kg	< 0.05 U	0.37	0.1 J	< 0.05 UJ		0.18
Nickel	7440-02-0	mg/kg	7.81	11.4	15.6	22.9		11.4
Potassium	7440-09-7	mg/kg	938	587	843	824		612
Selenium	7782-49-2	mg/kg	3.81	1.63	0.62	0.82		< 0.25 U
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U		< 0.589 U
Sodium	7440-23-5	mg/kg	1020	474	393	471		393
Strontium	7440-24-6	mg/kg	260	89	6.49	8.8		7.31 J
Thallium	7440-28-0	mg/kg	< 0.1 U	0.18	< 0.1 U	0.14		< 0.1 U
Titanium	7440-32-6	mg/kg	1020	272	184	229		234
Vanadium	7440-62-2	mg/kg	13.2	27.2	17.5	25.7		18.7
Zinc	7440-66-6	mg/kg	804	140	48.4	78.7		58.1
Zirconium	7440-67-7	mg/kg	34.6	20	4.48	12.9		4.47

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	62 / H-62-MW-001 / 5/15/1996 / 0 - 2 / 62MW-1A(0-2) / SO	62 / H-62-MW-001 / 5/15/1996 / 5 - 7 / 62MW-1B(5-7) / SO	62 / H-62-MW-002 / 5/16/1996 / 0 - 2 / 62MW-2A(0-2) / SO	62 / H-62-MW-002 / 5/17/1996 / 10 - 12 / 62MW-2C(10-12) / SO	62 / H-62-SS-001B / 3/22/1996 / 0 - 1 / 62SS-1B(0-1) / SO	62 / H-62-SS-002C / 12/7/1995 / 0 - 1 / 62SS-2C(0-1) / SO
PCBs								
Aroclor 1016	12674-11-2	mg/kg					< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg					< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg					< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg					< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg					< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg					< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg					< 0.0804 U	
Pesticides								
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U		< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U		< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U		< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U		< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U		< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U		< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U		< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U		< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U		< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U		< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U		< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U		< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U		< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U		< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U		< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#		< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U		< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U		< 1.4 U
Acenaphthene	83-32-9	mg/kg	0.3	< 0.036 U	< 0.036 U	< 0.036 U		< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U		< 0.65 U
Anthracene	120-12-7	mg/kg	0.4	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	2	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	2	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	3	< 0.21 U	< 0.21 U	< 0.21 U		< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U		< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	1	< 0.066 U	< 0.066 U	< 0.066 U		0.09

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	62 / H-62-MW-001 / 5/15/1996 / 0 - 2 / 62MW-1A(0-2) / SO / mg/kg	62 / H-62-MW-001 / 5/15/1996 / 5 - 7 / 62MW-1B(5-7) / SO / mg/kg	62 / H-62-MW-002 / 5/16/1996 / 0 - 2 / 62MW-2A(0-2) / SO / mg/kg	62 / H-62-MW-002 / 5/17/1996 / 10 - 12 / 62MW-2C(10-12) / SO / mg/kg	62 / H-62-SS-001B / 3/22/1996 / 0 - 1 / 62SS-1B(0-1) / SO / mg/kg	62 / H-62-SS-002C / 12/7/1995 / 0 - 1 / 62SS-2C(0-1) / SO / mg/kg
SVOC (continued)								
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U		< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U		< 0.14 U
Chrysene	218-01-9	mg/kg	3	0.5	< 0.12 U	< 0.12 U		0.16
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U		< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U		< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U		< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U		< 0.13 U
Fluoranthene	206-44-0	mg/kg	5	0.9	< 0.068 U	< 0.068 U		0.21
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U		< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U		< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U		< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U		< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U		< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U		< 1.3 U
Phenanthrene	85-01-8	mg/kg	2	0.4	< 0.033 U	< 0.033 U		0.11
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U		< 0.11 U
Pyrene	129-00-0	mg/kg	5	0.8	< 0.033 U	< 0.033 U		0.23
TPH								
Diesel Fuel	68334-30-5	mg/kg	21	< 8.24 U	< 8.24 U	< 8.24 U		< 8 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U		< 8 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U		< 8 U
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U		< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U		< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U		< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U		< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U		< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	62 / H-62-MW-001 / 5/15/1996 / 0 - 2 / 62MW-1A(0-2) / SO	62 / H-62-MW-001 / 5/15/1996 / 5 - 7 / 62MW-1B(5-7) / SO	62 / H-62-MW-002 / 5/16/1996 / 0 - 2 / 62MW-2A(0-2) / SO	62 / H-62-MW-002 / 5/17/1996 / 10 - 12 / 62MW-2C(10-12) / SO	62 / H-62-SS-001B / 3/22/1996 / 0 - 1 / 62SS-1B(0-1) / SO	62 / H-62-SS-002C / 12/7/1995 / 0 - 1 / 62SS-2C(0-1) / SO
VOC (continued)								
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U		< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U		< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U		< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U		< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U		< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U		< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U
Ethylene Oxide	75-21-8	mg/kg						< 0.3 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U		< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U		< 1 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U		< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U		< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U	0.8	< 0.59 U		< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U
WetChem								
Ammonia	7664-41-7	mg/kg	22.5	20.3	36.4	35.9		28.1
Chloride	16887-00-6	mg/kg	24.7	< 6.05 U	< 6.05 U	< 6.05 U		< 6.05 U
Cyanide	57-12-5	mg/kg	3.72	< 0.92 U	< 0.92 U	< 0.92 U		< 0.92 U
Fluoride	16984-48-8	mg/kg	< 3.62 U	19.8	5.54	8.51		4.74
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	1.24	< 0.6 U	< 0.6 U	< 0.6 U		< 0.6 U
Phosphate	14265-44-2	mg/kg	290	200	330	350		370
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U		< 90.4 U
Sulfide	18496-25-8	mg/kg	330	190	< 6 U	< 6 U		6.95

		Site Name	62
		Location ID	H-62-SW-002
		Sample Date	6/18/1996
		Depth Interval	
		Sample ID	62SW-2(19960618)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U
PETN	78-11-5	ug/L	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U
Metals			
Aluminum	7429-90-5	ug/L	8630
Antimony	7440-36-0	ug/L	2.51
Arsenic	7440-38-2	ug/L	18.8
Barium	7440-39-3	ug/L	216
Beryllium	7440-41-7	ug/L	< 5 U
Boron	7440-42-8	ug/L	< 50 U
Cadmium	7440-43-9	ug/L	8.38
Calcium	7440-70-2	ug/L	24400
Chromium	7440-47-3	ug/L	16.4
Cobalt	7440-48-4	ug/L	< 50 U
Copper	7440-50-8	ug/L	122
Iron	7439-89-6	ug/L	49500
Lead	7439-92-1	ug/L	152
Magnesium	7439-95-4	ug/L	6950
Manganese	7439-96-5	ug/L	579
Mercury	7439-97-6	ug/L	4.21
Nickel	7440-02-0	ug/L	14.8
Potassium	7440-09-7	ug/L	2650
Selenium	7782-49-2	ug/L	5.92
Silver	7440-22-4	ug/L	7.33
Sodium	7440-23-5	ug/L	6540
Strontium	7440-24-6	ug/L	110
Thallium	7440-28-0	ug/L	< 1 U
Titanium	7440-32-6	ug/L	260
Vanadium	7440-62-2	ug/L	29.7
Zinc	7440-66-6	ug/L	447
Zirconium	7440-67-7	ug/L	3.99
Pesticides			
Mirex	2385-85-5	ug/L	< 0.025 U
SVOC			
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U

		Site Name	62
		Location ID	H-62-SW-002
		Sample Date	6/18/1996
		Depth Interval	
		Sample ID	62SW-2(19960618)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
SVOC (continued)			
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U

		Site Name	62
		Location ID	H-62-SW-002
		Sample Date	6/18/1996
		Depth Interval	
		Sample ID	62SW-2(19960618)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
TPH			
Diesel Range Organics	DRO	ug/L	< 340 U
Gasoline range organics	GRO	ug/L	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 330 U
TRPH	TRPH	ug/L	< 186 U
VOC			
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U
Acetone	67-64-1	ug/L	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U
Toluene	108-88-3	ug/L	2.7
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U
Trichloroethene	79-01-6	ug/L	1
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U
WetChem			
Ammonia	7664-41-7	ug/L	1620
Chloride	16887-00-6	ug/L	11000
Cyanide	57-12-5	ug/L	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	< 10 U
Phosphate	14265-44-2	ug/L	4700
Sulfate	14808-79-8	ug/L	< 10000 U
Sulfide	18496-25-8	ug/L	5000

		Site Name	64	64	64	64
		Location ID	H-64-HP-001	H-64-HP-002	H-64-MW-001	H-64-MW-001
		Sample Date	11/17/2000	11/17/2000	10/2/1996	12/19/2000
		Depth Interval	8 - 10	8 - 10	23.18 - 33.18	23.18 - 33.18
		Sample ID	64HP-1(20001117)	64HP-2(20001117)	64MW-1(19961002)	64MW-1(20001219)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Dissolved Gas						
Ethane	74-84-0	ug/L				
Ethene	74-85-1	ug/L				
Hydrogen	1333-74-0	nM				
Methane	74-82-8	ug/L				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L			< 0.449 U	
1,3-Dinitrobenzene	99-65-0	ug/L			< 0.611 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L			< 0.635 U	
HMX	2691-41-0	ug/L			< 1.21 U	
Nitrobenzene	98-95-3	ug/L			< 0.645 U	
Nitrocellulose	9004-70-0	ug/L			< 553 U	
Nitroglycerin	55-63-0	ug/L			< 10 U	
Nitroguanidine	556-88-7	ug/L			< 30.9 U	
PETN	78-11-5	ug/L			< 20 U	
Picric Acid	88-89-1	ug/L			< 0.27 U	
RDX	121-82-4	ug/L			< 1.17 U	
Tetrazene	14097-21-3	ug/L			< 40 U	
Tetryl	479-45-8	ug/L			< 1.56 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L			< 0.0637 U	
2,6-Dinitrotoluene	606-20-2	ug/L			< 0.0738 U	
Metals						
Aluminum	7429-90-5	ug/L			56.3	
Antimony	7440-36-0	ug/L			< 1 U	
Arsenic	7440-38-2	ug/L			< 1 U	
Barium	7440-39-3	ug/L			5.87	
Beryllium	7440-41-7	ug/L			< 5 U	
Boron	7440-42-8	ug/L			57.8	
Cadmium	7440-43-9	ug/L			< 3.01 U	
Calcium	7440-70-2	ug/L			29200	
Chromium	7440-47-3	ug/L			10.1	
Cobalt	7440-48-4	ug/L			< 50 U	
Copper	7440-50-8	ug/L			< 5 U	
Iron	7439-89-6	ug/L			116	
Lead	7439-92-1	ug/L			1.66	
Magnesium	7439-95-4	ug/L			11600	
Manganese	7439-96-5	ug/L			72.5	
Mercury	7439-97-6	ug/L			< 0.243 U	
Nickel	7440-02-0	ug/L			< 7.11 U	
Potassium	7440-09-7	ug/L			1310	
Selenium	7782-49-2	ug/L			< 2 U	
Silver	7440-22-4	ug/L			< 4.42 U	
Sodium	7440-23-5	ug/L			3360	
Strontium	7440-24-6	ug/L			61	
Thallium	7440-28-0	ug/L			< 1 U	
Titanium	7440-32-6	ug/L			< 2 U	
Vanadium	7440-62-2	ug/L			< 4.69 U	
Zinc	7440-66-6	ug/L			< 35.8 U	
Zirconium	7440-67-7	ug/L			< 1 UJ	
Pesticides						
Mirex	2385-85-5	ug/L			< 0.025 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 1 U	< 0.51 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L			< 1.8 U	
1,2-Dichlorobenzene	95-50-1	ug/L			< 1.7 U	
1,3-Dichlorobenzene	541-73-1	ug/L			< 1.7 U	
1,4-Dichlorobenzene	106-46-7	ug/L			< 1.7 U	
2,4,5-Trichlorophenol	95-95-4	ug/L			< 5.2 U	
2,4,6-Trichlorophenol	88-06-2	ug/L			< 4.2 U	
2,4-Dichlorophenol	120-83-2	ug/L			< 2.9 U	
2,4-Dimethylphenol	105-67-9	ug/L			< 5.8 U	
2,4-Dinitrophenol	51-28-5	ug/L			< 21 U	
2-Chloronaphthalene	91-58-7	ug/L			< 0.5 U	
2-Chlorophenol	95-57-8	ug/L			< 0.99 U	
2-Methylnaphthalene	91-57-6	ug/L			< 1.7 U	
2-Methylphenol	95-48-7	ug/L			< 3.9 U	
2-Nitroaniline	88-74-4	ug/L			< 4.3 U	
2-Nitrophenol	88-75-5	ug/L			< 3.7 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L			< 12 U	
3-Nitroaniline	99-09-2	ug/L			< 4.9 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L			< 17 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L			< 4.2 U	

		Site Name	64	64	64	64
		Location ID	H-64-HP-001	H-64-HP-002	H-64-MW-001	H-64-MW-001
		Sample Date	11/17/2000	11/17/2000	10/2/1996	12/19/2000
		Depth Interval	8 - 10	8 - 10	23.18 - 33.18	23.18 - 33.18
		Sample ID	64HP-1(20001117)	64HP-2(20001117)	64MW-1(19961002)	64MW-1(20001219)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
4-Chloro-3-methylphenol	59-50-7	ug/L			< 4 U	
4-Chloroaniline	106-47-8	ug/L			< 7.3 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L			< 5.1 U	
4-Methylphenol	106-44-5	ug/L			< 0.52 U#	
4-Nitroaniline	100-01-6	ug/L			< 5.2 U	
4-Nitrophenol	100-02-7	ug/L			< 12 U	
Acenaphthene	83-32-9	ug/L			< 1.7 U	
Acenaphthylene	208-96-8	ug/L			< 0.5 U	
Aniline	62-53-3	ug/L			< 4.4 U	
Anthracene	120-12-7	ug/L			< 0.5 U	
Benz(a)anthracene	56-55-3	ug/L			< 1.6 U	
Benzo(a)pyrene	50-32-8	ug/L			< 4.7 U	
Benzo(b)fluoranthene	205-99-2	ug/L			< 5.4 U	
Benzo(g,h,i)perylene	191-24-2	ug/L			< 6.1 U	
Benzo(k)fluoranthene	207-08-9	ug/L			< 0.87 U	
Benzoic Acid	65-85-0	ug/L			< 13 U	
Benzyl alcohol	100-51-6	ug/L			< 0.72 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L			< 1.5 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L			< 1.9 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L			< 5.3 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L			< 4.8 U	
Butylbenzyl phthalate	85-68-7	ug/L			< 3.4 U	
Carbazole	86-74-8	ug/L			< 2 U	
Chrysene	218-01-9	ug/L			< 2.4 U	
Dibenz(a,h)anthracene	53-70-3	ug/L			< 6.5 U	
Dibenzofuran	132-64-9	ug/L			< 1.7 U	
Diethylphthalate	84-66-2	ug/L			< 2 U	
Dimethylphthalate	131-11-3	ug/L			< 1.5 U	
di-n-Butylphthalate	84-74-2	ug/L			< 3.7 U	
di-n-Octylphthalate	117-84-0	ug/L			< 15 U	
Diphenylamine	122-39-4	ug/L			< 2.5 U	
Fluoranthene	206-44-0	ug/L			< 3.3 U	
Fluorene	86-73-7	ug/L			< 3.7 U	
Hexachlorobenzene	118-74-1	ug/L			< 1.6 U	
Hexachlorobutadiene	87-68-3	ug/L			< 3.4 U	
Hexachlorocyclopentadiene	77-47-4	ug/L			< 8.6 U	
Hexachloroethane	67-72-1	ug/L			< 1.5 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L			< 8.6 U	
Isophorone	78-59-1	ug/L			< 4.8 U	
Naphthalene	91-20-3	ug/L			< 0.5 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L			< 4.4 U	
n-Nitrosodiphenylamine	86-30-6	ug/L			< 3 U	
Pentachlorophenol	87-86-5	ug/L			< 0.042 R	
Phenanthrene	85-01-8	ug/L			< 0.5 U	
Phenol	108-95-2	ug/L			< 9.2 U	
Pyrene	129-00-0	ug/L			< 2.8 U	
TPH						
Diesel Range Organics	DRO	ug/L			< 340 U	
Gasoline range organics	GRO	ug/L			< 340 U	
TPH, aviation gas fraction	50815-00-4	ug/L			< 340 U	
TRPH	TRPH	ug/L			< 183000 U	
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	< 1 U	< 5 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1 U	< 1.2 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 1 U	< 0.68 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L			< 0.5 U	
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
2-Butanone	78-93-3	ug/L	< 10 U	< 10 U	< 6.4 U	< 10 U
2-Hexanone	591-78-6	ug/L	< 10 U	< 10 U	< 3.6 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 5 U	< 3 U	< 5 U
Acetone	67-64-1	ug/L	< 10 (U)	< 10 (U)	< 13 U	< 10 (U)
Acetonitrile	75-05-8	ug/L	< 20 U	< 20 U	< 200 U	< 20 U
Benzene	71-43-2	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 1 U	< 0.59 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 1 U	< 2.6 U	< 1 U
Bromomethane	74-83-9	ug/L	< 2 U	< 2 U	< 5.8 U	< 2 U
Carbon disulfide	75-15-0	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 1 U	< 0.58 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
Chloroethane	75-00-3	ug/L	< 2 U	< 2 U	< 1.9 U	< 2 U

		Site Name	64	64	64	64
		Location ID	H-64-HP-001	H-64-HP-002	H-64-MW-001	H-64-MW-001
		Sample Date	11/17/2000	11/17/2000	10/2/1996	12/19/2000
		Depth Interval	8 - 10	8 - 10	23.18 - 33.18	23.18 - 33.18
		Sample ID	64HP-1(20001117)	64HP-2(20001117)	64MW-1(19961002)	64MW-1(20001219)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Chloroform	67-66-3	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U	< 2 U	< 3.2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U	< 0.5 U		< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 1 U	< 0.58 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 1 U	< 0.67 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 2 U	< 6.9 U	< 2 U
Ethanol	64-17-5	ug/L			< 2000 U	
Ethyl benzene	100-41-4	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
Isopropanol	67-63-0	ug/L			< 400 U	
Methylene chloride	75-09-2	ug/L	< 1 (U)	< 1 (U)	< 2.3 U	< 1 U
Styrene	100-42-5	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L			< 500 U	
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1 U	< 1.6 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	< 1 U	< 0.5 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U	< 0.5 U		< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 1 U	< 0.7 U	< 1 U
Trichloroethene	79-01-6	ug/L	6.9	< 1 U	3.9	1.7
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 2 U	< 1.4 U	< 2 U
Vinyl acetate	108-05-4	ug/L			< 8.3 U	
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2 U	< 2.6 U	< 2 U
Xylenes	1330-20-7	ug/L	< 1 U	< 1 U	< 0.84 U	< 1 U
WetChem						
Ammonia	7664-41-7	ug/L			< 60 U	
Chloride	16887-00-6	ug/L			2520	
Cyanide	57-12-5	ug/L			< 2.5 U	
Dissolved Organic Carbon	DOC	ug/L				
Fluoride	16984-48-8	ug/L			< 1230 U	
Nitrate	14797-55-8	ug/L				
Nitrate/Nitrite	Nitrate/Nitrite	ug/L			108	
Nitrite	14797-65-0	ug/L				
Phosphate	14265-44-2	ug/L			20	
Sulfate	14808-79-8	ug/L			< 10000 U	
Sulfide	18496-25-8	ug/L			< 50 U	

		Site Name	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-MW-002
		Sample Date	11/20/2003	10/1/1996	12/19/2000	2/13/2002
		Depth Interval	23.18 - 33.18	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05
		Sample ID	64MW-1(20031120)	64MW-2(19961001)	64MW-2(20001219)	64MW-2(20020213)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Dissolved Gas						
Ethane	74-84-0	ug/L				
Ethene	74-85-1	ug/L				
Hydrogen	1333-74-0	nM				
Methane	74-82-8	ug/L				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L		< 0.449 U		
1,3-Dinitrobenzene	99-65-0	ug/L		< 0.611 U		
2,4,6-Trinitrotoluene	118-96-7	ug/L		< 0.635 U		
HMX	2691-41-0	ug/L		< 1.21 U		
Nitrobenzene	98-95-3	ug/L		< 0.645 U		
Nitrocellulose	9004-70-0	ug/L		< 553 U		
Nitroglycerin	55-63-0	ug/L		< 10 U		
Nitroguanidine	556-88-7	ug/L		< 30.9 U		
PETN	78-11-5	ug/L		< 20 U		
Picric Acid	88-89-1	ug/L				
RDX	121-82-4	ug/L		< 1.17 U		
Tetrazene	14097-21-3	ug/L		< 40 U		
Tetryl	479-45-8	ug/L		< 1.56 U		
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L		< 0.0637 U		
2,6-Dinitrotoluene	606-20-2	ug/L		< 0.0738 U		
Metals						
Aluminum	7429-90-5	ug/L		6300		
Antimony	7440-36-0	ug/L		< 1 U		
Arsenic	7440-38-2	ug/L		< 1 U		
Barium	7440-39-3	ug/L		36.6		
Beryllium	7440-41-7	ug/L		< 5 U		
Boron	7440-42-8	ug/L		< 50 U		
Cadmium	7440-43-9	ug/L		< 3.01 U		
Calcium	7440-70-2	ug/L		17700		
Chromium	7440-47-3	ug/L		57.8		
Cobalt	7440-48-4	ug/L		< 50 U		
Copper	7440-50-8	ug/L		8.2		
Iron	7439-89-6	ug/L		2750		
Lead	7439-92-1	ug/L		2.67		
Magnesium	7439-95-4	ug/L		8810		
Manganese	7439-96-5	ug/L		17.5		
Mercury	7439-97-6	ug/L		< 0.243 U		
Nickel	7440-02-0	ug/L		39.6		
Potassium	7440-09-7	ug/L		3380		
Selenium	7782-49-2	ug/L		< 2 U		
Silver	7440-22-4	ug/L		< 4.42 U		
Sodium	7440-23-5	ug/L		< 2290 U		
Strontium	7440-24-6	ug/L		33.5		
Thallium	7440-28-0	ug/L		< 1 U		
Titanium	7440-32-6	ug/L		18.3		
Vanadium	7440-62-2	ug/L		14		
Zinc	7440-66-6	ug/L		< 35.8 U		
Zirconium	7440-67-7	ug/L		< 1 UJ		
Pesticides						
Mirex	2385-85-5	ug/L		< 0.025 U		
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U	< 0.51 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 1.8 U		
1,2-Dichlorobenzene	95-50-1	ug/L		< 1.7 U		
1,3-Dichlorobenzene	541-73-1	ug/L		< 1.7 U		
1,4-Dichlorobenzene	106-46-7	ug/L		< 1.7 U		
2,4,5-Trichlorophenol	95-95-4	ug/L		< 5.2 U		
2,4,6-Trichlorophenol	88-06-2	ug/L		< 4.2 U		
2,4-Dichlorophenol	120-83-2	ug/L		< 2.9 U		
2,4-Dimethylphenol	105-67-9	ug/L		< 5.8 U		
2,4-Dinitrophenol	51-28-5	ug/L		< 21 U		
2-Chloronaphthalene	91-58-7	ug/L		< 0.5 U		
2-Chlorophenol	95-57-8	ug/L		< 0.99 U		
2-Methylnaphthalene	91-57-6	ug/L		< 1.7 U		
2-Methylphenol	95-48-7	ug/L		< 3.9 U		
2-Nitroaniline	88-74-4	ug/L		< 4.3 U		
2-Nitrophenol	88-75-5	ug/L		< 3.7 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L		< 12 U		
3-Nitroaniline	99-09-2	ug/L		< 4.9 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L		< 17 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 4.2 U		

		Site Name	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-MW-002
		Sample Date	11/20/2003	10/1/1996	12/19/2000	2/13/2002
		Depth Interval	23.18 - 33.18	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05
		Sample ID	64MW-1(20031120)	64MW-2(19961001)	64MW-2(20001219)	64MW-2(20020213)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
4-Chloro-3-methylphenol	59-50-7	ug/L		< 4 U		
4-Chloroaniline	106-47-8	ug/L		< 7.3 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 5.1 U		
4-Methylphenol	106-44-5	ug/L		< 0.52 U#		
4-Nitroaniline	100-01-6	ug/L		< 5.2 U		
4-Nitrophenol	100-02-7	ug/L		< 12 U		
Acenaphthene	83-32-9	ug/L		< 1.7 U		
Acenaphthylene	208-96-8	ug/L		< 0.5 U		
Aniline	62-53-3	ug/L		< 4.4 U		
Anthracene	120-12-7	ug/L		< 0.5 U		
Benz(a)anthracene	56-55-3	ug/L		< 1.6 U		
Benzo(a)pyrene	50-32-8	ug/L		< 4.7 U		
Benzo(b)fluoranthene	205-99-2	ug/L		< 5.4 U		
Benzo(g,h,i)perylene	191-24-2	ug/L		< 6.1 U		
Benzo(k)fluoranthene	207-08-9	ug/L		< 0.87 U		
Benzoic Acid	65-85-0	ug/L		< 13 U		
Benzyl alcohol	100-51-6	ug/L		< 0.72 U		
bis(2-Chloroethoxy)methane	111-91-1	ug/L		< 1.5 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L		< 1.9 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L		< 5.3 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L		< 4.8 U		
Butylbenzyl phthalate	85-68-7	ug/L		< 3.4 U		
Carbazole	86-74-8	ug/L		< 2 U		
Chrysene	218-01-9	ug/L		< 2.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L		< 6.5 U		
Dibenzofuran	132-64-9	ug/L		< 1.7 U		
Diethylphthalate	84-66-2	ug/L		< 2 U		
Dimethylphthalate	131-11-3	ug/L		< 1.5 U		
di-n-Butylphthalate	84-74-2	ug/L		< 3.7 U		
di-n-Octylphthalate	117-84-0	ug/L		< 15 U		
Diphenylamine	122-39-4	ug/L		< 2.5 U		
Fluoranthene	206-44-0	ug/L		< 3.3 U		
Fluorene	86-73-7	ug/L		< 3.7 U		
Hexachlorobenzene	118-74-1	ug/L		< 1.6 U		
Hexachlorobutadiene	87-68-3	ug/L		< 3.4 U		
Hexachlorocyclopentadiene	77-47-4	ug/L		< 8.6 U		
Hexachloroethane	67-72-1	ug/L		< 1.5 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L		< 8.6 U		
Isophorone	78-59-1	ug/L		< 4.8 U		
Naphthalene	91-20-3	ug/L		< 0.5 U		
n-Nitroso-di-n-propylamine	621-64-7	ug/L		< 4.4 U		
n-Nitrosodiphenylamine	86-30-6	ug/L		< 3 U		
Pentachlorophenol	87-86-5	ug/L		< 0.042 UJ		
Phenanthrene	85-01-8	ug/L		< 0.5 U		
Phenol	108-95-2	ug/L		< 9.2 U		
Pyrene	129-00-0	ug/L		< 2.8 U		
TPH						
Diesel Range Organics	DRO	ug/L		< 340 U		
Gasoline range organics	GRO	ug/L		< 340 U		
TPH, aviation gas fraction	50815-00-4	ug/L		< 340 U		
TRPH	TRPH	ug/L		< 183000 U		
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U	< 5 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U	< 1.2 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U	< 0.68 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U	< 0.5 U	0.33 J	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L		< 0.5 U		
1,2-Dichloropropane	78-87-5	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	< 10 U	< 6.4 U	< 10 U	< 10 UJ
2-Hexanone	591-78-6	ug/L	< 10 U	< 3.6 U	< 10 U	< 10 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U	< 3 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	< 10 U	< 13 U	< 10 (U)	< 10 UJ
Acetonitrile	75-05-8	ug/L	< 20 U	< 200 U	< 20 U	< 20 R
Benzene	71-43-2	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U	< 0.59 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	< 1 U	< 2.6 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	< 2 U	< 5.8 U	< 2 U	< 2 UJ
Carbon disulfide	75-15-0	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U	< 0.58 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	< 2 U	< 1.9 U	< 2 U	< 2 U

		Site Name	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-MW-002
		Sample Date	11/20/2003	10/1/1996	12/19/2000	2/13/2002
		Depth Interval	23.18 - 33.18	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05
		Sample ID	64MW-1(20031120)	64MW-2(19961001)	64MW-2(20001219)	64MW-2(20020213)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Chloroform	67-66-3	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	< 2 U	< 3.2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U	< 0.58 U	< 1 U	< 1 U
Dibromochloromethane	124-48-1	ug/L	< 1 U	< 0.67 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U	< 6.9 U	< 2 U	< 2 U
Ethanol	64-17-5	ug/L		< 2000 U		
Ethyl benzene	100-41-4	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
Isopropanol	67-63-0	ug/L		< 400 U		
Methylene chloride	75-09-2	ug/L	< 1 U	< 2.3 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	< 1 U	< 0.5 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L		< 500 U		< 50 R
Tetrachloroethene	127-18-4	ug/L	< 1 U	< 1.6 U	< 1 U	< 1 U
Toluene	108-88-3	ug/L	< 1 U	0.61	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U	< 0.7 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	7.4	10	9.3	9
Trichlorofluoromethane	75-69-4	ug/L	< 2 U	< 1.4 U	< 2 U	< 2 U
Vinyl acetate	108-05-4	ug/L		< 8.3 U		
Vinyl chloride	75-01-4	ug/L	< 2 U	< 2.6 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	< 1 U	< 0.84 U	< 1 U	< 1 U
WetChem						
Ammonia	7664-41-7	ug/L		< 60 U		
Chloride	16887-00-6	ug/L		< 2120 U		
Cyanide	57-12-5	ug/L		< 2.5 U		
Dissolved Organic Carbon	DOC	ug/L				
Fluoride	16984-48-8	ug/L		< 1230 U		
Nitrate	14797-55-8	ug/L				
Nitrate/Nitrite	Nitrate/Nitrite	ug/L		80.3		
Nitrite	14797-65-0	ug/L				
Phosphate	14265-44-2	ug/L		55.2		
Sulfate	14808-79-8	ug/L		< 10000 U		
Sulfide	18496-25-8	ug/L		< 50 U		

		Site Name	64	64	64	64
		Location ID	H-64-MW-002	H-64-MW-002	H-64-MW-002	H-64-MW-002
		Sample Date	2/13/2002	10/16/2003	10/16/2003	11/12/2003
		Depth Interval	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05
		Sample ID	64MW-2DUP(20020213)	64MW-2(20031016)	64MW-2DUP(20031016)	64MW-2(20031112)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Dissolved Gas						
Ethane	74-84-0	ug/L				< 0.5 U
Ethene	74-85-1	ug/L				< 0.5 U
Hydrogen	1333-74-0	nM		1.3	2.6	
Methane	74-82-8	ug/L				< 0.5 U
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L				
1,3-Dinitrobenzene	99-65-0	ug/L				
2,4,6-Trinitrotoluene	118-96-7	ug/L				
HMX	2691-41-0	ug/L				
Nitrobenzene	98-95-3	ug/L				
Nitrocellulose	9004-70-0	ug/L				
Nitroglycerin	55-63-0	ug/L				
Nitroguanidine	556-88-7	ug/L				
PETN	78-11-5	ug/L				
Picric Acid	88-89-1	ug/L				
RDX	121-82-4	ug/L				
Tetrazene	14097-21-3	ug/L				
Tetryl	479-45-8	ug/L				
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L				
2,6-Dinitrotoluene	606-20-2	ug/L				
Metals						
Aluminum	7429-90-5	ug/L				
Antimony	7440-36-0	ug/L				
Arsenic	7440-38-2	ug/L				
Barium	7440-39-3	ug/L				
Beryllium	7440-41-7	ug/L				
Boron	7440-42-8	ug/L				
Cadmium	7440-43-9	ug/L				
Calcium	7440-70-2	ug/L				
Chromium	7440-47-3	ug/L				
Cobalt	7440-48-4	ug/L				
Copper	7440-50-8	ug/L				
Iron	7439-89-6	ug/L				340
Lead	7439-92-1	ug/L				
Magnesium	7439-95-4	ug/L				
Manganese	7439-96-5	ug/L				
Mercury	7439-97-6	ug/L				
Nickel	7440-02-0	ug/L				
Potassium	7440-09-7	ug/L				
Selenium	7782-49-2	ug/L				
Silver	7440-22-4	ug/L				
Sodium	7440-23-5	ug/L				
Strontium	7440-24-6	ug/L				
Thallium	7440-28-0	ug/L				
Titanium	7440-32-6	ug/L				
Vanadium	7440-62-2	ug/L				
Zinc	7440-66-6	ug/L				
Zirconium	7440-67-7	ug/L				
Pesticides						
Mirex	2385-85-5	ug/L				
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U			< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L				
1,2-Dichlorobenzene	95-50-1	ug/L				
1,3-Dichlorobenzene	541-73-1	ug/L				
1,4-Dichlorobenzene	106-46-7	ug/L				
2,4,5-Trichlorophenol	95-95-4	ug/L				
2,4,6-Trichlorophenol	88-06-2	ug/L				
2,4-Dichlorophenol	120-83-2	ug/L				
2,4-Dimethylphenol	105-67-9	ug/L				
2,4-Dinitrophenol	51-28-5	ug/L				
2-Chloronaphthalene	91-58-7	ug/L				
2-Chlorophenol	95-57-8	ug/L				
2-Methylnaphthalene	91-57-6	ug/L				
2-Methylphenol	95-48-7	ug/L				
2-Nitroaniline	88-74-4	ug/L				
2-Nitrophenol	88-75-5	ug/L				
3,3'-Dichlorobenzidine	91-94-1	ug/L				
3-Nitroaniline	99-09-2	ug/L				
4,6-dinitro-2-Methylphenol	534-52-1	ug/L				
4-Bromophenyl phenyl ether	101-55-3	ug/L				

		Site Name	64	64	64	64
		Location ID	H-64-MW-002	H-64-MW-002	H-64-MW-002	H-64-MW-002
		Sample Date	2/13/2002	10/16/2003	10/16/2003	11/12/2003
		Depth Interval	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05
		Sample ID	64MW-2DUP(20020213)	64MW-2(20031016)	64MW-2DUP(20031016)	64MW-2(20031112)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
4-Chloro-3-methylphenol	59-50-7	ug/L				
4-Chloroaniline	106-47-8	ug/L				
4-Chlorophenyl phenyl ether	7005-72-3	ug/L				
4-Methylphenol	106-44-5	ug/L				
4-Nitroaniline	100-01-6	ug/L				
4-Nitrophenol	100-02-7	ug/L				
Acenaphthene	83-32-9	ug/L				
Acenaphthylene	208-96-8	ug/L				
Aniline	62-53-3	ug/L				
Anthracene	120-12-7	ug/L				
Benz(a)anthracene	56-55-3	ug/L				
Benzo(a)pyrene	50-32-8	ug/L				
Benzo(b)fluoranthene	205-99-2	ug/L				
Benzo(g,h,i)perylene	191-24-2	ug/L				
Benzo(k)fluoranthene	207-08-9	ug/L				
Benzoic Acid	65-85-0	ug/L				
Benzyl alcohol	100-51-6	ug/L				
bis(2-Chloroethoxy)methane	111-91-1	ug/L				
bis(2-Chloroethyl)ether	111-44-4	ug/L				
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L				
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L				
Butylbenzyl phthalate	85-68-7	ug/L				
Carbazole	86-74-8	ug/L				
Chrysene	218-01-9	ug/L				
Dibenz(a,h)anthracene	53-70-3	ug/L				
Dibenzofuran	132-64-9	ug/L				
Diethylphthalate	84-66-2	ug/L				
Dimethylphthalate	131-11-3	ug/L				
di-n-Butylphthalate	84-74-2	ug/L				
di-n-Octylphthalate	117-84-0	ug/L				
Diphenylamine	122-39-4	ug/L				
Fluoranthene	206-44-0	ug/L				
Fluorene	86-73-7	ug/L				
Hexachlorobenzene	118-74-1	ug/L				
Hexachlorobutadiene	87-68-3	ug/L				
Hexachlorocyclopentadiene	77-47-4	ug/L				
Hexachloroethane	67-72-1	ug/L				
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L				
Isophorone	78-59-1	ug/L				
Naphthalene	91-20-3	ug/L				
n-Nitroso-di-n-propylamine	621-64-7	ug/L				
n-Nitrosodiphenylamine	86-30-6	ug/L				
Pentachlorophenol	87-86-5	ug/L				
Phenanthrene	85-01-8	ug/L				
Phenol	108-95-2	ug/L				
Pyrene	129-00-0	ug/L				
TPH						
Diesel Range Organics	DRO	ug/L				
Gasoline range organics	GRO	ug/L				
TPH, aviation gas fraction	50815-00-4	ug/L				
TRPH	TRPH	ug/L				
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U			< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U			< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U			< 1 U
1,1-Dichloroethane	75-34-3	ug/L	< 1 U			< 1 U
1,1-Dichloroethene	75-35-4	ug/L	< 1 U			< 1 U
1,2-Dichloroethane	107-06-2	ug/L	< 1 U			< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L				
1,2-Dichloropropane	78-87-5	ug/L	< 1 U			< 1 U
2-Butanone	78-93-3	ug/L	< 10 UJ			< 10 U
2-Hexanone	591-78-6	ug/L	< 10 UJ			< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U			< 5 U
Acetone	67-64-1	ug/L	< 10 UJ			< 10 (U)
Acetonitrile	75-05-8	ug/L	< 20 R			< 20 U
Benzene	71-43-2	ug/L	< 1 U			< 1 U
Bromodichloromethane	75-27-4	ug/L	< 1 U			< 1 U
Bromoform	75-25-2	ug/L	< 1 U			< 1 U
Bromomethane	74-83-9	ug/L	< 2 UJ			< 2 U
Carbon disulfide	75-15-0	ug/L	< 1 U			< 1 U
Carbon tetrachloride	56-23-5	ug/L	< 1 U			< 1 U
Chlorobenzene	108-90-7	ug/L	< 1 U			< 1 U
Chloroethane	75-00-3	ug/L	< 2 U			< 2 U

		Site Name	64	64	64	64
		Location ID	H-64-MW-002	H-64-MW-002	H-64-MW-002	H-64-MW-002
		Sample Date	2/13/2002	10/16/2003	10/16/2003	11/12/2003
		Depth Interval	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05	14.05 - 24.05
		Sample ID	64MW-2DUP(20020213)	64MW-2(20031016)	64MW-2DUP(20031016)	64MW-2(20031112)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Chloroform	67-66-3	ug/L	< 1 U			< 1 U
Chloromethane	74-87-3	ug/L	< 2 U			< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U			< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U			< 1 U
Dibromochloromethane	124-48-1	ug/L	< 1 U			< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U			< 2 U
Ethanol	64-17-5	ug/L				
Ethyl benzene	100-41-4	ug/L	< 1 U			< 1 U
Isopropanol	67-63-0	ug/L				
Methylene chloride	75-09-2	ug/L	< 1 U			< 1 U
Styrene	100-42-5	ug/L	< 1 U			< 1 U
tert-Butylalcohol	75-65-0	ug/L	< 50 R			
Tetrachloroethene	127-18-4	ug/L	< 1 U			< 1 U
Toluene	108-88-3	ug/L	< 1 U			< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U			< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U			< 1 U
Trichloroethene	79-01-6	ug/L	9.3			7.1
Trichlorofluoromethane	75-69-4	ug/L	< 2 U			< 2 U
Vinyl acetate	108-05-4	ug/L				
Vinyl chloride	75-01-4	ug/L	< 2 U			< 2 U
Xylenes	1330-20-7	ug/L	< 1 U			< 1 U
WetChem						
Ammonia	7664-41-7	ug/L				40 J
Chloride	16887-00-6	ug/L				1600
Cyanide	57-12-5	ug/L				
Dissolved Organic Carbon	DOC	ug/L				< 1000 R
Fluoride	16984-48-8	ug/L				
Nitrate	14797-55-8	ug/L				120 J
Nitrate/Nitrite	Nitrate/Nitrite	ug/L				
Nitrite	14797-65-0	ug/L				< 500 U
Phosphate	14265-44-2	ug/L				
Sulfate	14808-79-8	ug/L				1800
Sulfide	18496-25-8	ug/L				< 500 U

		Site Name	64	64	64
		Location ID	H-64-SD-001	H-64-SD-002	H-64-SD-003
		Sample Date	6/13/1996	6/13/1996	6/13/1996
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	64SD-1(0-1)	64SD-2(0-1)	64SD-3(0-1)
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U
Metals					
Aluminum	7429-90-5	mg/kg	11300	3880	6310
Antimony	7440-36-0	mg/kg	1.26	< 0.1 U	< 0.1 U
Arsenic	7440-38-2	mg/kg	11.5	2.55	4.2
Barium	7440-39-3	mg/kg	124	69	168
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	34.2	14.7	18.5
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	10500	2970	5600
Chromium	7440-47-3	mg/kg	< 4.05 U	< 4.05 U	< 4.05 U
Cobalt	7440-48-4	mg/kg	< 1.42 U	5.65	9.88
Copper	7440-50-8	mg/kg	71.2	33.2	38.4
Iron	7439-89-6	mg/kg	24100	2510	3330
Lead	7439-92-1	mg/kg	85.4	50.6	95
Magnesium	7439-95-4	mg/kg	2000	740	704
Manganese	7439-96-5	mg/kg	163	86.8	36.8
Mercury	7439-97-6	mg/kg	1.82	11	5.1
Nickel	7440-02-0	mg/kg	16.8	5.12	6.61
Potassium	7440-09-7	mg/kg	867	287	553
Selenium	7782-49-2	mg/kg	7.5	1.08	3.29
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	1850	810	1180
Strontium	7440-24-6	mg/kg	94.5 J	16.8 J	58.7 J
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	0.98
Titanium	7440-32-6	mg/kg	388	< 50 U	< 50 U
Vanadium	7440-62-2	mg/kg	24.6	9.11	< 3.39 U
Zinc	7440-66-6	mg/kg	168	64	342
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U	< 2.5 U
Pesticides					
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U

		Site Name	64	64	64
		Location ID	H-64-SD-001	H-64-SD-002	H-64-SD-003
		Sample Date	6/13/1996	6/13/1996	6/13/1996
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	64SD-1(0-1)	64SD-2(0-1)	64SD-3(0-1)
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
SVOC (continued)					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U	< 0.068 U	0.34
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.17	0.08	0.19
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	0.26	0.13	0.35
TPH					
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U
TRPH	TRPH	mg/kg	149	< 28.3 U	< 28.5 U
VOC					
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U

		Site Name	64	64	64
		Location ID	H-64-SD-001	H-64-SD-002	H-64-SD-003
		Sample Date	6/13/1996	6/13/1996	6/13/1996
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	64SD-1(0-1)	64SD-2(0-1)	64SD-3(0-1)
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
VOC (continued)					
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.01	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U
WetChem					
Ammonia	7664-41-7	mg/kg	1160	473	757
Chloride	16887-00-6	mg/kg	< 6.05 U	16.3	22.7
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	57.1	16.9	23.6
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	< 0.6 U
Phosphate	14265-44-2	mg/kg	1800	350	270
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	105	< 6 U	62.8
Total organic carbon	TOC	mg/kg	206000	64900	97800

Chemical Name	CAS No	Site Name	64	64	64	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-SB-001	H-64-SB-001	H-64-SB-002
		Sample Date	12/14/1995	12/14/1995	12/19/1995	12/19/1995	5/16/1996	5/16/1996	11/13/2000
		Depth Interval	1 - 3	5 - 7	1 - 3	5 - 7	5 - 7	10 - 12	5 - 7
		Sample ID	64MW-1A(1-3)	64MW-1B(5-7)	64MW-2A(1-3)	64MW-2B(5-7)	64SB-1B(5-7)	64SB-1C(10-12)	64SB-2B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 UJ	< 0.488 UJ	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	
Nitrocellulose	9004-70-0	mg/kg	< 10.4 UJ	< 10.4 UJ	< 10.4 UJ	< 10.4 UJ	< 10.4 U	< 10.4 U	
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 UJ	< 0.108 UJ	< 0.108 UJ	< 0.108 U	< 0.108 U	
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	
Metals									
Aluminum	7429-90-5	mg/kg	4570	5570	7490	9010	3430	2800	
Antimony	7440-36-0	mg/kg	0.58	< 0.1 U	0.42	0.46	< 0.1 U	3.59	
Arsenic	7440-38-2	mg/kg	10.1	1.5	12.6	10.7	0.49	1.52	
Barium	7440-39-3	mg/kg	42	63.4	249	406	18.8	75.8	
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	0.93	0.92	< 0.5 U	< 0.5 U	
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	13	12.3	< 5.91 U	< 5.91 U	
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Calcium	7440-70-2	mg/kg	4060	2190	35600	58400	864	1740	
Chromium	7440-47-3	mg/kg	12.8	7.85	12.4	20.2	< 4.05 U	5.54	
Cobalt	7440-48-4	mg/kg	4.74	2.96	4.94	3.97	6.57	26.6	
Copper	7440-50-8	mg/kg	45	5.44	23.7	26.6	24.9	35.1	
Iron	7439-89-6	mg/kg	13300	4270	12500	15400	4230	14400	
Lead	7439-92-1	mg/kg	82	19.8	52.3	124	40.2	90.3	
Magnesium	7439-95-4	mg/kg	3710	880	9830	17200	401	647	
Manganese	7439-96-5	mg/kg	310	70.3	431	739	62.9	1560	
Mercury	7439-97-6	mg/kg	2.8	0.17	0.3	0.6	< 0.05 U	1.02	
Nickel	7440-02-0	mg/kg	10.9	4.9	11.5	15	6.02	23.9	
Potassium	7440-09-7	mg/kg	1510	358	561	664	723	766	
Selenium	7782-49-2	mg/kg	< 0.25 U	0.38	< 0.25 U	< 0.25 U	< 0.25 U	0.58	
Silver	7440-22-4	mg/kg	< 0.589 UJ	< 0.589 UJ	< 0.589 UJ	< 0.589 UJ	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	237	214	502	547	424	425	
Strontium	7440-24-6	mg/kg	19.8	29	220	200	6.9	7.19	
Thallium	7440-28-0	mg/kg	< 0.1 U	0.34	0.35	0.19	< 0.1 U	< 0.1 U	
Titanium	7440-32-6	mg/kg	400	242	1010	943	< 50 U	< 50 U	
Vanadium	7440-62-2	mg/kg	13.4	8.84	14.4	15.6	6.86	7.97	
Zinc	7440-66-6	mg/kg	79.4	40.6	68	105	24.9	127	
Zirconium	7440-67-7	mg/kg	5.56	15.7	21.1	17.3	8.03	23.2	

Chemical Name	CAS No	Site Name	64	64	64	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-SB-001	H-64-SB-001	H-64-SB-002
		Sample Date	12/14/1995	12/14/1995	12/19/1995	12/19/1995	5/16/1996	5/16/1996	11/13/2000
		Depth Interval	1 - 3	5 - 7	1 - 3	5 - 7	5 - 7	10 - 12	5 - 7
		Sample ID	64MW-1A(1-3)	64MW-1B(5-7)	64MW-2A(1-3)	64MW-2B(5-7)	64SB-1B(5-7)	64SB-1C(10-12)	64SB-2B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight							
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.39 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.39 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.05	< 0.39 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	0.04 J
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	0.05 J
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.1 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.39 U

Chemical Name	CAS No	Site Name	64	64	64	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-SB-001	H-64-SB-001	H-64-SB-002
		Sample Date	12/14/1995	12/14/1995	12/19/1995	12/19/1995	5/16/1996	5/16/1996	11/13/2000
		Depth Interval	1 - 3	5 - 7	1 - 3	5 - 7	5 - 7	10 - 12	5 - 7
		Sample ID	64MW-1A(1-3)	64MW-1B(5-7)	64MW-2A(1-3)	64MW-2B(5-7)	64SB-1B(5-7)	64SB-1C(10-12)	64SB-2B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
SVOC (continued)									
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.066 U	< 0.39 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	0.86	
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	< 0.12 U	0.08 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.39 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	0.11	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	
Fluoranthene	206-44-0	mg/kg	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	< 0.068 U	0.31	0.11 J
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.39 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.39 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.39 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	
Phenanthrene	85-01-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	0.18	< 0.39 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	
Pyrene	129-00-0	mg/kg	0.05	< 0.033 U	< 0.033 U	< 0.033 U	0.05	0.33	0.09 J
TPH									
Diesel Fuel	68334-30-5	mg/kg	26.5	< 8 U	< 8 U	< 8 U	< 8.24 U	< 8.24 U	
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8.3 U	< 8.3 U	
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U	
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight							
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight							
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight							
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
1,1-Dichloroethane	75-34-3	mg/kg-wetweight							
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-MW-001 / 12/14/1995 / 1 - 3 / 64MW-1A(1-3) / SO	64 / H-64-MW-001 / 12/14/1995 / 5 - 7 / 64MW-1B(5-7) / SO	64 / H-64-MW-002 / 12/19/1995 / 1 - 3 / 64MW-2A(1-3) / SO	64 / H-64-MW-002 / 12/19/1995 / 5 - 7 / 64MW-2B(5-7) / SO	64 / H-64-SB-001 / 5/16/1996 / 5 - 7 / 64SB-1B(5-7) / SO	64 / H-64-SB-001 / 5/16/1996 / 10 - 12 / 64SB-1C(10-12) / SO	64 / H-64-SB-002 / 11/13/2000 / 5 - 7 / 64SB-2B(5-7) / SO
VOC (continued)									
1,1-Dichloroethene	75-35-4	mg/kg-wetweight							
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
1,2-Dichloroethane	107-06-2	mg/kg-wetweight							
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
1,2-Dichloropropane	78-87-5	mg/kg-wetweight							
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	
2-Butanone	78-93-3	mg/kg-wetweight							
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
2-Hexanone	591-78-6	mg/kg-wetweight							
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight							
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	
Acetone	67-64-1	mg/kg-wetweight							
Acetonitrile	75-05-8	mg/kg-wetweight							
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Benzene	71-43-2	mg/kg-wetweight							
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Bromodichloromethane	75-27-4	mg/kg-wetweight							
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
Bromoform	75-25-2	mg/kg-wetweight							
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	
Bromomethane	74-83-9	mg/kg-wetweight							
Carbon disulfide	75-15-0	mg/kg-wetweight							
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg-wetweight							
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	
Chlorobenzene	108-90-7	mg/kg-wetweight							
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Chloroethane	75-00-3	mg/kg-wetweight							
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	
Chloroform	67-66-3	mg/kg-wetweight							
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	
Chloromethane	74-87-3	mg/kg-wetweight							
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight							
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight							
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	
Dibromochloromethane	124-48-1	mg/kg-wetweight							
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight							
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	

Chemical Name	CAS No	Site Name	64	64	64	64	64	64	64
		Location ID	H-64-MW-001	H-64-MW-001	H-64-MW-002	H-64-MW-002	H-64-SB-001	H-64-SB-001	H-64-SB-002
		Sample Date	12/14/1995	12/14/1995	12/19/1995	12/19/1995	5/16/1996	5/16/1996	11/13/2000
		Depth Interval	1 - 3	5 - 7	1 - 3	5 - 7	5 - 7	10 - 12	5 - 7
		Sample ID	64MW-1A(1-3)	64MW-1B(5-7)	64MW-2A(1-3)	64MW-2B(5-7)	64SB-1B(5-7)	64SB-1C(10-12)	64SB-2B(5-7)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
VOC (continued)		Unit							
Ethyl benzene	100-41-4	mg/kg-wetweight							
Ethylene Oxide	75-21-8	mg/kg							
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Methylene chloride	75-09-2	mg/kg-wetweight							
Styrene	100-42-5	mg/kg-wetweight							
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg	< 1 U	< 1 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	
Tetrachloroethene	127-18-4	mg/kg-wetweight							
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	
Toluene	108-88-3	mg/kg-wetweight							
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight							
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight							
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichloroethene	79-01-6	mg/kg-wetweight							
Trichlorofluoromethane	75-69-4	mg/kg	0.01	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	
Trichlorofluoromethane	75-69-4	mg/kg-wetweight							
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Vinyl chloride	75-01-4	mg/kg-wetweight							
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Xylenes	1330-20-7	mg/kg-wetweight							
WetChem									
% Solids	%Solid	%							84.3
Ammonia	7664-41-7	mg/kg	46.6	114	20.6	23.6	23.9	27.7	
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	8.13	14.2	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	1.81	2.7	< 0.92 U	< 0.92 U	
Fluoride	16984-48-8	mg/kg	5.05	16.3	< 3.62 U	< 3.62 U	< 3.62 U	< 3.62 U	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	< 0.6 U	0.97	< 0.6 U	< 0.6 U	
Phosphate	14265-44-2	mg/kg	< 7.49 U	< 7.49 U	230	< 7.49 U	62	210	
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	186	133	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	1700	1800	< 6 U	< 6 U	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SB-A2 / 11/7/2001 / 5 - 7 / 64SB-A2(5-7) / SO	64 / H-64-SB-B10 / 11/7/2001 / 5 - 7 / 64SB-B10(5-7) / SO	64 / H-64-SB-D10 / 11/7/2001 / 5 - 7 / 64SB-D10(5-7) / SO	64 / H-64-SB-D10 / 11/7/2001 / 5 - 7 / 64SB-D10DUP(5-7) / SO	64 / H-64-SS-001A / 3/25/1996 / 0 - 1 / 64SS-1A(0-1) / SO	64 / H-64-SS-002A / 12/6/1995 / 0 - 1 / 64SS-2A(0-1) / SO	64 / H-64-SS-003C / 12/6/1995 / 0 - 1 / 64SS-3C(0-1) / SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg						< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg						< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg						0.87	< 0.456 U
HMX	2691-41-0	mg/kg						< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg						< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg						25.3	< 10.4 U
Nitroglycerin	55-63-0	mg/kg						< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg						< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg						< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg						0.26	< 0.108 U
RDX	121-82-4	mg/kg						< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg						< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg						< 0.731 U	< 0.731 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg						< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg						< 0.524 U	< 0.524 U
Metals									
Aluminum	7429-90-5	mg/kg						12700	15900
Antimony	7440-36-0	mg/kg						0.5	2.73
Arsenic	7440-38-2	mg/kg						6.58	23.5
Barium	7440-39-3	mg/kg						357	404
Beryllium	7440-41-7	mg/kg						2.38	3.67
Boron	7440-42-8	mg/kg						7.86	21.3
Cadmium	7440-43-9	mg/kg						3.12	14.7
Calcium	7440-70-2	mg/kg						1420	36900
Chromium	7440-47-3	mg/kg						41.9	24.5
Cobalt	7440-48-4	mg/kg						15.4	9.28
Copper	7440-50-8	mg/kg						224	342
Iron	7439-89-6	mg/kg						25000	39200
Lead	7439-92-1	mg/kg						409	428
Magnesium	7439-95-4	mg/kg						3090	14400
Manganese	7439-96-5	mg/kg						342	3690
Mercury	7439-97-6	mg/kg						5.8	24
Nickel	7440-02-0	mg/kg						21.8	20.2
Potassium	7440-09-7	mg/kg						819	5280
Selenium	7782-49-2	mg/kg						0.4	1.9
Silver	7440-22-4	mg/kg						< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg						397	1060
Strontium	7440-24-6	mg/kg						15.2 J	280 J
Thallium	7440-28-0	mg/kg						0.16	0.32
Titanium	7440-32-6	mg/kg						286	1040
Vanadium	7440-62-2	mg/kg						33	50.9
Zinc	7440-66-6	mg/kg						211	997
Zirconium	7440-67-7	mg/kg						6.23	22.5

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SB-A2 / 11/7/2001 / 5 - 7 / 64SB-A2(5-7) / SO	64 / H-64-SB-B10 / 11/7/2001 / 5 - 7 / 64SB-B10(5-7) / SO	64 / H-64-SB-D10 / 11/7/2001 / 5 - 7 / 64SB-D10(5-7) / SO	64 / H-64-SB-D10 / 11/7/2001 / 5 - 7 / 64SB-D10DUP(5-7) / SO	64 / H-64-SS-001A / 3/25/1996 / 0 - 1 / 64SS-1A(0-1) / SO	64 / H-64-SS-002A / 12/6/1995 / 0 - 1 / 64SS-2A(0-1) / SO	64 / H-64-SS-003C / 12/6/1995 / 0 - 1 / 64SS-3C(0-1) / SO
PCBs									
Aroclor 1016	12674-11-2	mg/kg					< 0.0666 U		
Aroclor 1221	11104-28-2	mg/kg					< 0.082 UT		
Aroclor 1232	11141-16-5	mg/kg					< 0.082 UT		
Aroclor 1242	53469-21-9	mg/kg					< 0.082 UT		
Aroclor 1248	12672-29-6	mg/kg					< 0.082 UT		
Aroclor 1254	11097-69-1	mg/kg					< 0.082 UT		
Aroclor 1260	11096-82-5	mg/kg					< 0.0804 U		
Pesticides									
Mirex	2385-85-5	mg/kg						< 0.25 U	< 0.25 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						< 0.24 U	< 0.24 U
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
1,2,4-Trichlorobenzene	120-82-1	mg/kg						< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg						< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg						< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg						< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg						< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg						< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg						< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg						< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg						< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg						< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg						< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg						< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg						< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg						< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg						< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg						< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg						< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg						< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg						< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg						< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg						< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg						< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg						< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg						< 0.036 U	1
Acenaphthylene	208-96-8	mg/kg						< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg						< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg						< 0.033 U	3
Benz(a)anthracene	56-55-3	mg/kg						< 0.17 U	4
Benzo(a)pyrene	50-32-8	mg/kg						< 0.25 U	5
Benzo(b)fluoranthene	205-99-2	mg/kg						< 0.21 U	6
Benzo(g,h,i)perylene	191-24-2	mg/kg						< 0.25 U	2

Chemical Name	CAS No	Site Name	64	64	64	64	64	64	64
		Location ID	H-64-SB-A2	H-64-SB-B10	H-64-SB-D10	H-64-SB-D10	H-64-SS-001A	H-64-SS-002A	H-64-SS-003C
		Sample Date	11/7/2001	11/7/2001	11/7/2001	11/7/2001	3/25/1996	12/6/1995	12/6/1995
		Depth Interval	5 - 7	5 - 7	5 - 7	5 - 7	0 - 1	0 - 1	0 - 1
		Sample ID	64SB-A2(5-7)	64SB-B10(5-7)	64SB-D10(5-7)	64SB-D10DUP(5-7)	64SS-1A(0-1)	64SS-2A(0-1)	64SS-3C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
		Unit							
SVOC (continued)									
Benzo(k)fluoranthene	207-08-9	mg/kg						< 0.066 U	4
Benzyl alcohol	100-51-6	mg/kg						< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg						< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg						< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg						< 0.14 U	0.8 J
Chrysene	218-01-9	mg/kg						< 0.12 U	7
Dibenz(a,h)anthracene	53-70-3	mg/kg						< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg						< 0.035 U	0.7
Diethylphthalate	84-66-2	mg/kg						< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg						< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg						< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg						< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg						< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg						< 0.068 U	10
Fluorene	86-73-7	mg/kg						< 0.033 U	1
Hexachlorobenzene	118-74-1	mg/kg						< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg						< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg						< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg						< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						< 0.29 U	3
Isophorone	78-59-1	mg/kg						< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg						< 0.037 U	0.4
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg						< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg						< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg						< 0.033 U	10
Phenol	108-95-2	mg/kg						< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg						< 0.033 U	10
TPH									
Diesel Fuel	68334-30-5	mg/kg						159	41
Gasoline range organics	GRO	mg/kg						< 8 U	< 8 U
TPH, aviation gas fraction	50815-00-4	mg/kg						< 8 U	< 8 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg						< 0.44 U	< 0.44 U
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						< 0.82 U	< 0.82 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
1,1,2-Trichloroethane	79-00-5	mg/kg						< 0.54 U	< 0.54 U
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
1,1-Dichloroethane	75-34-3	mg/kg						< 0.23 U	< 0.23 U
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
1,1-Dichloroethene	75-35-4	mg/kg						< 0.39 U	< 0.39 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SB-A2 / 11/7/2001 / 5 - 7 / 64SB-A2(5-7) / SO	64 / H-64-SB-B10 / 11/7/2001 / 5 - 7 / 64SB-B10(5-7) / SO	64 / H-64-SB-D10 / 11/7/2001 / 5 - 7 / 64SB-D10(5-7) / SO	64 / H-64-SB-D10 / 11/7/2001 / 5 - 7 / 64SB-D10DUP(5-7) / SO	64 / H-64-SS-001A / 3/25/1996 / 0 - 1 / 64SS-1A(0-1) / SO	64 / H-64-SS-002A / 12/6/1995 / 0 - 1 / 64SS-2A(0-1) / SO	64 / H-64-SS-003C / 12/6/1995 / 0 - 1 / 64SS-3C(0-1) / SO
VOC (continued)									
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
1,2-Dichloroethane	107-06-2	mg/kg						< 0.17 U	< 0.17 U
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	< 0.52 (U)	< 0.54 (U)	< 0.52 U	< 0.54 U			
1,2-Dichloroethene (total)	540-59-0	mg/kg						< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg						< 0.29 U	< 0.29 U
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
2-Butanone	78-93-3	mg/kg						< 0.07 U	< 0.07 U
2-Butanone	78-93-3	mg/kg-wetweight	< 10 (U)J	< 11 (U)J	< 10 U	< 11 (U)J			
2-Hexanone	591-78-6	mg/kg						< 0.032 U	< 0.032 U
2-Hexanone	591-78-6	mg/kg-wetweight	< 5.2 U	< 5.4 U	< 5.2 U	< 5.4 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						< 0.027 U	< 0.027 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	< 5.2 U	< 5.4 U	< 5.2 U	< 5.4 U			
Acetone	67-64-1	mg/kg						< 0.017 U	< 0.017 U
Acetone	67-64-1	mg/kg-wetweight	< 10 (U)J	< 11 (U)J	< 10 (U)J	< 11 (U)J			
Acetonitrile	75-05-8	mg/kg-wetweight	< 21 R	< 22 R	< 21 R	< 22 R			
Acetonitrile	75-05-8	mg/kg						< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg						< 0.15 U	< 0.15 U
Benzene	71-43-2	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Bromodichloromethane	75-27-4	mg/kg						< 0.29 U	< 0.29 U
Bromodichloromethane	75-27-4	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Bromoform	75-25-2	mg/kg						< 0.69 U	< 0.69 U
Bromoform	75-25-2	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Bromomethane	74-83-9	mg/kg						< 0.57 U	< 0.57 U
Bromomethane	74-83-9	mg/kg-wetweight	< 1 UJ	< 1.1 UJ	< 1 UJ	< 1.1 UJ			
Carbon disulfide	75-15-0	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Carbon disulfide	75-15-0	mg/kg						< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Carbon tetrachloride	56-23-5	mg/kg						< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg						< 0.086 U	< 0.086 U
Chlorobenzene	108-90-7	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Chloroethane	75-00-3	mg/kg						< 0.012 U	< 0.012 U
Chloroethane	75-00-3	mg/kg-wetweight	< 1 UJ	< 1.1 UJ	< 1 UJ	< 1.1 UJ			
Chloroform	67-66-3	mg/kg						< 0.087 U	< 0.087 U
Chloroform	67-66-3	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Chloromethane	74-87-3	mg/kg						< 0.88 U	< 0.88 U
Chloromethane	74-87-3	mg/kg-wetweight	< 1 UJ	< 1.1 UJ	< 1 UJ	< 1.1 UJ			
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg						< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg						< 0.31 U	< 0.31 U
Dibromochloromethane	124-48-1	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Dichlorodifluoromethane	75-71-8	mg/kg						< 0.014 U	< 0.014 U
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	< 1 UJ	< 1.1 UJ	< 1 UJ	< 1.1 UJ			
Ethanol	64-17-5	mg/kg						< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg						< 0.17 U	< 0.17 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 H-64-SB-A2 11/7/2001 5 - 7 64SB-A2(5-7) SO	64 H-64-SB-B10 11/7/2001 5 - 7 64SB-B10(5-7) SO	64 H-64-SB-D10 11/7/2001 5 - 7 64SB-D10(5-7) SO	64 H-64-SB-D10 11/7/2001 5 - 7 64SB-D10DUP(5-7) SO	64 H-64-SS-001A 3/25/1996 0 - 1 64SS-1A(0-1) SO	64 H-64-SS-002A 12/6/1995 0 - 1 64SS-2A(0-1) SO	64 H-64-SS-003C 12/6/1995 0 - 1 64SS-3C(0-1) SO
VOC (continued)									
Ethyl benzene	100-41-4	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Ethylene Oxide	75-21-8	mg/kg						< 0.3 U	< 0.3 U
Isopropanol	67-63-0	mg/kg						< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg						< 0.012 U	< 0.012 U
Methylene chloride	75-09-2	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Styrene	100-42-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Styrene	100-42-5	mg/kg						< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg						< 1 U	< 1 U
Tetrachloroethene	127-18-4	mg/kg						< 0.081 U	< 0.081 U
Tetrachloroethene	127-18-4	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Toluene	108-88-3	mg/kg						< 0.078 U	< 0.078 U
Toluene	108-88-3	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg						< 0.28 U	< 0.28 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Trichloroethene	79-01-6	mg/kg						< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg-wetweight	< 0.52 U	0.66	< 0.52 U	< 0.54 U			
Trichlorofluoromethane	75-69-4	mg/kg						< 0.59 U	< 0.59 U
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
Vinyl acetate	108-05-4	mg/kg						< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg						< 0.62 U	< 0.62 U
Vinyl chloride	75-01-4	mg/kg-wetweight	< 1 U	< 1.1 U	< 1 U	< 1.1 U			
Xylenes	1330-20-7	mg/kg						< 0.15 U	< 0.15 U
Xylenes	1330-20-7	mg/kg-wetweight	< 0.52 U	< 0.54 U	< 0.52 U	< 0.54 U			
WetChem									
% Solids	%Solid	%							
Ammonia	7664-41-7	mg/kg						89.2	63.1
Chloride	16887-00-6	mg/kg						< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg						< 0.92 U	4.29
Fluoride	16984-48-8	mg/kg						< 3.62 U	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg						1.29	1.89
Phosphate	14265-44-2	mg/kg						850	6800
Sulfate	14808-79-8	mg/kg						< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg						< 6 U	800

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SS-004A / 12/6/1995 / 0 - 1 / 64SS-4A(0-1) / SO	64 / H-64-SS-005C / 12/6/1995 / 0 - 1 / 64SS-5C(0-1) / SO	64 / H-64-SS-006C / 12/6/1995 / 0 - 1 / 64SS-6C(0-1) / SO	64 / H-64-SS-007 / 12/5/2000 / 0 - 1 / 64SS-7A(0-1) / SO
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	26.7	< 10.4 U	
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R	
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	
Metals						
Aluminum	7429-90-5	mg/kg	8630	5380	6450	
Antimony	7440-36-0	mg/kg	2.58	0.26	0.38	
Arsenic	7440-38-2	mg/kg	23.3	5.66	23.2	
Barium	7440-39-3	mg/kg	149	43.5	64.6	
Beryllium	7440-41-7	mg/kg	2.61	1.17	2.1	
Boron	7440-42-8	mg/kg	7.8	< 5.91 U	< 5.91 U	
Cadmium	7440-43-9	mg/kg	5.25	< 0.7 U	< 0.7 U	
Calcium	7440-70-2	mg/kg	28000	32500	9650	
Chromium	7440-47-3	mg/kg	21	12.7	11.9	
Cobalt	7440-48-4	mg/kg	11.4	6.45	6.78	
Copper	7440-50-8	mg/kg	114	25	22.4	
Iron	7439-89-6	mg/kg	29900	15700	24600	
Lead	7439-92-1	mg/kg	221	68.8	40.2	
Magnesium	7439-95-4	mg/kg	10600	9980	5790	
Manganese	7439-96-5	mg/kg	591	345	268	
Mercury	7439-97-6	mg/kg	18	0.27	0.36	
Nickel	7440-02-0	mg/kg	20.6	12.1	12.5	
Potassium	7440-09-7	mg/kg	5610	649	2780	
Selenium	7782-49-2	mg/kg	0.33	< 0.25 U	< 0.25 U	
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	521	427	543	
Strontium	7440-24-6	mg/kg	72 J	92 J	36 J	
Thallium	7440-28-0	mg/kg	0.13	< 0.1 U	< 0.1 U	
Titanium	7440-32-6	mg/kg	735	279	470	
Vanadium	7440-62-2	mg/kg	23.1	17.8	23.1	
Zinc	7440-66-6	mg/kg	250	120	70.9	
Zirconium	7440-67-7	mg/kg	7.2	4.08	6.82	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SS-004A / 12/6/1995 / 0 - 1 / 64SS-4A(0-1) / SO	64 / H-64-SS-005C / 12/6/1995 / 0 - 1 / 64SS-5C(0-1) / SO	64 / H-64-SS-006C / 12/6/1995 / 0 - 1 / 64SS-6C(0-1) / SO	64 / H-64-SS-007 / 12/5/2000 / 0 - 1 / 64SS-7A(0-1) / SO
PCBs						
Aroclor 1016	12674-11-2	mg/kg				
Aroclor 1221	11104-28-2	mg/kg				
Aroclor 1232	11141-16-5	mg/kg				
Aroclor 1242	53469-21-9	mg/kg				
Aroclor 1248	12672-29-6	mg/kg				
Aroclor 1254	11097-69-1	mg/kg				
Aroclor 1260	11096-82-5	mg/kg				
Pesticides						
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight				
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.43 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.43 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.43 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	0.26 J
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	0.35 J
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	0.63
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	0.18 J

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SS-004A / 12/6/1995 / 0 - 1 / 64SS-4A(0-1) / SO	64 / H-64-SS-005C / 12/6/1995 / 0 - 1 / 64SS-5C(0-1) / SO	64 / H-64-SS-006C / 12/6/1995 / 0 - 1 / 64SS-6C(0-1) / SO	64 / H-64-SS-007 / 12/5/2000 / 0 - 1 / 64SS-7A(0-1) / SO
SVOC (continued)						
Benzo(k)fluoranthene	207-08-9	mg/kg	0.2	0.09	< 0.066 U	0.3 J
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	
Chrysene	218-01-9	mg/kg	< 0.12 U	0.16	< 0.12 U	0.51
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	0.07 J
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	0.28	< 0.061 U	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	
Fluoranthene	206-44-0	mg/kg	0.4	0.33	< 0.068 U	0.38 J
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.43 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	0.22 J
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.43 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	
Phenanthrene	85-01-8	mg/kg	0.2	0.11	< 0.033 U	< 0.43 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	
Pyrene	129-00-0	mg/kg	0.4	0.26	< 0.033 U	0.47
TPH						
Diesel Fuel	68334-30-5	mg/kg	20.5	< 8 U	< 8 U	
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U	< 8 U	
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight				
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight				
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	
1,1-Dichloroethane	75-34-3	mg/kg-wetweight				
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SS-004A / 12/6/1995 / 0 - 1 / 64SS-4A(0-1) / SO	64 / H-64-SS-005C / 12/6/1995 / 0 - 1 / 64SS-5C(0-1) / SO	64 / H-64-SS-006C / 12/6/1995 / 0 - 1 / 64SS-6C(0-1) / SO	64 / H-64-SS-007 / 12/5/2000 / 0 - 1 / 64SS-7A(0-1) / SO
VOC (continued)						
1,1-Dichloroethene	75-35-4	mg/kg-wetweight				
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	
1,2-Dichloroethane	107-06-2	mg/kg-wetweight				
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	
1,2-Dichloropropane	78-87-5	mg/kg-wetweight				
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	
2-Butanone	78-93-3	mg/kg-wetweight				
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	
2-Hexanone	591-78-6	mg/kg-wetweight				
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight				
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	
Acetone	67-64-1	mg/kg-wetweight				
Acetonitrile	75-05-8	mg/kg-wetweight				
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	
Benzene	71-43-2	mg/kg-wetweight				
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	
Bromodichloromethane	75-27-4	mg/kg-wetweight				
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	
Bromoform	75-25-2	mg/kg-wetweight				
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	
Bromomethane	74-83-9	mg/kg-wetweight				
Carbon disulfide	75-15-0	mg/kg-wetweight				
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg-wetweight				
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	
Chlorobenzene	108-90-7	mg/kg-wetweight				
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	
Chloroethane	75-00-3	mg/kg-wetweight				
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	
Chloroform	67-66-3	mg/kg-wetweight				
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	
Chloromethane	74-87-3	mg/kg-wetweight				
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight				
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight				
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	
Dibromochloromethane	124-48-1	mg/kg-wetweight				
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight				
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	

		Site Name	64	64	64	64
		Location ID	H-64-SS-004A	H-64-SS-005C	H-64-SS-006C	H-64-SS-007
		Sample Date	12/6/1995	12/6/1995	12/6/1995	12/5/2000
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	64SS-4A(0-1)	64SS-5C(0-1)	64SS-6C(0-1)	64SS-7A(0-1)
		Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**				
VOC (continued)						
Ethyl benzene	100-41-4	mg/kg-wetweight				
Ethylene Oxide	75-21-8	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	
Methylene chloride	75-09-2	mg/kg-wetweight				
Styrene	100-42-5	mg/kg-wetweight				
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg	< 1 U	< 1 U	< 1 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	
Tetrachloroethene	127-18-4	mg/kg-wetweight				
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	
Toluene	108-88-3	mg/kg-wetweight				
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight				
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight				
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	
Trichloroethene	79-01-6	mg/kg-wetweight				
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U	< 0.59 U	
Trichlorofluoromethane	75-69-4	mg/kg-wetweight				
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	
Vinyl chloride	75-01-4	mg/kg-wetweight				
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	
Xylenes	1330-20-7	mg/kg-wetweight				
WetChem						
% Solids	%Solid	%				77.5
Ammonia	7664-41-7	mg/kg	21	47	42.8	
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U	< 3.62 U	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	1.26	0.98	2.04	
Phosphate	14265-44-2	mg/kg	8300	630	3700	
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg	30.2	< 6 U	< 6 U	

Historic Analytical Results for Surface Water Samples at PICA 091/Site 64

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SW-001 / 6/13/1996 / 64SW-1(19960613) / WS / ug/L	64 / H-64-SW-002 / 6/13/1996 / 64SW-2(19960613) / WS / ug/L	64 / H-64-SW-003 / 6/18/1996 / 64SW-3(19960618) / WS / ug/L
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U	< 1.56 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U	< 0.0738 U
Metals					
Aluminum	7429-90-5	ug/L	2710	10400	763
Antimony	7440-36-0	ug/L	< 1 U	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	5.87	20.3	1.99
Barium	7440-39-3	ug/L	76.6	259	84
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U	< 5 U
Boron	7440-42-8	ug/L	79.1	90.7	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U	5.15	< 3.01 U
Calcium	7440-70-2	ug/L	50900	48300	39000
Chromium	7440-47-3	ug/L	< 6.96 U	10.7	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U	58	< 50 U
Copper	7440-50-8	ug/L	26.5	86.3	24
Iron	7439-89-6	ug/L	15700	39800	6220
Lead	7439-92-1	ug/L	40.6	127	21.3
Magnesium	7439-95-4	ug/L	13100	12400	7540
Manganese	7439-96-5	ug/L	237	2440	212
Mercury	7439-97-6	ug/L	0.66	4.62	2.37
Nickel	7440-02-0	ug/L	< 7.11 U	22.7	< 7.11 U
Potassium	7440-09-7	ug/L	1930	3440	4290
Selenium	7782-49-2	ug/L	< 2 U	3.13	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	5170	12300	8970
Strontium	7440-24-6	ug/L	250	230	169
Thallium	7440-28-0	ug/L	< 1 U	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	57	56	26.2
Vanadium	7440-62-2	ug/L	5.71	34.2	4.94
Zinc	7440-66-6	ug/L	177	391	229
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U	< 1 U
Pesticides					
Mirex	2385-85-5	ug/L	< 0.025 R	< 0.025 R	< 0.025 U
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U	< 1.7 U	< 1.7 U

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	64 / H-64-SW-001 / 6/13/1996 / 64SW-1(19960613) / WS / ug/L	64 / H-64-SW-002 / 6/13/1996 / 64SW-2(19960613) / WS / ug/L	64 / H-64-SW-003 / 6/18/1996 / 64SW-3(19960618) / WS / ug/L
SVOC (continued)					
2-Methylphenol	95-48-7	ug/L	< 3.9 U	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U	< 4.9 U	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U	< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U	< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U	< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U	9.1	1000
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U	< 2 U	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U	< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U	< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U	< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U	< 0.042 U	< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U	< 2.8 U	< 2.8 U
TPH					
Diesel Range Organics	DRO	ug/L	< 340 U	< 350 U	< 810 U
Gasoline range organics	GRO	ug/L	< 340 U	< 350 U	< 810 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 330 U	< 340 U	< 780 U
TRPH	TRPH	ug/L	< 182 U	< 195 U	< 180 U

		Site Name	64	64	64
		Location ID	H-64-SW-001	H-64-SW-002	H-64-SW-003
		Sample Date	6/13/1996	6/13/1996	6/18/1996
		Depth Interval			
		Sample ID	64SW-1(19960613)	64SW-2(19960613)	64SW-3(19960618)
		Sample Matrix	WS	WS	WS
Chemical Name	**CAS No**	**Unit**			
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U	< 2.3 U	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U	0.67	3
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U	< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U	< 0.84 U
WetChem					
Ammonia	7664-41-7	ug/L	675	3700	465
Chloride	16887-00-6	ug/L	2960	19800	14300
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	< 10 U	< 10 U	< 10 U
Phosphate	14265-44-2	ug/L	1200	4600	448
Sulfate	14808-79-8	ug/L	< 10000 U	< 10000 U	< 10000 U
Sulfide	18496-25-8	ug/L	560	680	< 50 U
Total organic carbon	TOC	ug/L	15100	31000	

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004D	L-6-MW-004D
			Sample Date	3/2/1999	2/14/2002	10/17/2003	11/5/2003	7/20/1999	2/20/2002
			Depth Interval	25 - 35	25 - 35	25 - 35	25 - 35	52 - 62	52 - 62
			Sample ID	6MW-4(19990302)	6MW-4(20020214)	6MW-4(20031017)	6MW-4(20031105)	6MW-4D(19990720)	6MW-4D(20020220)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dissolved Gas									
Ethane	74-84-0	ug/L	(1)				< 0.5 U		
Ethene	74-85-1	ug/L	(1)				< 0.5 U		
Hydrogen	1333-74-0	nM	(1)			1.5			
Methane	74-82-8	ug/L	(1)				< 0.5 U		
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U				< 0.2 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U				< 0.2 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U				< 0.2 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U				< 0.2 U	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U				< 0.2 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U				< 0.2 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U				< 0.2 U	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U				< 0.2 U	
HMX	2691-41-0	ug/L	(1)	< 1 U				< 0.5 U	
Nitrobenzene	98-95-3	ug/L	(1)	< 10 U				< 10 U	
Nitrobenzene	98-95-3	ug/L	(2)	< 1 U				< 0.2 U	
RDX	121-82-4	ug/L	(1)	< 0.8 U				< 0.5 U	
Tetryl	479-45-8	ug/L	(1)	< 1 U				< 0.2 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U				< 10 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U				< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U				< 0.2 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U				< 10 U	
Metals									
Aluminum	7429-90-5	ug/L	(1)	189.99 J				10899.99	
Antimony	7440-36-0	ug/L	(1)	< 60 U				< 60 U	
Arsenic	7440-38-2	ug/L	(1)	3.19 J				< 10 U	
Barium	7440-39-3	ug/L	(1)	9.99 J				259.99	
Beryllium	7440-41-7	ug/L	(1)	< 5 U				< 5 U	
Cadmium	7440-43-9	ug/L	(1)	< 5 U				< 5 U	
Calcium	7440-70-2	ug/L	(1)	19799.99				46200	
Chromium	7440-47-3	ug/L	(1)	< 10 U				56	
Cobalt	7440-48-4	ug/L	(1)	< 50 U				< 50 U	
Copper	7440-50-8	ug/L	(1)	< 25 U				10.99 J	
Iron	7439-89-6	ug/L	(1)	< 100 R			160	7900	
Lead	7439-92-1	ug/L	(1)	< 3 U				10.99	< 3 U
Magnesium	7439-95-4	ug/L	(1)	4000 J				6199.99	
Manganese	7439-96-5	ug/L	(1)	32				200	
Mercury	7439-97-6	ug/L	(1)	< 0.2 U				< 0.2 U	
Nickel	7440-02-0	ug/L	(1)	< 40 U				41.99	
Potassium	7440-09-7	ug/L	(1)	1100 J				9199.99	
Selenium	7782-49-2	ug/L	(1)	< 5 R				< 5 U	
Silver	7440-22-4	ug/L	(1)	< 10 U				< 10 U	
Sodium	7440-23-5	ug/L	(1)	12300				29799.99	
Thallium	7440-28-0	ug/L	(1)	< 10 U				< 10 U	

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004D	L-6-MW-004D
			Sample Date	3/2/1999	2/14/2002	10/17/2003	11/5/2003	7/20/1999	2/20/2002
			Depth Interval	25 - 35	25 - 35	25 - 35	25 - 35	52 - 62	52 - 62
			Sample ID	6MW-4(19990302)	6MW-4(20020214)	6MW-4(20031017)	6MW-4(20031105)	6MW-4D(19990720)	6MW-4D(20020220)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Vanadium	7440-62-2	ug/L	(1)	< 50 U				< 50 U	
Zinc	7440-66-6	ug/L	(1)	< 20 U				52	
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U				< 10 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U				< 10 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U				< 10 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U				< 10 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U				< 10 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U				< 10 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U				< 10 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U				< 10 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 UJ				< 50 U	
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U				< 10 U	
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U				< 10 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U				< 10 U	
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U				< 10 U	
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U				< 50 U	
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U				< 10 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U				< 50 U	
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U				< 50 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 UJ				< 50 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U				< 10 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U				< 10 U	
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U				< 10 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U				< 10 U	
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#				< 10 U#	
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U				< 50 U	
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U				< 50 U	
Acenaphthene	83-32-9	ug/L	(1)	< 10 U				< 10 U	
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U				< 10 U	
Aniline	62-53-3	ug/L	(1)	< 10 U				< 10 U	
Anthracene	120-12-7	ug/L	(1)	< 10 U				< 10 U	
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U				< 10 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U				< 10 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U				< 10 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U				< 10 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U				< 10 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U				< 10 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U				< 10 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U				< 10 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	7.4 J				< 10 (U)	
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U				< 10 U	
Carbazole	86-74-8	ug/L	(1)	< 10 U				< 10 U	
Chrysene	218-01-9	ug/L	(1)	< 10 U				< 10 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U				< 10 U	

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004D	L-6-MW-004D
			Sample Date	3/2/1999	2/14/2002	10/17/2003	11/5/2003	7/20/1999	2/20/2002
			Depth Interval	25 - 35	25 - 35	25 - 35	25 - 35	52 - 62	52 - 62
			Sample ID	6MW-4(19990302)	6MW-4(20020214)	6MW-4(20031017)	6MW-4(20031105)	6MW-4D(19990720)	6MW-4D(20020220)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U				< 10 U	
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U				< 10 U	
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U				< 10 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U				< 10 U	
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U				< 10 U	
Diphenylamine	122-39-4	ug/L	(1)	< 10 U				< 10 U	
Fluoranthene	206-44-0	ug/L	(1)	< 10 U				< 10 U	
Fluorene	86-73-7	ug/L	(1)	< 10 U				< 10 U	
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U				< 10 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U				< 10 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 UJ				< 50 U	
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U				< 10 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U				< 10 U	
Isophorone	78-59-1	ug/L	(1)	< 10 U				< 10 U	
Naphthalene	91-20-3	ug/L	(1)	< 10 U				< 10 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U				< 10 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U				< 10 U	
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U				< 10 U	
Phenanthrene	85-01-8	ug/L	(1)	< 10 U				< 10 U	
Phenol	108-95-2	ug/L	(1)	< 10 U				< 10 U	
Pyrene	129-00-0	ug/L	(1)	< 10 U				< 10 U	
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 (U)	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 R	< 10 U		< 10 U	< 10 R	< 10 UJ
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U		< 10 U	< 10 U	< 10 UJ
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U		< 5 U	< 10 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 R	< 10 U		< 10 (U)	< 10 R	< 10 UJ
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R		< 20 R	< 20 R	< 20 R
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	0.29 J		< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 UJ	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 (U)	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 (U)		< 1 U	< 1 (U)	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004	L-6-MW-004D	L-6-MW-004D
			Sample Date	3/2/1999	2/14/2002	10/17/2003	11/5/2003	7/20/1999	2/20/2002
			Depth Interval	25 - 35	25 - 35	25 - 35	25 - 35	52 - 62	52 - 62
			Sample ID	6MW-4(19990302)	6MW-4(20020214)	6MW-4(20031017)	6MW-4(20031105)	6MW-4D(19990720)	6MW-4D(20020220)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U		< 2 U	0.15 J	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 (U)	< 1 U		< 1 U	< 1 (U)	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R				< 50 R
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Tetrahydrofuran	109-99-9	ug/L	(1)	< 5 R				< 5 U	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	14	9.2		8.1	10	10
Trichlorofluoromethane	75-69-4	ug/L	(1)	0.46 J	< 2 U		< 2 U	0.15 J	0.36 J
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U		< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U		< 1 U	< 1 U	< 1 U
WetChem									
Ammonia	7664-41-7	ug/L	(1)	< 200 (U)			30 J	< 200 (U)	
Chloride	16887-00-6	ug/L	(1)	19799.99			30600	20700	
Cyanide	57-12-5	ug/L	(1)	< 10 U				< 10 U	
Dissolved Organic Carbon	DOC	ug/L	(1)				< 1000 R		
Fluoride	16984-48-8	ug/L	(1)	< 1000 U				469.99 J	
Nitrate	14797-55-8	ug/L	(1)	230			< 500 U	289.99 J	
Nitrite	14797-65-0	ug/L	(1)	< 500 U			< 500 U	< 500 U	
Phosphorus	7723-14-0	ug/L	(1)	< 100 (U)				< 100 (U)	
Sulfate	14808-79-8	ug/L	(1)	19000			17600	23600	
Sulfide	18496-25-8	ug/L	(1)	< 500 (U)			< 500 U	< 500 (U)	

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004D	L-6-MW-004D	L-6-MW-005	L-6-MW-005	L-DM6-1	L-DM6-1
			Sample Date	10/17/2003	11/5/2003	5/20/2002	5/20/2002	3/3/1999	2/14/2002
			Depth Interval	52 - 62	52 - 62	9.5 - 19.5	9.5 - 19.5	68 - 78	68 - 78
			Sample ID	6MW-4D(20031017)	6MW-4D(20031105)	6MW-5(20020520)	6MW-5DUP(20020520)	DM6-1(19990303)	DM6-1(20020214)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dissolved Gas									
Ethane	74-84-0	ug/L	(1)		< 0.5 U				
Ethene	74-85-1	ug/L	(1)		< 0.5 U				
Hydrogen	1333-74-0	nM	(1)	0.79					
Methane	74-82-8	ug/L	(1)		< 0.5 U				
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)			< 0.2 U	< 0.2 U	< 0.3 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)			< 0.2 U	< 0.2 U	< 0.1 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)			< 0.2 U	< 0.2 U	< 0.1 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)			< 0.2 U	< 0.2 U	< 0.1 U	
2-Nitrotoluene	88-72-2	ug/L	(1)			< 0.2 U	< 0.2 (U)	< 1 U	
3-Nitrotoluene	99-08-1	ug/L	(1)			< 0.2 U	< 0.24 U	< 1 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)			< 0.2 U	< 0.2 U	< 0.1 U	
4-Nitrotoluene	99-99-0	ug/L	(1)			< 0.2 U	< 0.2 R	< 1 U	
HMX	2691-41-0	ug/L	(1)			< 0.5 U	< 0.5 U	< 1 U	
Nitrobenzene	98-95-3	ug/L	(1)			< 0.2 U	< 0.2 U	< 10 U	
Nitrobenzene	98-95-3	ug/L	(2)					< 1 U	
RDX	121-82-4	ug/L	(1)			< 0.5 U	< 0.5 U	< 0.8 U	
Tetryl	479-45-8	ug/L	(1)			< 0.2 U	< 0.2 U	< 1 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)			< 0.2 U	< 0.2 (U)	< 0.1 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)					< 10 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(1)			< 0.2 U	< 0.2 R	< 0.3 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)					< 10 U	
Metals									
Aluminum	7429-90-5	ug/L	(1)					85 J	
Antimony	7440-36-0	ug/L	(1)					< 60 U	
Arsenic	7440-38-2	ug/L	(1)					< 10 U	
Barium	7440-39-3	ug/L	(1)					6.39 J	
Beryllium	7440-41-7	ug/L	(1)					< 5 U	
Cadmium	7440-43-9	ug/L	(1)					< 5 U	
Calcium	7440-70-2	ug/L	(1)					11500	
Chromium	7440-47-3	ug/L	(1)					9.99	
Cobalt	7440-48-4	ug/L	(1)					< 50 U	
Copper	7440-50-8	ug/L	(1)					< 25 U	
Iron	7439-89-6	ug/L	(1)		430			< 100 R	
Lead	7439-92-1	ug/L	(1)					< 3 U	
Magnesium	7439-95-4	ug/L	(1)					2700 J	
Manganese	7439-96-5	ug/L	(1)					6.5 J	
Mercury	7439-97-6	ug/L	(1)					< 0.2 U	
Nickel	7440-02-0	ug/L	(1)					< 40 U	
Potassium	7440-09-7	ug/L	(1)					589.99 J	
Selenium	7782-49-2	ug/L	(1)					< 5 U	
Silver	7440-22-4	ug/L	(1)					< 10 U	
Sodium	7440-23-5	ug/L	(1)					12300	
Thallium	7440-28-0	ug/L	(1)					< 10 U	

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004D	L-6-MW-004D	L-6-MW-005	L-6-MW-005	L-DM6-1	L-DM6-1
			Sample Date	10/17/2003	11/5/2003	5/20/2002	5/20/2002	3/3/1999	2/14/2002
			Depth Interval	52 - 62	52 - 62	9.5 - 19.5	9.5 - 19.5	68 - 78	68 - 78
			Sample ID	6MW-4D(20031017)	6MW-4D(20031105)	6MW-5(20020520)	6MW-5DUP(20020520)	DM6-1(19990303)	DM6-1(20020214)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Vanadium	7440-62-2	ug/L	(1)					< 50 U	
Zinc	7440-66-6	ug/L	(1)					< 20 U	
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)					< 10 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)					< 10 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)					< 10 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)					< 10 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)					< 10 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)					< 10 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)					< 10 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)					< 10 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)					< 50 UJ	
2-Chloronaphthalene	91-58-7	ug/L	(1)					< 10 U	
2-Chlorophenol	95-57-8	ug/L	(1)					< 10 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)					< 10 U	
2-Methylphenol	95-48-7	ug/L	(1)					< 10 U	
2-Nitroaniline	88-74-4	ug/L	(1)					< 50 U	
2-Nitrophenol	88-75-5	ug/L	(1)					< 10 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)					< 50 U	
3-Nitroaniline	99-09-2	ug/L	(1)					< 50 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)					< 50 UJ	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)					< 10 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)					< 10 U	
4-Chloroaniline	106-47-8	ug/L	(1)					< 10 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)					< 10 U	
4-Methylphenol	106-44-5	ug/L	(1)					< 10 U#	
4-Nitroaniline	100-01-6	ug/L	(1)					< 50 U	
4-Nitrophenol	100-02-7	ug/L	(1)					< 50 U	
Acenaphthene	83-32-9	ug/L	(1)					< 10 U	
Acenaphthylene	208-96-8	ug/L	(1)					< 10 U	
Aniline	62-53-3	ug/L	(1)					< 10 U	
Anthracene	120-12-7	ug/L	(1)					< 10 U	
Benz(a)anthracene	56-55-3	ug/L	(1)					< 10 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)					< 10 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)					< 10 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)					< 10 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)					< 10 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)					< 10 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)					< 10 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)					< 10 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)					< 10 U	
Butylbenzyl phthalate	85-68-7	ug/L	(1)					< 10 U	
Carbazole	86-74-8	ug/L	(1)					< 10 U	
Chrysene	218-01-9	ug/L	(1)					< 10 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)					< 10 U	

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004D	L-6-MW-004D	L-6-MW-005	L-6-MW-005	L-DM6-1	L-DM6-1
			Sample Date	10/17/2003	11/5/2003	5/20/2002	5/20/2002	3/3/1999	2/14/2002
			Depth Interval	52 - 62	52 - 62	9.5 - 19.5	9.5 - 19.5	68 - 78	68 - 78
			Sample ID	6MW-4D(20031017)	6MW-4D(20031105)	6MW-5(20020520)	6MW-5DUP(20020520)	DM6-1(19990303)	DM6-1(20020214)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dibenzofuran	132-64-9	ug/L	(1)					< 10 U	
Diethylphthalate	84-66-2	ug/L	(1)					< 10 U	
Dimethylphthalate	131-11-3	ug/L	(1)					< 10 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)					< 10 U	
di-n-Octylphthalate	117-84-0	ug/L	(1)					< 10 U	
Diphenylamine	122-39-4	ug/L	(1)					< 10 U	
Fluoranthene	206-44-0	ug/L	(1)					< 10 U	
Fluorene	86-73-7	ug/L	(1)					< 10 U	
Hexachlorobenzene	118-74-1	ug/L	(1)					< 10 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)					< 10 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)					< 50 UJ	
Hexachloroethane	67-72-1	ug/L	(1)					< 10 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)					< 10 U	
Isophorone	78-59-1	ug/L	(1)					< 10 U	
Naphthalene	91-20-3	ug/L	(1)					< 10 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)					< 10 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)					< 10 U	
Pentachlorophenol	87-86-5	ug/L	(1)					< 10 U	
Phenanthrene	85-01-8	ug/L	(1)					< 10 U	
Phenol	108-95-2	ug/L	(1)					< 10 U	
Pyrene	129-00-0	ug/L	(1)					< 10 U	
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)		< 10 U	< 10 UJ	< 10 UJ	< 10 R	< 10 U
2-Hexanone	591-78-6	ug/L	(1)		< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)		< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)		< 10 (U)	< 10 (U)J	< 10 (U)J	< 10 R	< 10 U
Acetonitrile	75-05-8	ug/L	(1)		< 20 R	< 20 R	< 20 R	< 20 R	< 20 R
Benzene	71-43-2	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Carbon disulfide	75-15-0	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)		0.36 J	< 1 (U)	< 1 (U)	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

			Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004D	L-6-MW-004D	L-6-MW-005	L-6-MW-005	L-DM6-1	L-DM6-1
			Sample Date	10/17/2003	11/5/2003	5/20/2002	5/20/2002	3/3/1999	2/14/2002
			Depth Interval	52 - 62	52 - 62	9.5 - 19.5	9.5 - 19.5	68 - 78	68 - 78
			Sample ID	6MW-4D(20031017)	6MW-4D(20031105)	6MW-5(20020520)	6MW-5DUP(20020520)	DM6-1(19990303)	DM6-1(20020214)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dibromochloromethane	124-48-1	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)		< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)			< 50 R	< 50 R		< 50 R
Tetrachloroethene	127-18-4	ug/L	(1)		< 1 U	< 1 U	< 1 U	0.15 J	0.37 J
Tetrahydrofuran	109-99-9	ug/L	(1)					< 5 R	
Toluene	108-88-3	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)		< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)		17	< 1 U	< 1 U	2	0.23 J
Trichlorofluoromethane	75-69-4	ug/L	(1)		0.46 J	< 2 UJ	< 2 UJ	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)		< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)		< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
WetChem									
Ammonia	7664-41-7	ug/L	(1)		30 J			< 200 (U)	
Chloride	16887-00-6	ug/L	(1)		18900			9699.99	
Cyanide	57-12-5	ug/L	(1)					< 10 U	
Dissolved Organic Carbon	DOC	ug/L	(1)		< 1000 R				
Fluoride	16984-48-8	ug/L	(1)					79.99 J	
Nitrate	14797-55-8	ug/L	(1)		280 J			250 J	
Nitrite	14797-65-0	ug/L	(1)		< 500 U			< 500 U	
Phosphorus	7723-14-0	ug/L	(1)					< 100 U	
Sulfate	14808-79-8	ug/L	(1)		17600			13300	
Sulfide	18496-25-8	ug/L	(1)		< 500 U			< 500 (U)	

			Site Name	6	6	6	6	6	6
			Location ID	L-DM6-2	L-DM6-2	L-DM6-2	L-DM6-3	L-DM6-3	L-DM6-3
			Sample Date	3/3/1999	2/19/2002	11/18/2003	3/3/1999	3/3/1999	11/18/2003
			Depth Interval	20 - 30	20 - 30	20 - 30	12 - 22	12 - 22	12 - 22
			Sample ID	DM6-2(19990303)	DM6-2(20020219)	DM6-2(20031118)	DM6-3(19990303)	DM6-3DUP(19990303)	DM6-3(20031118)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dissolved Gas									
Ethane	74-84-0	ug/L	(1)						
Ethene	74-85-1	ug/L	(1)						
Hydrogen	1333-74-0	nM	(1)						
Methane	74-82-8	ug/L	(1)						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U			< 0.3 U	< 0.3 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U			< 0.1 U	< 0.1 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U			< 0.1 U	< 0.1 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U			< 0.1 U	< 0.1 U	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U			< 1 U	< 1 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U			< 1 U	< 1 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U			< 0.1 U	< 0.1 U	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U			< 1 U	< 1 U	
HMX	2691-41-0	ug/L	(1)	< 1 U			< 1 U	< 1 U	
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U			< 1 U	< 1 U	
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U			< 10 U	< 10 U	
RDX	121-82-4	ug/L	(1)	< 0.8 U			< 0.8 U	< 0.8 U	
Tetryl	479-45-8	ug/L	(1)	< 1 U			< 1 U	< 1 U	
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 0.1 U			< 0.1 U	< 0.1 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 10 U			< 10 U	< 0.3 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.3 U			< 0.3 U	< 10 U	
Metals									
Aluminum	7429-90-5	ug/L	(1)	239.99			119.99 J	100 J	
Antimony	7440-36-0	ug/L	(1)	< 60 U			< 60 U	< 60 U	
Arsenic	7440-38-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Barium	7440-39-3	ug/L	(1)	14 J			10.99 J	13 J	
Beryllium	7440-41-7	ug/L	(1)	< 5 U			< 5 U	< 5 U	
Cadmium	7440-43-9	ug/L	(1)	< 5 U			< 5 U	< 5 U	
Calcium	7440-70-2	ug/L	(1)	56799.99			19299.99 J	12899.99 J	
Chromium	7440-47-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Cobalt	7440-48-4	ug/L	(1)	< 50 U			< 50 U	< 50 U	
Copper	7440-50-8	ug/L	(1)	< 25 U			< 25 U	< 25 U	
Iron	7439-89-6	ug/L	(1)	319.99			< 100 R	< 100 R	
Lead	7439-92-1	ug/L	(1)	2.6 J			< 3 U	< 3 U	
Magnesium	7439-95-4	ug/L	(1)	5699.99			3400 J	3099.99 J	
Manganese	7439-96-5	ug/L	(1)	4.99 J			< 15 U	< 15 U	
Mercury	7439-97-6	ug/L	(1)	< 0.2 U			< 0.2 U	< 0.2 U	
Nickel	7440-02-0	ug/L	(1)	< 40 U			< 40 U	< 40 U	
Potassium	7440-09-7	ug/L	(1)	1000 J			589.99 J	550 J	
Selenium	7782-49-2	ug/L	(1)	< 5 U			< 5 U	< 5 U	
Silver	7440-22-4	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Sodium	7440-23-5	ug/L	(1)	14300			10699.99	12600	
Thallium	7440-28-0	ug/L	(1)	< 10 U			< 10 U	< 10 U	

			Site Name	6	6	6	6	6	6
			Location ID	L-DM6-2	L-DM6-2	L-DM6-2	L-DM6-3	L-DM6-3	L-DM6-3
			Sample Date	3/3/1999	2/19/2002	11/18/2003	3/3/1999	3/3/1999	11/18/2003
			Depth Interval	20 - 30	20 - 30	20 - 30	12 - 22	12 - 22	12 - 22
			Sample ID	DM6-2(19990303)	DM6-2(20020219)	DM6-2(20031118)	DM6-3(19990303)	DM6-3DUP(19990303)	DM6-3(20031118)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Vanadium	7440-62-2	ug/L	(1)	< 50 U			< 50 U	< 50 U	
Zinc	7440-66-6	ug/L	(1)	< 20 R			< 20 R	< 20 U	
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 UJ			< 50 UJ	< 50 UJ	
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U			< 50 U	< 50 U	
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U			< 10 U	< 10 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U			< 50 U	< 50 U	
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U			< 50 U	< 50 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 UJ			< 50 UJ	< 50 UJ	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U			< 10 U	< 10 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#			< 10 U#	< 10 U#	
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U			< 50 U	< 50 U	
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U			< 50 U	< 50 U	
Acenaphthene	83-32-9	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Aniline	62-53-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Anthracene	120-12-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U			< 10 U	< 10 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U			< 10 U	< 10 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U			< 10 U	< 10 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Carbazole	86-74-8	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Chrysene	218-01-9	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	

			Site Name	6	6	6	6	6	6
			Location ID	L-DM6-2	L-DM6-2	L-DM6-2	L-DM6-3	L-DM6-3	L-DM6-3
			Sample Date	3/3/1999	2/19/2002	11/18/2003	3/3/1999	3/3/1999	11/18/2003
			Depth Interval	20 - 30	20 - 30	20 - 30	12 - 22	12 - 22	12 - 22
			Sample ID	DM6-2(19990303)	DM6-2(20020219)	DM6-2(20031118)	DM6-3(19990303)	DM6-3DUP(19990303)	DM6-3(20031118)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Diphenylamine	122-39-4	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Fluoranthene	206-44-0	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Fluorene	86-73-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 UJ			< 50 UJ	< 50 UJ	
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Isophorone	78-59-1	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Naphthalene	91-20-3	ug/L	(1)	< 10 U			< 10 U	< 10 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U			< 10 U	< 10 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Phenanthrene	85-01-8	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Phenol	108-95-2	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Pyrene	129-00-0	ug/L	(1)	< 10 U			< 10 U	< 10 U	
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 R	< 10 U	< 10 U	< 10 R	< 10 R	< 10 U
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 R	< 10 U	< 10 UJ	< 10 R	< 10 R	< 10 UJ
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R	< 20 R	< 20 R	< 20 R	< 20 R
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 U	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	0.36 J	< 1 (U)	< 1 U	< 1 U	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U

			Site Name	6	6	6	6	6	6
			Location ID	L-DM6-2	L-DM6-2	L-DM6-2	L-DM6-3	L-DM6-3	L-DM6-3
			Sample Date	3/3/1999	2/19/2002	11/18/2003	3/3/1999	3/3/1999	11/18/2003
			Depth Interval	20 - 30	20 - 30	20 - 30	12 - 22	12 - 22	12 - 22
			Sample ID	DM6-2(19990303)	DM6-2(20020219)	DM6-2(20031118)	DM6-3(19990303)	DM6-3DUP(19990303)	DM6-3(20031118)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 UJ	< 2 U	< 2 U	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 (U)	< 1 U	< 1 U	< 1 (U)	< 1 (U)	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)		< 50 R				
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Tetrahydrofuran	109-99-9	ug/L	(1)	< 5 R			< 5 R	< 5 R	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	2.4	6.2	0.86 J	< 1 U	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
WetChem									
Ammonia	7664-41-7	ug/L	(1)	< 200 (U)			< 200 U	< 200 (U)	
Chloride	16887-00-6	ug/L	(1)	37000			11500	11800	
Cyanide	57-12-5	ug/L	(1)	< 10 U			< 10 U	< 10 U	
Dissolved Organic Carbon	DOC	ug/L	(1)						
Fluoride	16984-48-8	ug/L	(1)	109.99 J			79.99 J	70 J	
Nitrate	14797-55-8	ug/L	(1)	209.99 J			140 J	140 J	
Nitrite	14797-65-0	ug/L	(1)	< 500 U			< 500 U	< 500 U	
Phosphorus	7723-14-0	ug/L	(1)	< 100 (U)			< 100 U	< 100 U	
Sulfate	14808-79-8	ug/L	(1)	20799.99			15600	15600	
Sulfide	18496-25-8	ug/L	(1)	< 500 (U)			< 500 (U)J	18000 J	

			Site Name	6	6
			Location ID	L-MW-5	L-MW-5
			Sample Date	3/3/1999	11/18/2003
			Depth Interval	10.6 - 20.6	10.6 - 20.6
			Sample ID	MW-5(19990303)	MW-5(20031118)
			Sample Matrix	WG	WG
Chemical Name	CAS No	Unit	ValueNo		
Dissolved Gas					
Ethane	74-84-0	ug/L	(1)		
Ethene	74-85-1	ug/L	(1)		
Hydrogen	1333-74-0	nM	(1)		
Methane	74-82-8	ug/L	(1)		
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.3 U	
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.1 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.1 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)	< 0.1 U	
2-Nitrotoluene	88-72-2	ug/L	(1)	< 1 U	
3-Nitrotoluene	99-08-1	ug/L	(1)	< 1 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)	< 0.1 U	
4-Nitrotoluene	99-99-0	ug/L	(1)	< 1 U	
HMX	2691-41-0	ug/L	(1)	< 1 U	
Nitrobenzene	98-95-3	ug/L	(1)	< 1 U	
Nitrobenzene	98-95-3	ug/L	(2)	< 10 U	
RDX	121-82-4	ug/L	(1)	< 0.8 U	
Tetryl	479-45-8	ug/L	(1)	< 1 U	
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.1 U	
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 10 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.3 U	
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 10 U	
Metals					
Aluminum	7429-90-5	ug/L	(1)	1100	
Antimony	7440-36-0	ug/L	(1)	< 60 U	
Arsenic	7440-38-2	ug/L	(1)	< 10 U	
Barium	7440-39-3	ug/L	(1)	19.99 J	
Beryllium	7440-41-7	ug/L	(1)	< 5 U	
Cadmium	7440-43-9	ug/L	(1)	< 5 U	
Calcium	7440-70-2	ug/L	(1)	11600	
Chromium	7440-47-3	ug/L	(1)	17.99	
Cobalt	7440-48-4	ug/L	(1)	< 50 U	
Copper	7440-50-8	ug/L	(1)	4.39 J	
Iron	7439-89-6	ug/L	(1)	1100	
Lead	7439-92-1	ug/L	(1)	6.09	
Magnesium	7439-95-4	ug/L	(1)	3500 J	
Manganese	7439-96-5	ug/L	(1)	34	
Mercury	7439-97-6	ug/L	(1)	< 0.2 U	
Nickel	7440-02-0	ug/L	(1)	< 40 U	
Potassium	7440-09-7	ug/L	(1)	3500 J	
Selenium	7782-49-2	ug/L	(1)	< 5 U	
Silver	7440-22-4	ug/L	(1)	< 10 U	
Sodium	7440-23-5	ug/L	(1)	6400	
Thallium	7440-28-0	ug/L	(1)	< 10 U	

			Site Name	6	6
			Location ID	L-MW-5	L-MW-5
			Sample Date	3/3/1999	11/18/2003
			Depth Interval	10.6 - 20.6	10.6 - 20.6
			Sample ID	MW-5(19990303)	MW-5(20031118)
			Sample Matrix	WG	WG
Chemical Name	CAS No	Unit	ValueNo		
Vanadium	7440-62-2	ug/L	(1)	< 50 U	
Zinc	7440-66-6	ug/L	(1)	< 20 R	
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1 U	< 1 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 10 U	
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 10 U	
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 10 U	
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 10 U	
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 10 U	
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 10 U	
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 10 U	
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 10 U	
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 50 UJ	
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 10 U	
2-Chlorophenol	95-57-8	ug/L	(1)	< 10 U	
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 10 U	
2-Methylphenol	95-48-7	ug/L	(1)	< 10 U	
2-Nitroaniline	88-74-4	ug/L	(1)	< 50 U	
2-Nitrophenol	88-75-5	ug/L	(1)	< 10 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 50 U	
3-Nitroaniline	99-09-2	ug/L	(1)	< 50 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 50 UJ	
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 10 U	
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 10 U	
4-Chloroaniline	106-47-8	ug/L	(1)	< 10 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 10 U	
4-Methylphenol	106-44-5	ug/L	(1)	< 10 U#	
4-Nitroaniline	100-01-6	ug/L	(1)	< 50 U	
4-Nitrophenol	100-02-7	ug/L	(1)	< 50 U	
Acenaphthene	83-32-9	ug/L	(1)	< 10 U	
Acenaphthylene	208-96-8	ug/L	(1)	< 10 U	
Aniline	62-53-3	ug/L	(1)	< 10 U	
Anthracene	120-12-7	ug/L	(1)	< 10 U	
Benz(a)anthracene	56-55-3	ug/L	(1)	< 10 U	
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 10 U	
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 10 U	
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 10 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 10 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 10 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	3.29 J	
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 10 U	
Carbazole	86-74-8	ug/L	(1)	< 10 U	
Chrysene	218-01-9	ug/L	(1)	< 10 U	
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 10 U	

			Site Name	6	6
			Location ID	L-MW-5	L-MW-5
			Sample Date	3/3/1999	11/18/2003
			Depth Interval	10.6 - 20.6	10.6 - 20.6
			Sample ID	MW-5(19990303)	MW-5(20031118)
			Sample Matrix	WG	WG
Chemical Name	CAS No	Unit	ValueNo		
Dibenzofuran	132-64-9	ug/L	(1)	< 10 U	
Diethylphthalate	84-66-2	ug/L	(1)	< 10 U	
Dimethylphthalate	131-11-3	ug/L	(1)	< 10 U	
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 10 U	
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 10 U	
Diphenylamine	122-39-4	ug/L	(1)	< 10 U	
Fluoranthene	206-44-0	ug/L	(1)	< 10 U	
Fluorene	86-73-7	ug/L	(1)	< 10 U	
Hexachlorobenzene	118-74-1	ug/L	(1)	< 10 U	
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 10 U	
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 50 UJ	
Hexachloroethane	67-72-1	ug/L	(1)	< 10 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 10 U	
Isophorone	78-59-1	ug/L	(1)	< 10 U	
Naphthalene	91-20-3	ug/L	(1)	< 10 U	
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 10 U	
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 10 U	
Pentachlorophenol	87-86-5	ug/L	(1)	< 10 U	
Phenanthrene	85-01-8	ug/L	(1)	< 10 U	
Phenol	108-95-2	ug/L	(1)	< 10 U	
Pyrene	129-00-0	ug/L	(1)	< 10 U	
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 1 U	< 1 U
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U
2-Butanone	78-93-3	ug/L	(1)	< 10 R	< 10 U
2-Hexanone	591-78-6	ug/L	(1)	< 10 U	< 10 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 5 U	< 5 U
Acetone	67-64-1	ug/L	(1)	< 10 R	< 10 UJ
Acetonitrile	75-05-8	ug/L	(1)	< 20 R	< 20 R
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 1 U	< 1 U
Bromomethane	74-83-9	ug/L	(1)	< 2 U	< 2 UJ
Carbon disulfide	75-15-0	ug/L	(1)	< 1 U	< 1 U
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 2 U	< 2 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 2 U	< 2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)	< 0.5 U	< 0.5 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 1 U	< 1 U

			Site Name	6	6
			Location ID	L-MW-5	L-MW-5
			Sample Date	3/3/1999	11/18/2003
			Depth Interval	10.6 - 20.6	10.6 - 20.6
			Sample ID	MW-5(19990303)	MW-5(20031118)
			Sample Matrix	WG	WG
Chemical Name	CAS No	Unit	ValueNo		
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 2 U	< 2 U
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U
Methylene chloride	75-09-2	ug/L	(1)	< 1 (U)	< 1 U
Styrene	100-42-5	ug/L	(1)	< 1 U	< 1 U
tert-Butylalcohol	75-65-0	ug/L	(1)		
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U
Tetrahydrofuran	109-99-9	ug/L	(1)	< 5 R	
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 1 U	< 1 U
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 2 U	< 2 U
Vinyl chloride	75-01-4	ug/L	(1)	< 2 U	< 2 U
Xylenes	1330-20-7	ug/L	(1)	< 1 U	< 1 U
WetChem					
Ammonia	7664-41-7	ug/L	(1)	< 200 (U)	
Chloride	16887-00-6	ug/L	(1)	6500	
Cyanide	57-12-5	ug/L	(1)	< 10 U	
Dissolved Organic Carbon	DOC	ug/L	(1)		
Fluoride	16984-48-8	ug/L	(1)	100 J	
Nitrate	14797-55-8	ug/L	(1)	200 J	
Nitrite	14797-65-0	ug/L	(1)	< 500 U	
Phosphorus	7723-14-0	ug/L	(1)	< 200 (U)D	
Sulfate	14808-79-8	ug/L	(1)	13899.99	
Sulfide	18496-25-8	ug/L	(1)	< 500 (U)	

Historic Analytical Results for Soil Samples at PICA 162/Site 6

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	6 / L-6-MW-004D / 6/16/1999 / 1 - 3 / 6MW-4DA(1-3) / SO	6 / L-6-MW-004D / 6/16/1999 / 3 - 5 / 6MW-4DB(3-5) / SO	6 / L-6-MW-005 / 6/22/1999 / 4 - 6 / 6MW-5A(4-6) / SO	6 / L-6-SB-B9 / 11/7/2001 / 5 - 7 / 6SB-B9(5-7) / SO	6 / L-6-SB-E7 / 11/7/2001 / 5 - 7 / 6SB-E7(5-7) / SO	6 / L-6-SB-F13 / 11/7/2001 / 5 - 7 / 6SB-F13(5-7) / SO
Alcohol									
Ethylene glycol	107-21-1	mg/kg	(1)			< 0.011 U			
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
2-Nitrotoluene	88-72-2	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
3-Nitrotoluene	99-08-1	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
4-Nitrotoluene	99-99-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
HMX	2691-41-0	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.25 U	< 0.368 U	< 0.25 U			
Nitrobenzene	98-95-3	mg/kg	(2)	< 1.392 UD	< 0.25 U	< 0.36 U			
RDX	121-82-4	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Tetryl	479-45-8	mg/kg	(1)	< 0.25 U	< 0.25 U	< 0.25 U			
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)	< 0.25 U	< 0.25 U	< 0.25 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)	< 0.25 U	< 0.25 U	< 0.25 U			
Metals									
Aluminum	7429-90-5	mg/kg	(1)	12205.56	11259.75	7160			
Antimony	7440-36-0	mg/kg	(1)	< 1.071 U	< 1.115 U	< 1.1 UJ			
Arsenic	7440-38-2	mg/kg	(1)	4.28	4.12	3.1			
Barium	7440-39-3	mg/kg	(1)	217.34	69.34	36.4			
Beryllium	7440-41-7	mg/kg	(1)	0.85	0.74	0.56			
Cadmium	7440-43-9	mg/kg	(1)	< 0.214 U	0.24	< 0.22 U			
Calcium	7440-70-2	mg/kg	(1)	9486.08	956.52	1540			
Chromium	7440-47-3	mg/kg	(1)	10.38	12.93	9.9 J			
Cobalt	7440-48-4	mg/kg	(1)	10.81	12.93	8.6 J			
Copper	7440-50-8	mg/kg	(1)	25.48	26.53	14.6			
Iron	7439-89-6	mg/kg	(1)	19807.28 J	18171.68 J	14100 J			
Lead	7439-92-1	mg/kg	(1)	22.05	90.18	5.3 J			
Magnesium	7439-95-4	mg/kg	(1)	5160.59	2051.28	2060			
Manganese	7439-96-5	mg/kg	(1)	1498.92	1583.05	469			
Mercury	7439-97-6	mg/kg	(1)	0.03 J	0.02 J	0.02 J			
Nickel	7440-02-0	mg/kg	(1)	20.44	21.07	11.9			
Potassium	7440-09-7	mg/kg	(1)	763.38	771.46	600 J			
Selenium	7782-49-2	mg/kg	(1)	< 0.535 U	< 0.557 U	< 0.55 U			
Silver	7440-22-4	mg/kg	(1)	< 0.535 U	< 0.557 U	< 0.55 U			
Sodium	7440-23-5	mg/kg	(1)	468.95 J	428.09 J	118 J			
Thallium	7440-28-0	mg/kg	(1)	1.02 J	1.04 J	< 1.1 U			
Vanadium	7440-62-2	mg/kg	(1)	21.09	20.51	17.2 J			
Zinc	7440-66-6	mg/kg	(1)	46.35	62.2	24			
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix	6 / L-6-MW-004D / 6/16/1999 / 1 - 3 / 6MW-4DA(1-3) / SO	6 / L-6-MW-004D / 6/16/1999 / 3 - 5 / 6MW-4DB(3-5) / SO	6 / L-6-MW-005 / 6/22/1999 / 4 - 6 / 6MW-5A(4-6) / SO	6 / L-6-SB-B9 / 11/7/2001 / 5 - 7 / 6SB-B9(5-7) / SO	6 / L-6-SB-E7 / 11/7/2001 / 5 - 7 / 6SB-E7(5-7) / SO	6 / L-6-SB-F13 / 11/7/2001 / 5 - 7 / 6SB-F13(5-7) / SO
SVOC (continued)									
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2-Chlorophenol	95-57-8	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2-Methylnaphthalene	91-57-6	mg/kg	(1)	0.44 JD	< 0.368 U	< 0.36 U			
2-Methylphenol	95-48-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
2-Nitroaniline	88-74-4	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
2-Nitrophenol	88-75-5	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
3-Nitroaniline	99-09-2	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
4-Chloroaniline	106-47-8	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
4-Methylphenol	106-44-5	mg/kg	(1)	< 1.392 UD#	< 0.368 U#	< 0.36 U#			
4-Nitroaniline	100-01-6	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
4-Nitrophenol	100-02-7	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 U			
Acenaphthene	83-32-9	mg/kg	(1)	0.25 JD	< 0.368 U	< 0.36 U			
Acenaphthylene	208-96-8	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Aniline	62-53-3	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Anthracene	120-12-7	mg/kg	(1)	0.42 JD	< 0.368 U	< 0.36 U			
Benz(a)anthracene	56-55-3	mg/kg	(1)	2.46 D	0.15 J	< 0.36 U			
Benzo(a)pyrene	50-32-8	mg/kg	(1)	2.35 D	0.14 J	< 0.36 U			
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	2.56 D	0.15 J	< 0.36 U			
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	1.17 JD	0.1 J	< 0.36 U			
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.89 JD	0.06 J	< 0.36 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Carbazole	86-74-8	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Chrysene	218-01-9	mg/kg	(1)	3.21 D	0.2 J	< 0.36 U			
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.38 JD	< 0.368 UJ	< 0.36 U			
Dibenzofuran	132-64-9	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Diethylphthalate	84-66-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Dimethylphthalate	131-11-3	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Diphenylamine	122-39-4	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Fluoranthene	206-44-0	mg/kg	(1)	4.81 D	0.26 J	< 0.36 U			
Fluorene	86-73-7	mg/kg	(1)	0.74 JD	< 0.368 U	< 0.36 U			
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 6.852 UD	< 1.784 U	< 1.8 UJ			
Hexachloroethane	67-72-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	1.28 JD	0.09 J	< 0.36 U			
Isophorone	78-59-1	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Naphthalene	91-20-3	mg/kg	(1)	0.18 JD	< 0.368 U	< 0.36 U			

Chemical Name	CAS No	Unit	Site Name	6	6	6	6	6	6
			Location ID	L-6-MW-004D	L-6-MW-004D	L-6-MW-005	L-6-SB-B9	L-6-SB-E7	L-6-SB-F13
			Sample Date	6/16/1999	6/16/1999	6/22/1999	11/7/2001	11/7/2001	11/7/2001
			Depth Interval	1 - 3	3 - 5	4 - 6	5 - 7	5 - 7	5 - 7
			Sample ID	6MW-4DA(1-3)	6MW-4DB(3-5)	6MW-5A(4-6)	6SB-B9(5-7)	6SB-E7(5-7)	6SB-F13(5-7)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
SVOC (continued)									
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Pentachlorophenol	87-86-5	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 UJ			
Phenanthrene	85-01-8	mg/kg	(1)	5.35 D	0.17 J	< 0.36 U			
Phenol	108-95-2	mg/kg	(1)	< 1.392 UD	< 0.368 U	< 0.36 U			
Pyrene	129-00-0	mg/kg	(1)	7.81 D	0.44	< 0.36 U			
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,1,1-Trichloroethane	71-55-6	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,1,2-Trichloroethane	79-00-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,1-Dichloroethane	75-34-3	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,1-Dichloroethene	75-35-4	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,2-Dichloroethane	107-06-2	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 (U)	< 0.57 U
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
1,2-Dichloropropane	78-87-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
2-Butanone	78-93-3	mg/kg	(1)	< 10.707 (U)	< 11.148 (U)	< 12 (U)			
2-Butanone	78-93-3	mg/kg-wetweight	(1)				< 10 (U)J	< 10 (U)J	< 11 U
2-Hexanone	591-78-6	mg/kg	(1)	< 5.567 U	< 5.797 U	< 5.9 U			
2-Hexanone	591-78-6	mg/kg-wetweight	(1)				< 5.2 U	< 5.2 U	< 5.7 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 5.567 U	< 5.797 U	< 5.9 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg-wetweight	(1)				< 5.2 U	< 5.2 U	< 5.7 U
Acetone	67-64-1	mg/kg	(1)	< 10.707 U	< 11.148 U	< 12 (U)			
Acetone	67-64-1	mg/kg-wetweight	(1)				< 10 (U)J	< 10 (U)J	< 11 (U)J
Acetonitrile	75-05-8	mg/kg	(1)	< 22.484 R	< 23.411 R	< 24 R			
Acetonitrile	75-05-8	mg/kg-wetweight	(1)				< 21 R	< 21 R	< 23 R
Benzene	71-43-2	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Benzene	71-43-2	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Bromodichloromethane	75-27-4	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Bromodichloromethane	75-27-4	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Bromoform	75-25-2	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Bromoform	75-25-2	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Bromomethane	74-83-9	mg/kg	(1)	< 1.071 R	< 1.115 R	< 1.2 R			
Bromomethane	74-83-9	mg/kg-wetweight	(1)				< 1 UJ	< 1 UJ	< 1.1 UJ
Carbon disulfide	75-15-0	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Carbon disulfide	75-15-0	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Carbon tetrachloride	56-23-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Chlorobenzene	108-90-7	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Chlorobenzene	108-90-7	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Chloroethane	75-00-3	mg/kg	(1)	< 1.071 R	< 1.115 R	< 1.2 U			
Chloroethane	75-00-3	mg/kg-wetweight	(1)				< 1 UJ	< 1 UJ	< 1.1 UJ
Chloroform	67-66-3	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Chloroform	67-66-3	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Chloromethane	74-87-3	mg/kg	(1)	< 1.071 U	< 1.115 U	< 1.2 U			
Chloromethane	74-87-3	mg/kg-wetweight	(1)				< 1 UJ	< 1 UJ	< 1.1 UJ
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	6 / L-6-MW-004D / 6/16/1999 / 1 - 3 / 6MW-4DA(1-3) / SO	6 / L-6-MW-004D / 6/16/1999 / 3 - 5 / 6MW-4DB(3-5) / SO	6 / L-6-MW-005 / 6/22/1999 / 4 - 6 / 6MW-5A(4-6) / SO	6 / L-6-SB-B9 / 11/7/2001 / 5 - 7 / 6SB-B9(5-7) / SO	6 / L-6-SB-E7 / 11/7/2001 / 5 - 7 / 6SB-E7(5-7) / SO	6 / L-6-SB-F13 / 11/7/2001 / 5 - 7 / 6SB-F13(5-7) / SO
VOC (continued)									
cis-1,2-Dichloroethene	156-59-2	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Dibromochloromethane	124-48-1	mg/kg	(1)	< 0.6 U	< 0.647 U	< 0.59 U			
Dibromochloromethane	124-48-1	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 1.071 U	< 1.115 U	< 1.2 U			
Dichlorodifluoromethane	75-71-8	mg/kg-wetweight	(1)				< 1 UJ	< 1 UJ	< 1.1 UJ
Ethyl benzene	100-41-4	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Ethyl benzene	100-41-4	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Methylene chloride	75-09-2	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Methylene chloride	75-09-2	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Styrene	100-42-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Styrene	100-42-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Tetrachloroethene	127-18-4	mg/kg-wetweight	(1)				0.58	< 0.52 U	< 0.57 U
Tetrachloroethene	127-18-4	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Tetrahydrofuran	109-99-9	mg/kg	(1)	< 2.677 U	< 2.787 U	< 2.8 U			
Toluene	108-88-3	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Toluene	108-88-3	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
trans-1,2-Dichloroethene	156-60-5	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Trichloroethene	79-01-6	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
Trichloroethene	79-01-6	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 0.557 UJ	< 0.58 UJ	< 0.59 U			
Trichlorofluoromethane	75-69-4	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Vinyl chloride	75-01-4	mg/kg	(1)	< 1.071 U	< 1.115 U	< 1.2 U			
Vinyl chloride	75-01-4	mg/kg-wetweight	(1)				< 1 U	< 1 U	< 1.1 U
Xylenes	1330-20-7	mg/kg-wetweight	(1)				< 0.52 U	< 0.52 U	< 0.57 U
Xylenes	1330-20-7	mg/kg	(1)	< 0.557 U	< 0.58 U	< 0.59 U			
WetChem									
Ammonia	7664-41-7	mg/kg	(1)	< 2 (U)	< 2 (U)	< 1.814 (U)			
Chloride	16887-00-6	mg/kg	(1)	180.94	132.66	20.5			
Cyanide	57-12-5	mg/kg	(1)	< 0.535 U	< 0.557 U	< 0.55 U			
Fluoride	16984-48-8	mg/kg	(1)	3.21 J	3.34 J	2.3 J			
Nitrate	14797-55-8	mg/kg	(1)	5.35 J	< 5.574 U	< 4.535 U			
Nitrite	14797-65-0	mg/kg	(1)	< 5.353 U	< 5.574 U	< 4.535 U			
Phosphorus	7723-14-0	mg/kg	(1)	310.49 D	211.81 D	230 D			
Sulfate	14808-79-8	mg/kg	(1)	31.58	45.15	8.9 J			
Sulfide	18496-25-8	mg/kg	(1)	< 53.533 U	13.37 J	< 55 U			

Historic Analytical Results for Groundwater Samples at PICA 134/Site 70

		Site Name	70	70	70
		Location ID	I-70-MW-001	I-70-MW-001	I-70-MW-002
		Sample Date	10/30/1996	6/12/2002	10/30/1996
		Depth Interval	19.51 - 29.51	19.51 - 29.51	36.57 - 46.57
		Sample ID	70MW-1(19961030)	70MW-1(20020612)	70MW-2(19961030)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
Explosives					
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U		< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U		< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U		< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U		< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U		< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U		< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U		< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U		< 30.9 U
PETN	78-11-5	ug/L	< 20 U		< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U		< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U		< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U		< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U		< 1.56 U
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U		< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U		< 0.0738 U
Metals					
Aluminum	7429-90-5	ug/L	35.1		154
Antimony	7440-36-0	ug/L	< 1 U		< 1 U
Arsenic	7440-38-2	ug/L	< 1 U		< 1 U
Barium	7440-39-3	ug/L	11.6		5.5
Beryllium	7440-41-7	ug/L	< 5 U		< 5 U
Boron	7440-42-8	ug/L	58.3		< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U		< 3.01 U
Calcium	7440-70-2	ug/L	26100		19600
Chromium	7440-47-3	ug/L	< 6.96 U		< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U		< 50 U
Copper	7440-50-8	ug/L	< 5 U		< 5 U
Iron	7439-89-6	ug/L	56.3		199
Lead	7439-92-1	ug/L	< 1 U	< 3 U	1.93
Magnesium	7439-95-4	ug/L	5190		5090
Manganese	7439-96-5	ug/L	5.23		22.2
Mercury	7439-97-6	ug/L	< 0.243 U		< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U		< 7.11 U
Potassium	7440-09-7	ug/L	2910		1650
Selenium	7782-49-2	ug/L	< 2 U		5.47
Silver	7440-22-4	ug/L	< 4.42 U		< 4.42 U
Sodium	7440-23-5	ug/L	41600		44900
Strontium	7440-24-6	ug/L	78		153
Thallium	7440-28-0	ug/L	< 1 U		< 1 U
Titanium	7440-32-6	ug/L	< 2 U		9.3
Vanadium	7440-62-2	ug/L	< 4.69 U		< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U		< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U		< 1 U
Pesticides					
Mirex	2385-85-5	ug/L	< 0.025 U		< 0.025 U
Radiological					
Americium-241	86954-36-1	pCi/L	2.35		3.58
Cesium-137	10045-97-3	pCi/L	< 0.937 U		< 1.04 U
Cobalt-60	10198-40-0	pCi/L	< 1.12 U		< 1.09 U
Gross alpha	12587-46-1	pCi/L	< 0.85 U		1.09
Gross beta	12587-47-2	pCi/L	5.97		4.53
Radium-226	13982-63-3	pCi/L	< 4.35 U		< 4.15 U
Total Uranium	7440-61-1 U	ug/L	< 0.111 U		< 0.111 U
Uranium-235	15117-96-1	pCi/L	< 0.021 U		< 0.0203 U
Uranium-238	7440-61-1 U-238	pCi/L	0.02		< 0.0203 U
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U		< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U		< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U		< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U		< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U		< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U		< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U		< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U		< 2.9 U

		Site Name	70	70	70
		Location ID	I-70-MW-001	I-70-MW-001	I-70-MW-002
		Sample Date	10/30/1996	6/12/2002	10/30/1996
		Depth Interval	19.51 - 29.51	19.51 - 29.51	36.57 - 46.57
		Sample ID	70MW-1(19961030)	70MW-1(20020612)	70MW-2(19961030)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U		< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U		< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U		< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U		< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U		< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U		< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U		< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U		< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U		< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U		< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U		< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U		< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U		< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U		< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U		< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#		< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U		< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U		< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U		< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U		< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U		< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U		< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U		< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U		< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U		< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U		< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U		< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U		< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U		< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U		< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U		< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U		< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U		< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U		< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U		< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U		< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U		< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U		< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U		< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U		< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U		< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U		< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U		< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U		< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U		< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U		< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U		< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U		< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U		< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U		< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U		< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U		< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U		< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U		< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U		< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U		< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U		< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U		< 2.8 U
VOC					
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U		< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U		< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U		< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U		< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U		< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U		< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U		< 0.5 U

		Site Name	70	70	70
		Location ID	I-70-MW-001	I-70-MW-001	I-70-MW-002
		Sample Date	10/30/1996	6/12/2002	10/30/1996
		Depth Interval	19.51 - 29.51	19.51 - 29.51	36.57 - 46.57
		Sample ID	70MW-1(19961030)	70MW-1(20020612)	70MW-2(19961030)
		Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit			
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U		< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U		< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U		< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U		< 3 U
Acetone	67-64-1	ug/L	< 13 U		< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U		< 200 U
Benzene	71-43-2	ug/L	< 0.5 U		< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U		< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U		< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U		< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U		< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U		< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U		< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U		< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U		< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U		< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U		< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U		< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U		< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U		< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U		< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U		< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U		< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U		< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U		< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U		< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U		< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U		< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U		< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U		< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U		< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U		< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U		< 0.84 U
WetChem					
Ammonia	7664-41-7	ug/L	< 60 U		< 60 U
Chloride	16887-00-6	ug/L	69000		72000
Cyanide	57-12-5	ug/L	< 2.5 U		< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U		< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	950		1100
Phosphate	14265-44-2	ug/L	29.1		26.6
Sulfate	14808-79-8	ug/L	30000		24000
Sulfide	18496-25-8	ug/L	< 50 U		< 50 U

		Site Name	70	70	70	70	70	70	70
		Location ID	I-70-MW-001	I-70-MW-002	I-70-MW-002	I-70-MW-002	I-70-SS-001A	I-70-SS-002C	I-70-SS-003C
		Sample Date	7/31/1996	7/23/1996	7/23/1996	7/23/1996	5/8/1996	4/25/1996	4/23/1996
		Depth Interval	20 - 22	0 - 2	0 - 2	15 - 17	0 - 1	0 - 1	0 - 1
		Sample ID	70MW-1E(20-22)	70MW-2A(0-2)	70MW-2ADUP(0-2)	70MW-2D(15-17)	70SS-1A(0-1)	70SS-2C(0-1)	70SS-3C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 R	< 0.488 R	< 0.488 R	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U		< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	17.8	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 R	< 1.19 UJ	< 1.19 UJ
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals									
Aluminum	7429-90-5	mg/kg	29500	10700	9490	6790	5820	13200	17500
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.42	0.44	< 0.1 U
Arsenic	7440-38-2	mg/kg	0.45	2.18	0.9	1.35	17.6	6.44	4.38
Barium	7440-39-3	mg/kg	107	39.2	33.2	33.8	38.6	134	135
Beryllium	7440-41-7	mg/kg	4.2	0.86	< 0.5 U	0.68	< 0.5 U	0.78	1.13
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	9.07	< 5.91 U	< 5.91 U	< 5.91 U	8.46
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	1.37	< 0.7 U
Calcium	7440-70-2	mg/kg	6240	1450	1900	2340	3190	1600	3330
Chromium	7440-47-3	mg/kg	15.3	13.8	10.5	25.7	10.7	17	54.1
Cobalt	7440-48-4	mg/kg	37.6	8.65	8.33	8.44	6.18	7.46	18.4
Copper	7440-50-8	mg/kg	8.28	17	17.2	20.8	22.5	31.7	54.4
Iron	7439-89-6	mg/kg	73000	15000	14400	13000	14100	20100	35200
Lead	7439-92-1	mg/kg	5.54	4.23	2.37	2.34	22.1	58.6	34.6
Magnesium	7439-95-4	mg/kg	22400	2870	2990	2590	2380	3130	7020
Manganese	7439-96-5	mg/kg	868	192	163	143	250	277	1030
Mercury	7439-97-6	mg/kg	< 0.05 U	< 0.05 U		< 0.05 U	< 0.05 U	0.21	< 0.05 U
Nickel	7440-02-0	mg/kg	18.4	12.4	10.6	11.8	7.31	11.5	23.4
Potassium	7440-09-7	mg/kg	7630	1050	1030	1210	1210	1270	3890
Selenium	7782-49-2	mg/kg	0.8	0.74	< 0.25 U	0.63	1.62	1.52	0.87
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	707	460	340	496	396	358	542
Strontium	7440-24-6	mg/kg	25.9	8.22	5.62	12.9	30	20.4	13.3
Thallium	7440-28-0	mg/kg	0.38	0.13	< 0.1 U	0.14	0.15	0.23	0.2
Titanium	7440-32-6	mg/kg	728	605	420	802	903	835	1280
Vanadium	7440-62-2	mg/kg	84.9	24	20.4	19.4	14.8	35.5	73.1
Zinc	7440-66-6	mg/kg	67.5	25.8	24.4	23.2	39.2	99.9	75.7
Zirconium	7440-67-7	mg/kg	4.48	3.59	< 2.5 U	< 2.5 U	6.64	3.9	< 2.5 U

		Site Name	70	70	70	70	70	70	70
		Location ID	I-70-MW-001	I-70-MW-002	I-70-MW-002	I-70-MW-002	I-70-SS-001A	I-70-SS-002C	I-70-SS-003C
		Sample Date	7/31/1996	7/23/1996	7/23/1996	7/23/1996	5/8/1996	4/25/1996	4/23/1996
		Depth Interval	20 - 22	0 - 2	0 - 2	15 - 17	0 - 1	0 - 1	0 - 1
		Sample ID	70MW-1E(20-22)	70MW-2A(0-2)	70MW-2ADUP(0-2)	70MW-2D(15-17)	70SS-1A(0-1)	70SS-2C(0-1)	70SS-3C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
PCBs									
Aroclor 1016	12674-11-2	mg/kg							
Aroclor 1221	11104-28-2	mg/kg							
Aroclor 1232	11141-16-5	mg/kg							
Aroclor 1242	53469-21-9	mg/kg							
Aroclor 1248	12672-29-6	mg/kg							
Aroclor 1254	11097-69-1	mg/kg							
Aroclor 1260	11096-82-5	mg/kg							
Pesticides									
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 U	< 0.25 U	< 0.25 U
Radiological									
Americium-241	86954-36-1	pCi/g	< 0.983 U	< 0.408 U	< 0.434 U	< 0.0413 U	0.45	< 0.0993 U	< 0.0697 U
Cesium-137	10045-97-3	pCi/g	< 0.034 U	< 0.033 U	0.06	< 0.0245 U	0.06	0.17	0.11
Cobalt-60	10198-40-0	pCi/g	< 0.0508 U	0.09	< 0.0427 U	0.05	< 0.0342 U	< 0.02 U	< 0.0386 U
Gross alpha	12587-46-1	pCi/g	4.83	1.91	1.45	1.17	0.9	2.28	1.05
Gross beta	12587-47-2	pCi/g	10.6	2.6	2.19	2.62	2.93	2.81	2.67
Radium-226	13982-63-3	pCi/g	1.68	0.54	0.51	0.47	0.49	0.38	0.55
Total Uranium	7440-61-1 U	mg/kg	8.91	1.68	1.92	0.85	1.58	1.63	1.43
Uranium-235	15117-96-1	pCi/g	0.1	0.01	0.01	0.7	0.02	0.03	0.01
Uranium-238	7440-61-1 U-238	pCi/g	1.58	0.39	0.34	0.25	0.51	0.5	0.31
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 UJ	< 0.04 UJ	< 0.04 UJ	< 0.04 U	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 U	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 UJ	< 0.13 UJ	< 0.13 UJ	< 0.13 U	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 UJ	< 0.098 UJ	< 0.098 UJ	< 0.098 U	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 UJ	< 0.1 UJ	< 0.1 UJ	< 0.1 U	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 UJ	< 0.18 UJ	< 0.18 UJ	< 0.18 U	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 UJ	< 0.69 UJ	< 0.69 UJ	< 0.69 U	< 0.69 U	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 UJ	< 1.2 UJ	< 1.2 UJ	< 1.2 U	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 UJ	< 0.036 UJ	< 0.036 UJ	< 0.036 U	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 UJ	< 0.06 UJ	< 0.06 UJ	< 0.06 U	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 UJ	< 0.049 UJ	< 0.049 UJ	< 0.049 U	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 UJ	< 0.029 UJ	< 0.029 UJ	< 0.029 U	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 UJ	< 0.062 UJ	< 0.062 UJ	< 0.062 U	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 UJ	< 0.14 UJ	< 0.14 UJ	< 0.14 U	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 UJ	< 6.3 UJ	< 6.3 UJ	< 6.3 U	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 UJ	< 0.45 UJ	< 0.45 UJ	< 0.45 U	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 UJ	< 0.55 UJ	< 0.55 UJ	< 0.55 U	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 UJ	< 0.095 UJ	< 0.095 UJ	< 0.095 U	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 UJ	< 0.81 UJ	< 0.81 UJ	< 0.81 U	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 UJ#	< 0.24 UJ#	< 0.24 UJ#	< 0.24 U#	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 UJ	< 0.41 UJ	< 0.41 UJ	< 0.41 U	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 UJ	< 1.4 UJ	< 1.4 UJ	< 1.4 U	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 UJ	< 0.036 UJ	< 0.036 UJ	< 0.036 U	< 0.036 U	< 0.036 U

		Site Name	70	70	70	70	70	70	70
		Location ID	I-70-MW-001	I-70-MW-002	I-70-MW-002	I-70-MW-002	I-70-SS-001A	I-70-SS-002C	I-70-SS-003C
		Sample Date	7/31/1996	7/23/1996	7/23/1996	7/23/1996	5/8/1996	4/25/1996	4/23/1996
		Depth Interval	20 - 22	0 - 2	0 - 2	15 - 17	0 - 1	0 - 1	0 - 1
		Sample ID	70MW-1E(20-22)	70MW-2A(0-2)	70MW-2ADUP(0-2)	70MW-2D(15-17)	70SS-1A(0-1)	70SS-2C(0-1)	70SS-3C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC (continued)									
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	0.05	0.05
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 UJ	< 0.65 UJ	< 0.65 UJ	< 0.65 U	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	0.06	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U	0.34	0.27
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 U	0.41	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 U	0.38	0.45
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 UJ	< 0.25 UJ	< 0.25 UJ	< 0.25 U	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	0.09 J	0.11 J	< 0.066 UJ	< 0.066 U	0.36	0.39
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 U	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 UJ	< 0.059 UJ	< 0.059 UJ	< 0.059 U	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 UJ	< 0.62 UJ	< 0.62 UJ	< 0.62 U	< 0.62 U	2.6
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 UJ	< 0.14 UJ	< 0.14 UJ	< 0.14 U	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 UJ	0.18 J	< 0.12 UJ	< 0.12 U	0.66	0.48
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 UJ	< 0.21 UJ	< 0.21 UJ	< 0.21 U	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 UJ	< 0.035 UJ	< 0.035 UJ	< 0.035 U	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 UJ	< 0.24 UJ	< 0.24 UJ	< 0.24 U	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 UJ	< 0.17 UJ	< 0.17 UJ	< 0.17 U	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 UJ	< 0.061 UJ	< 0.061 UJ	< 0.061 U	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 U	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 UJ	< 0.13 UJ	< 0.13 UJ	< 0.13 U	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U	0.1 J	0.24 J	< 0.068 UJ	0.12	0.99	0.48
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	0.06	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 UJ	< 0.23 UJ	< 0.23 UJ	< 0.23 U	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 UJ	< 6.2 UJ	< 6.2 UJ	< 6.2 U	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 UJ	< 0.15 UJ	< 0.15 UJ	< 0.15 U	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 UJ	< 0.29 UJ	< 0.29 UJ	< 0.29 U	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 UJ	< 0.033 UJ	< 0.033 UJ	< 0.033 U	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 UJ	< 0.037 UJ	< 0.037 UJ	< 0.037 U	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 UJ	< 0.19 UJ	< 0.19 UJ	< 0.19 U	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 UJ	< 1.3 UJ	< 1.3 UJ	< 1.3 U	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U	< 0.033 UJ	0.06 J	< 0.033 UJ	0.05	0.85	0.07
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 UJ	< 0.11 UJ	< 0.11 UJ	< 0.11 U	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U	0.13 J	0.23 J	< 0.033 UJ	0.12	1.1	0.43
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U

		Site Name	70	70	70	70	70	70	70
		Location ID	I-70-MW-001	I-70-MW-002	I-70-MW-002	I-70-MW-002	I-70-SS-001A	I-70-SS-002C	I-70-SS-003C
		Sample Date	7/31/1996	7/23/1996	7/23/1996	7/23/1996	5/8/1996	4/25/1996	4/23/1996
		Depth Interval	20 - 22	0 - 2	0 - 2	15 - 17	0 - 1	0 - 1	0 - 1
		Sample ID	70MW-1E(20-22)	70MW-2A(0-2)	70MW-2ADUP(0-2)	70MW-2D(15-17)	70SS-1A(0-1)	70SS-2C(0-1)	70SS-3C(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
VOC (continued)									
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	0.01	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U
WetChem									
% Solids	%Solid	%							
Ammonia	7664-41-7	mg/kg	< 12.5 U	20.8		149	67.4	280	86.9
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U		7.61	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U		< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	6.45	10.8		< 3.62 U	< 3.62 U	6.5	20.8
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 UJ	< 0.6 U		< 0.6 U	2.81	3.01	< 0.6 U
Phosphate	14265-44-2	mg/kg	92	820		740	670	700	22.3
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U		< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	7.37	14.3	< 6 U	< 6 U	< 6 U	8.96

		Site Name	70	70
		Location ID	I-70-SS-004	I-70-SS-004
		Sample Date	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	70SS-4A(0-1)	70SS-4ADUP(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg		
1,3-Dinitrobenzene	99-65-0	mg/kg		
2,4,6-Trinitrotoluene	118-96-7	mg/kg		
HMX	2691-41-0	mg/kg		
Nitrobenzene	98-95-3	mg/kg	< 0.38 U	< 0.39 U
Nitrocellulose	9004-70-0	mg/kg		
Nitroglycerin	55-63-0	mg/kg		
Nitroguanidine	556-88-7	mg/kg		
PETN	78-11-5	mg/kg		
Picric Acid	88-89-1	mg/kg		
RDX	121-82-4	mg/kg		
Tetrazene	14097-21-3	mg/kg		
Tetryl	479-45-8	mg/kg		
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.38 U	< 0.39 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.38 U	< 0.39 U
Metals				
Aluminum	7429-90-5	mg/kg		
Antimony	7440-36-0	mg/kg		
Arsenic	7440-38-2	mg/kg		
Barium	7440-39-3	mg/kg		
Beryllium	7440-41-7	mg/kg		
Boron	7440-42-8	mg/kg		
Cadmium	7440-43-9	mg/kg		
Calcium	7440-70-2	mg/kg		
Chromium	7440-47-3	mg/kg		
Cobalt	7440-48-4	mg/kg		
Copper	7440-50-8	mg/kg		
Iron	7439-89-6	mg/kg		
Lead	7439-92-1	mg/kg		
Magnesium	7439-95-4	mg/kg		
Manganese	7439-96-5	mg/kg		
Mercury	7439-97-6	mg/kg		
Nickel	7440-02-0	mg/kg		
Potassium	7440-09-7	mg/kg		
Selenium	7782-49-2	mg/kg		
Silver	7440-22-4	mg/kg		
Sodium	7440-23-5	mg/kg		
Strontium	7440-24-6	mg/kg		
Thallium	7440-28-0	mg/kg		
Titanium	7440-32-6	mg/kg		
Vanadium	7440-62-2	mg/kg		
Zinc	7440-66-6	mg/kg		
Zirconium	7440-67-7	mg/kg		

		Site Name	70	70
		Location ID	I-70-SS-004	I-70-SS-004
		Sample Date	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	70SS-4A(0-1)	70SS-4ADUP(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
PCBs				
Aroclor 1016	12674-11-2	mg/kg	< 0.038 U	< 0.039 U
Aroclor 1221	11104-28-2	mg/kg	< 0.038 U	< 0.039 U
Aroclor 1232	11141-16-5	mg/kg	< 0.038 U	< 0.039 U
Aroclor 1242	53469-21-9	mg/kg	< 0.038 U	< 0.039 U
Aroclor 1248	12672-29-6	mg/kg	< 0.038 U	< 0.039 U
Aroclor 1254	11097-69-1	mg/kg	< 0.038 U	< 0.039 U
Aroclor 1260	11096-82-5	mg/kg	< 0.038 U	< 0.039 U
Pesticides				
Mirex	2385-85-5	mg/kg		
Radiological				
Americium-241	86954-36-1	pCi/g		
Cesium-137	10045-97-3	pCi/g		
Cobalt-60	10198-40-0	pCi/g		
Gross alpha	12587-46-1	pCi/g		
Gross beta	12587-47-2	pCi/g		
Radium-226	13982-63-3	pCi/g		
Total Uranium	7440-61-1 U	mg/kg		
Uranium-235	15117-96-1	pCi/g		
Uranium-238	7440-61-1 U-238	pCi/g		
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.38 U	< 0.39 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.38 U	< 0.39 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.38 U	< 0.39 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.38 U	< 0.39 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.38 U	< 0.39 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.38 U	< 0.39 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.38 U	< 0.39 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.38 U	< 0.39 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.9 U	< 1.9 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.38 U	< 0.39 U
2-Chlorophenol	95-57-8	mg/kg	< 0.38 U	< 0.39 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.38 U	< 0.39 U
2-Methylphenol	95-48-7	mg/kg	< 0.38 U	< 0.39 U
2-Nitroaniline	88-74-4	mg/kg	< 1.9 U	< 1.9 U
2-Nitrophenol	88-75-5	mg/kg	< 0.38 U	< 0.39 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 1.9 U	< 1.9 U
3-Nitroaniline	99-09-2	mg/kg	< 1.9 U	< 1.9 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 1.9 U	< 1.9 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.38 U	< 0.39 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.38 U	< 0.39 U
4-Chloroaniline	106-47-8	mg/kg	< 0.38 U	< 0.39 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.38 U	< 0.39 U
4-Methylphenol	106-44-5	mg/kg	< 0.38 U#	< 0.39 U#
4-Nitroaniline	100-01-6	mg/kg	< 1.9 U	< 1.9 U
4-Nitrophenol	100-02-7	mg/kg	< 1.9 U	< 1.9 U
Acenaphthene	83-32-9	mg/kg	< 0.38 U	< 0.39 U

		Site Name	70	70
		Location ID	I-70-SS-004	I-70-SS-004
		Sample Date	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	70SS-4A(0-1)	70SS-4ADUP(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
SVOC (continued)				
Acenaphthylene	208-96-8	mg/kg	< 0.38 U	< 0.39 U
Aniline	62-53-3	mg/kg	< 0.38 U	< 0.39 U
Anthracene	120-12-7	mg/kg	< 0.38 U	< 0.39 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.38 U	< 0.39 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.38 U	< 0.39 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.38 U	< 0.39 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.38 U	< 0.39 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.38 U	< 0.39 U
Benzyl alcohol	100-51-6	mg/kg		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.38 U	< 0.39 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.38 U	< 0.39 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.38 U	< 0.39 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.38 U	< 0.39 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.38 U	< 0.39 U
Carbazole	86-74-8	mg/kg	< 0.38 U	< 0.39 U
Chrysene	218-01-9	mg/kg	< 0.38 U	< 0.39 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.38 U	< 0.39 U
Dibenzofuran	132-64-9	mg/kg	< 0.38 U	< 0.39 U
Diethylphthalate	84-66-2	mg/kg	< 0.38 U	< 0.39 U
Dimethylphthalate	131-11-3	mg/kg	< 0.38 U	< 0.39 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.38 U	< 0.39 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.38 U	< 0.39 U
Diphenylamine	122-39-4	mg/kg	< 0.38 U	< 0.39 U
Fluoranthene	206-44-0	mg/kg	< 0.38 U	< 0.39 U
Fluorene	86-73-7	mg/kg	< 0.38 U	< 0.39 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.38 U	< 0.39 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.38 U	< 0.39 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 1.9 U	< 1.9 U
Hexachloroethane	67-72-1	mg/kg	< 0.38 U	< 0.39 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.38 U	< 0.39 U
Isophorone	78-59-1	mg/kg	< 0.38 U	< 0.39 U
Naphthalene	91-20-3	mg/kg	< 0.38 U	< 0.39 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.38 U	< 0.39 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.38 U	< 0.39 U
Pentachlorophenol	87-86-5	mg/kg	< 0.38 U	< 0.39 U
Phenanthrene	85-01-8	mg/kg	< 0.38 U	< 0.39 U
Phenol	108-95-2	mg/kg	< 0.38 U	< 0.39 U
Pyrene	129-00-0	mg/kg	< 0.38 U	< 0.39 U
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		
1,1,2-Trichloroethane	79-00-5	mg/kg		
1,1-Dichloroethane	75-34-3	mg/kg		
1,1-Dichloroethene	75-35-4	mg/kg		
1,2-Dichloroethane	107-06-2	mg/kg		
1,2-Dichloroethene (total)	540-59-0	mg/kg		
1,2-Dichloropropane	78-87-5	mg/kg		

		Site Name	70	70
		Location ID	I-70-SS-004	I-70-SS-004
		Sample Date	5/4/2001	5/4/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	70SS-4A(0-1)	70SS-4ADUP(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
VOC (continued)				
2-Butanone	78-93-3	mg/kg		
2-Hexanone	591-78-6	mg/kg		
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		
Acetone	67-64-1	mg/kg		
Acetonitrile	75-05-8	mg/kg		
Benzene	71-43-2	mg/kg		
Bromodichloromethane	75-27-4	mg/kg		
Bromoform	75-25-2	mg/kg		
Bromomethane	74-83-9	mg/kg		
Carbon disulfide	75-15-0	mg/kg		
Carbon tetrachloride	56-23-5	mg/kg		
Chlorobenzene	108-90-7	mg/kg		
Chloroethane	75-00-3	mg/kg		
Chloroform	67-66-3	mg/kg		
Chloromethane	74-87-3	mg/kg		
cis-1,3-Dichloropropene	10061-01-5	mg/kg		
Dibromochloromethane	124-48-1	mg/kg		
Dichlorodifluoromethane	75-71-8	mg/kg		
Ethanol	64-17-5	mg/kg		
Ethyl benzene	100-41-4	mg/kg		
Isopropanol	67-63-0	mg/kg		
Methylene chloride	75-09-2	mg/kg		
Styrene	100-42-5	mg/kg		
tert-Butylalcohol	75-65-0	mg/kg		
Tetrachloroethene	127-18-4	mg/kg		
Toluene	108-88-3	mg/kg		
trans-1,3-Dichloropropene	10061-02-6	mg/kg		
Trichloroethene	79-01-6	mg/kg		
Trichlorofluoromethane	75-69-4	mg/kg		
Vinyl acetate	108-05-4	mg/kg		
Vinyl chloride	75-01-4	mg/kg		
Xylenes	1330-20-7	mg/kg		
WetChem				
% Solids	%Solid	%	85.8	85.7
Ammonia	7664-41-7	mg/kg		
Chloride	16887-00-6	mg/kg		
Cyanide	57-12-5	mg/kg		
Fluoride	16984-48-8	mg/kg		
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg		
Phosphate	14265-44-2	mg/kg		
Sulfate	14808-79-8	mg/kg		
Sulfide	18496-25-8	mg/kg		

		Site Name	71
		Location ID	I-71-SD-001
		Sample Date	8/2/1996
		Depth Interval	0 - 1
		Sample ID	71SD-1(0-1)
		Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U
Tetryl	479-45-8	mg/kg	< 0.731 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U
Metals			
Aluminum	7429-90-5	mg/kg	21000
Antimony	7440-36-0	mg/kg	< 0.1 U
Arsenic	7440-38-2	mg/kg	6.12
Barium	7440-39-3	mg/kg	86.7
Beryllium	7440-41-7	mg/kg	1.25
Boron	7440-42-8	mg/kg	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U
Calcium	7440-70-2	mg/kg	1060
Chromium	7440-47-3	mg/kg	21
Cobalt	7440-48-4	mg/kg	7.21
Copper	7440-50-8	mg/kg	24.7
Iron	7439-89-6	mg/kg	20400
Lead	7439-92-1	mg/kg	29.8
Magnesium	7439-95-4	mg/kg	2400
Manganese	7439-96-5	mg/kg	84.9
Mercury	7439-97-6	mg/kg	< 0.05 U
Nickel	7440-02-0	mg/kg	17.7
Potassium	7440-09-7	mg/kg	594
Selenium	7782-49-2	mg/kg	2.35
Silver	7440-22-4	mg/kg	< 0.589 U
Sodium	7440-23-5	mg/kg	825
Strontium	7440-24-6	mg/kg	21.2
Thallium	7440-28-0	mg/kg	0.48
Titanium	7440-32-6	mg/kg	578
Vanadium	7440-62-2	mg/kg	39.6
Zinc	7440-66-6	mg/kg	66.8
Zirconium	7440-67-7	mg/kg	8.25
Pesticides			
Mirex	2385-85-5	mg/kg	< 0.25 U
SVOC			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U

		Site Name	71
		Location ID	I-71-SD-001
		Sample Date	8/2/1996
		Depth Interval	0 - 1
		Sample ID	71SD-1(0-1)
		Sample Matrix	SE
Chemical Name	**CAS No**	**Unit**	
SVOC (continued)			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U
Fluoranthene	206-44-0	mg/kg	< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U
Phenanthrene	85-01-8	mg/kg	< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U
Pyrene	129-00-0	mg/kg	< 0.033 U
WetChem			
Ammonia	7664-41-7	mg/kg	230
Chloride	16887-00-6	mg/kg	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U
Fluoride	16984-48-8	mg/kg	19.5
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 UJ
Phosphate	14265-44-2	mg/kg	510
Sulfate	14808-79-8	mg/kg	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U
Total organic carbon	TOC	mg/kg	23200

		Site Name	71	71	71	71	71	71	71	71
		Location ID	I-71-SS-001A	I-71-SS-002A	I-71-SS-002A	I-71-SS-003C	I-71-SS-004	I-71-SS-005	I-71-SS-006	I-71-SS-006
		Sample Date	5/1/1996	5/1/1996	5/1/1996	5/2/1996	4/30/2001	4/30/2001	4/30/2001	4/30/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	2 - 3	0 - 1	0 - 1	0 - 1
		Sample ID	71SS-1A(0-1)	71SS-2A(0-1)	71SS-2ADUP(0-1)	71SS-3C(0-1)	71SS-4C(2-3)	71SS-5A(0-1)	71SS-6A(0-1)	71SS-6ADUP(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U				
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U				
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U				
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U				
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U				
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U				
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U				
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U				
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U				
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U				
Tetrazene	14097-21-3	mg/kg	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ				
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U				
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U				
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U				
Metals										
Aluminum	7429-90-5	mg/kg	36400	4460	4420	7980				
Antimony	7440-36-0	mg/kg	0.82	0.23	0.31	0.59				
Arsenic	7440-38-2	mg/kg	40	31	36	21.6	8 D	8.8 D	8.4	5.7
Barium	7440-39-3	mg/kg	367	46.8	45.8	112				
Beryllium	7440-41-7	mg/kg	7.05	< 0.5 U	< 0.5 U	0.79				
Boron	7440-42-8	mg/kg	83.1	6.99	< 5.91 U	11.6				
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U				
Calcium	7440-70-2	mg/kg	120000	6440	7780	11600				
Chromium	7440-47-3	mg/kg	8.98	< 4.05 U	5.44	6.72				
Cobalt	7440-48-4	mg/kg	4.72	2.85	2.68	28.9				
Copper	7440-50-8	mg/kg	14.9	8.94	5.81	24.2				
Iron	7439-89-6	mg/kg	48500	17800	19600	25000				
Lead	7439-92-1	mg/kg	227	23	19.8	45.1				
Magnesium	7439-95-4	mg/kg	35300	6370	5780	6160				
Manganese	7439-96-5	mg/kg	3050	219	290	1240				
Mercury	7439-97-6	mg/kg	0.41	0.08	0.08	0.12				
Nickel	7440-02-0	mg/kg	11.3	6.03	5.41	32.6				
Potassium	7440-09-7	mg/kg	3570	3130	2630	1980				
Selenium	7782-49-2	mg/kg	5.25	1.98	1.98	3.01				
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U				
Sodium	7440-23-5	mg/kg	6310	486	421	685				
Strontium	7440-24-6	mg/kg	160	22.4	18.2	69				
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	0.13				
Titanium	7440-32-6	mg/kg	2400	338	378	1000				
Vanadium	7440-62-2	mg/kg	44.5	9.95	13.5	15.1				
Zinc	7440-66-6	mg/kg	219	26.1	31.2	149				
Zirconium	7440-67-7	mg/kg	42.5	< 2.5 U	< 2.5 U	17.4				
Pesticides										
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U				

		Site Name	71	71	71	71	71	71	71	71
		Location ID	I-71-SS-001A	I-71-SS-002A	I-71-SS-002A	I-71-SS-003C	I-71-SS-004	I-71-SS-005	I-71-SS-006	I-71-SS-006
		Sample Date	5/1/1996	5/1/1996	5/1/1996	5/2/1996	4/30/2001	4/30/2001	4/30/2001	4/30/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	2 - 3	0 - 1	0 - 1	0 - 1
		Sample ID	71SS-1A(0-1)	71SS-2A(0-1)	71SS-2ADUP(0-1)	71SS-3C(0-1)	71SS-4C(2-3)	71SS-5A(0-1)	71SS-6A(0-1)	71SS-6ADUP(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
SVOC										
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U				
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U				
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U				
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U				
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U				
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U				
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U				
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U				
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U				
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U				
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U				
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U				
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U				
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U				
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U				
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U				
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U				
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U				
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#				
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U				
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U				
Acenaphthene	83-32-9	mg/kg	< 0.036 U	0.24	0.3	< 0.036 U	< 0.38 U	< 0.36 U	< 0.37 U	< 0.37 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.38 U	< 0.36 U	< 0.37 U	< 0.37 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U				
Anthracene	120-12-7	mg/kg	< 0.033 U	0.78	0.9	< 0.033 U	0.24 J	0.26 J	0.13 J	< 0.37 U
Benz(a)anthracene	56-55-3	mg/kg	0.23	2.8	3	0.4	1.1	2	0.8	0.54
Benzo(a)pyrene	50-32-8	mg/kg	0.39	3	4	< 0.25 U	1.1	1.9	0.81	0.57
Benzo(b)fluoranthene	205-99-2	mg/kg	0.74	3.9	4	< 0.21 U	1.4	2.4	1.1	0.81
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.29	1.3	1	< 0.25 U	0.6	0.95	0.49	0.32 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.28	3	3	0.4	0.53	0.76	0.34 J	0.23 J
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U				
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U				
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				
Carbazole	86-74-8	mg/kg	< 0.14 U	0.23	0.2 J	< 0.14 U				
Chrysene	218-01-9	mg/kg	0.59	3.5	4	0.6	1.1	1.8	0.77	0.56
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	0.5	0.4	< 0.21 U	0.18 J	0.3 J	0.15 J	< 0.37 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	0.05	< 0.035 U	< 0.035 U				
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U				
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U				
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U				
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U				

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	71 I-71-SS-001A 5/1/1996 0 - 1 71SS-1A(0-1) SO	71 I-71-SS-002A 5/1/1996 0 - 1 71SS-2A(0-1) SO	71 I-71-SS-002A 5/1/1996 0 - 1 71SS-2ADUP(0-1) SO	71 I-71-SS-003C 5/2/1996 0 - 1 71SS-3C(0-1) SO	71 I-71-SS-004 4/30/2001 2 - 3 71SS-4C(2-3) SO	71 I-71-SS-005 4/30/2001 0 - 1 71SS-5A(0-1) SO	71 I-71-SS-006 4/30/2001 0 - 1 71SS-6A(0-1) SO	71 I-71-SS-006 4/30/2001 0 - 1 71SS-6ADUP(0-1) SO
SVOC (continued)										
Fluoranthene	206-44-0	mg/kg	0.66	6.4	8	0.8	3	4	1.6	1
Fluorene	86-73-7	mg/kg	< 0.033 U	0.23	0.2	< 0.033 U	< 0.38 U	< 0.36 U	< 0.37 U	< 0.37 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U				
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U				
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.36	1.9	2	< 0.29 U	0.58	0.91	0.47	0.3 J
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.38 U	< 0.36 U	< 0.37 U	< 0.37 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U				
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U				
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U				
Phenanthrene	85-01-8	mg/kg	0.19	2.8	3	0.2	1.3	1.3	0.66	0.34 J
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U				
Pyrene	129-00-0	mg/kg	0.57	7	7	0.8	2.3	3.9	1.3	1
WetChem										
% Solids	%Solid	%					87.7	91.8	88.5	89.8
Ammonia	7664-41-7	mg/kg	48.2	< 12.5 U	< 12.5 U	22.5				
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U				
Cyanide	57-12-5	mg/kg	11.4	< 0.92 U	< 0.92 U	1.98				
Fluoride	16984-48-8	mg/kg	5.21	< 3.62 U	< 3.62 U	< 3.62 U				
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	1.82	< 0.6 U	< 0.6 U	< 0.6 U				
Phosphate	14265-44-2	mg/kg	240	2400	1700	1600				
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U				
Sulfide	18496-25-8	mg/kg	19000	37.7	20	680				

Chemical Name	CAS No	Unit	Site Name: 71 Location ID: I-71-SS-007 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-7A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-008 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-8A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-009 Sample Date: 4/30/2001 Depth Interval: 2 - 3 Sample ID: 71SS-9C(2-3) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-010A Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-10A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-011 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-11A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-012 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-12A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-013 Sample Date: 2/12/2002 Depth Interval: 0 - 1 Sample ID: 71SS-13(0-1) Sample Matrix: SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg							
1,3-Dinitrobenzene	99-65-0	mg/kg							
2,4,6-Trinitrotoluene	118-96-7	mg/kg							
HMX	2691-41-0	mg/kg							
Nitrobenzene	98-95-3	mg/kg							
Nitrocellulose	9004-70-0	mg/kg							
Nitroglycerin	55-63-0	mg/kg							
Nitroguanidine	556-88-7	mg/kg							
PETN	78-11-5	mg/kg							
Picric Acid	88-89-1	mg/kg							
RDX	121-82-4	mg/kg							
Tetrazene	14097-21-3	mg/kg							
Tetryl	479-45-8	mg/kg							
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg							
2,6-Dinitrotoluene	606-20-2	mg/kg							
Metals									
Aluminum	7429-90-5	mg/kg							
Antimony	7440-36-0	mg/kg							
Arsenic	7440-38-2	mg/kg	12.5 D	9.9	17.9 D	15.1 D	35.2 D	24.2 D	12.4 JD
Barium	7440-39-3	mg/kg							
Beryllium	7440-41-7	mg/kg							
Boron	7440-42-8	mg/kg							
Cadmium	7440-43-9	mg/kg							
Calcium	7440-70-2	mg/kg							
Chromium	7440-47-3	mg/kg							
Cobalt	7440-48-4	mg/kg							
Copper	7440-50-8	mg/kg							
Iron	7439-89-6	mg/kg							
Lead	7439-92-1	mg/kg							
Magnesium	7439-95-4	mg/kg							
Manganese	7439-96-5	mg/kg							
Mercury	7439-97-6	mg/kg							
Nickel	7440-02-0	mg/kg							
Potassium	7440-09-7	mg/kg							
Selenium	7782-49-2	mg/kg							
Silver	7440-22-4	mg/kg							
Sodium	7440-23-5	mg/kg							
Strontium	7440-24-6	mg/kg							
Thallium	7440-28-0	mg/kg							
Titanium	7440-32-6	mg/kg							
Vanadium	7440-62-2	mg/kg							
Zinc	7440-66-6	mg/kg							
Zirconium	7440-67-7	mg/kg							
Pesticides									
Mirex	2385-85-5	mg/kg							

		Site Name	71	71	71	71	71	71	71
		Location ID	I-71-SS-007	I-71-SS-008	I-71-SS-009	I-71-SS-010A	I-71-SS-011	I-71-SS-012	I-71-SS-013
		Sample Date	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	2/12/2002
		Depth Interval	0 - 1	0 - 1	2 - 3	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	71SS-7A(0-1)	71SS-8A(0-1)	71SS-9C(2-3)	71SS-10A(0-1)	71SS-11A(0-1)	71SS-12A(0-1)	71SS-13(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**							
SVOC									
1,2,4-Trichlorobenzene	120-82-1	mg/kg							
1,2-Dichlorobenzene	95-50-1	mg/kg							
1,3-Dichlorobenzene	541-73-1	mg/kg							
1,4-Dichlorobenzene	106-46-7	mg/kg							
2,4,5-Trichlorophenol	95-95-4	mg/kg							
2,4,6-Trichlorophenol	88-06-2	mg/kg							
2,4-Dichlorophenol	120-83-2	mg/kg							
2,4-Dimethylphenol	105-67-9	mg/kg							
2,4-Dinitrophenol	51-28-5	mg/kg							
2-Chloronaphthalene	91-58-7	mg/kg							
2-Chlorophenol	95-57-8	mg/kg							
2-Methylnaphthalene	91-57-6	mg/kg							
2-Methylphenol	95-48-7	mg/kg							
2-Nitroaniline	88-74-4	mg/kg							
2-Nitrophenol	88-75-5	mg/kg							
3,3'-Dichlorobenzidine	91-94-1	mg/kg							
3-Nitroaniline	99-09-2	mg/kg							
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg							
4-Bromophenyl phenyl ether	101-55-3	mg/kg							
4-Chloro-3-methylphenol	59-50-7	mg/kg							
4-Chloroaniline	106-47-8	mg/kg							
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg							
4-Methylphenol	106-44-5	mg/kg							
4-Nitroaniline	100-01-6	mg/kg							
4-Nitrophenol	100-02-7	mg/kg							
Acenaphthene	83-32-9	mg/kg	< 0.38 U	< 0.37 U					
Acenaphthylene	208-96-8	mg/kg	< 0.38 U	< 0.37 U					
Aniline	62-53-3	mg/kg							
Anthracene	120-12-7	mg/kg	0.13 J	< 0.37 U					
Benz(a)anthracene	56-55-3	mg/kg	0.81	0.73					
Benzo(a)pyrene	50-32-8	mg/kg	0.81	0.75					
Benzo(b)fluoranthene	205-99-2	mg/kg	1.1	1					
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.5	0.39					
Benzo(k)fluoranthene	207-08-9	mg/kg	0.36 J	0.32 J					
Benzyl alcohol	100-51-6	mg/kg							
bis(2-Chloroethoxy)methane	111-91-1	mg/kg							
bis(2-Chloroethyl)ether	111-44-4	mg/kg							
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg							
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg							
Butylbenzyl phthalate	85-68-7	mg/kg							
Carbazole	86-74-8	mg/kg							
Chrysene	218-01-9	mg/kg	0.79	0.73					
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.14 J	0.12 J					
Dibenzofuran	132-64-9	mg/kg							
Diethylphthalate	84-66-2	mg/kg							
Dimethylphthalate	131-11-3	mg/kg							
di-n-Butylphthalate	84-74-2	mg/kg							
di-n-Octylphthalate	117-84-0	mg/kg							
Diphenylamine	122-39-4	mg/kg							

Chemical Name	CAS No	Unit	Site Name: 71 Location ID: I-71-SS-007 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-7A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-008 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-8A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-009 Sample Date: 4/30/2001 Depth Interval: 2 - 3 Sample ID: 71SS-9C(2-3) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-010A Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-10A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-011 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-11A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-012 Sample Date: 4/30/2001 Depth Interval: 0 - 1 Sample ID: 71SS-12A(0-1) Sample Matrix: SO	Site Name: 71 Location ID: I-71-SS-013 Sample Date: 2/12/2002 Depth Interval: 0 - 1 Sample ID: 71SS-13(0-1) Sample Matrix: SO
SVOC (continued)									
Fluoranthene	206-44-0	mg/kg	1.8	1.4					
Fluorene	86-73-7	mg/kg	< 0.38 U	< 0.37 U					
Hexachlorobenzene	118-74-1	mg/kg							
Hexachlorobutadiene	87-68-3	mg/kg							
Hexachlorocyclopentadiene	77-47-4	mg/kg							
Hexachloroethane	67-72-1	mg/kg							
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	0.46	0.38					
Isophorone	78-59-1	mg/kg							
Naphthalene	91-20-3	mg/kg	< 0.38 U	< 0.37 U					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg							
n-Nitrosodiphenylamine	86-30-6	mg/kg							
Pentachlorophenol	87-86-5	mg/kg							
Phenanthrene	85-01-8	mg/kg	0.7	0.55					
Phenol	108-95-2	mg/kg							
Pyrene	129-00-0	mg/kg	1.4	1.3					
WetChem									
% Solids	%Solid	%	87.6	89.6	90.8	85.6	84	89.8	57.9
Ammonia	7664-41-7	mg/kg							
Chloride	16887-00-6	mg/kg							
Cyanide	57-12-5	mg/kg							
Fluoride	16984-48-8	mg/kg							
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg							
Phosphate	14265-44-2	mg/kg							
Sulfate	14808-79-8	mg/kg							
Sulfide	18496-25-8	mg/kg							

		Site Name	71
		Location ID	I-71-SW-001
		Sample Date	8/2/1996
		Depth Interval	
		Sample ID	71SW-1(19960802)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
Explosives			
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U
PETN	78-11-5	ug/L	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U
Explosives / SVOC			
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U
Metals			
Aluminum	7429-90-5	ug/L	134
Antimony	7440-36-0	ug/L	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U
Barium	7440-39-3	ug/L	23.1
Beryllium	7440-41-7	ug/L	< 5 U
Boron	7440-42-8	ug/L	233
Cadmium	7440-43-9	ug/L	< 3.01 U
Calcium	7440-70-2	ug/L	6040
Chromium	7440-47-3	ug/L	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U
Copper	7440-50-8	ug/L	< 5 U
Iron	7439-89-6	ug/L	871
Lead	7439-92-1	ug/L	1.45
Magnesium	7439-95-4	ug/L	2220
Manganese	7439-96-5	ug/L	125
Mercury	7439-97-6	ug/L	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U
Potassium	7440-09-7	ug/L	< 1000 U
Selenium	7782-49-2	ug/L	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U
Sodium	7440-23-5	ug/L	9020
Strontium	7440-24-6	ug/L	26.7
Thallium	7440-28-0	ug/L	< 1 U
Titanium	7440-32-6	ug/L	4.59
Vanadium	7440-62-2	ug/L	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U
Pesticides			
Mirex	2385-85-5	ug/L	< 0.025 U
SVOC			
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U

		Site Name	71
		Location ID	I-71-SW-001
		Sample Date	8/2/1996
		Depth Interval	
		Sample ID	71SW-1(19960802)
		Sample Matrix	WS
Chemical Name	**CAS No**	**Unit**	
SVOC (continued)			
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U
Acenaphthene	83-32-9	ug/L	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U
Dibenzofuran	132-64-9	ug/L	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U
Fluorene	86-73-7	ug/L	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U
Phenanthrene	85-01-8	ug/L	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U
WetChem			
Ammonia	7664-41-7	ug/L	137
Chloride	16887-00-6	ug/L	17600
Cyanide	57-12-5	ug/L	2.91
Fluoride	16984-48-8	ug/L	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	< 10 U
Phosphate	14265-44-2	ug/L	38
Sulfate	14808-79-8	ug/L	< 10000 U
Sulfide	18496-25-8	ug/L	76.7

		Site Name	78	78
		Location ID	P-78-SD-001	P-78-SD-001
		Sample Date	12/7/1998	5/7/1999
		Depth Interval	0 - 1	0 - 1
		Sample ID	78SD-1(0-1)-12855	178SD-1(0-1)-128613
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Explosives				
Nitrobenzene	98-95-3	mg/kg	< 0.440 UJ	
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.881 UJ	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.881 UJ	
Metals				
Aluminum	7429-90-5	mg/kg		7294.11
Antimony	7440-36-0	mg/kg		1.7 J
Arsenic	7440-38-2	mg/kg		21.17
Barium	7440-39-3	mg/kg		182.94
Beryllium	7440-41-7	mg/kg		< 2.94 U
Cadmium	7440-43-9	mg/kg		4.35
Calcium	7440-70-2	mg/kg		13470.58
Chromium	7440-47-3	mg/kg		30 J
Cobalt	7440-48-4	mg/kg		5 J
Copper	7440-50-8	mg/kg		50.58 J
Iron	7439-89-6	mg/kg		15764.7
Lead	7439-92-1	mg/kg		67.64 J
Magnesium	7439-95-4	mg/kg		3252.94
Manganese	7439-96-5	mg/kg		305.29
Mercury	7439-97-6	mg/kg		0.44 J
Nickel	7440-02-0	mg/kg		18.82 J
Potassium	7440-09-7	mg/kg		776.47 J
Selenium	7782-49-2	mg/kg		3.05
Silver	7440-22-4	mg/kg		< 2.94 U
Sodium	7440-23-5	mg/kg		729.41 J
Thallium	7440-28-0	mg/kg		< 5.88 U
Vanadium	7440-62-2	mg/kg		25.29 J
Zinc	7440-66-6	mg/kg		174.7
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.629 UJ	
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.440 UJ	
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.440 UJ	
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.440 UJ	
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 1.89 UJ	
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 1.89 UJ	
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.881 UJ	
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.881 UJ	
2,4-Dinitrophenol	51-28-5	mg/kg	< 8.18 UJ	
2-Chloronaphthalene	91-58-7	mg/kg	< 0.440 UJ	
2-Chlorophenol	95-57-8	mg/kg	< 0.881 UJ	
2-Methylnaphthalene	91-57-6	mg/kg	< 0.629 UJ	
2-Methylphenol	95-48-7	mg/kg	< 0.881 UJ	
2-Nitroaniline	88-74-4	mg/kg	< 1.89 UJ	
2-Nitrophenol	88-75-5	mg/kg	< 0.881 UJ	
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 3.14 UJ	
3-Nitroaniline	99-09-2	mg/kg	< 1.89 UJ	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 6.29 UJ	
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.881 UJ	
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.881 UJ	
4-Chloroaniline	106-47-8	mg/kg	< 1.89 UJ	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.629 UJ	
4-Methylphenol	106-44-5	mg/kg	< 0.881 UJ#	
4-Nitroaniline	100-01-6	mg/kg	< 1.89 UJ	
4-Nitrophenol	100-02-7	mg/kg	< 3.14 UJ	
Acenaphthene	83-32-9	mg/kg	< 0.440 UJ	
Acenaphthylene	208-96-8	mg/kg	< 0.440 UJ	
Anthracene	120-12-7	mg/kg	< 0.440 UJ	
Benz(a)anthracene	56-55-3	mg/kg	< 0.629 UJ	
Benzo(a)pyrene	50-32-8	mg/kg	< 0.881 UJ	
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.629 UJ	
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 1.01 UJ	
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.629 UJ	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.440 UJ	
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.440 UJ	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.440 UJ	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.629 UJ	
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.629 UJ	
Carbazole	86-74-8	mg/kg	< 0.629 UJ	
Chrysene	218-01-9	mg/kg	< 0.629 UJ	

		Site Name	78	78
		Location ID	P-78-SD-001	P-78-SD-001
		Sample Date	12/7/1998	5/7/1999
		Depth Interval	0 - 1	0 - 1
		Sample ID	78SD-1(0-1)-12855	178SD-1(0-1)-128613
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 1.01 UJ	
Dibenzofuran	132-64-9	mg/kg	< 0.440 UJ	
Diethylphthalate	84-66-2	mg/kg	< 0.440 UJ	
Dimethylphthalate	131-11-3	mg/kg	< 0.629 UJ	
di-n-Butylphthalate	84-74-2	mg/kg	< 0.440 UJ	
di-n-Octylphthalate	117-84-0	mg/kg	< 0.881 UJ	
Fluoranthene	206-44-0	mg/kg	0.31 J	
Fluorene	86-73-7	mg/kg	< 0.440 UJ	
Hexachlorobenzene	118-74-1	mg/kg	< 0.629 UJ	
Hexachlorobutadiene	87-68-3	mg/kg	< 0.881 UJ	
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.29 R	
Hexachloroethane	67-72-1	mg/kg	< 0.629 UJ	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 1.01 UJ	
Isophorone	78-59-1	mg/kg	< 0.881 UJ	
Naphthalene	91-20-3	mg/kg	< 0.440 UJ	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.629 UJ	
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.440 UJ	
Pentachlorophenol	87-86-5	mg/kg	< 3.14 UJ	
Phenanthrene	85-01-8	mg/kg	0.15 J	
Phenol	108-95-2	mg/kg	< 0.881 UJ	
Pyrene	129-00-0	mg/kg	0.28 J	
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		
1,1,2-Trichloroethane	79-00-5	mg/kg		
1,1-Dichloroethane	75-34-3	mg/kg		
1,1-Dichloroethene	75-35-4	mg/kg		
1,2-Dichloroethane	107-06-2	mg/kg		
1,2-Dichloropropane	78-87-5	mg/kg		
2-Butanone	78-93-3	mg/kg		
2-Hexanone	591-78-6	mg/kg		
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		
Acetone	67-64-1	mg/kg		
Acetonitrile	75-05-8	mg/kg		
Benzene	71-43-2	mg/kg		
Bromodichloromethane	75-27-4	mg/kg		
Bromoform	75-25-2	mg/kg		
Bromomethane	74-83-9	mg/kg		
Carbon disulfide	75-15-0	mg/kg		
Carbon tetrachloride	56-23-5	mg/kg		
Chlorobenzene	108-90-7	mg/kg		
Chloroethane	75-00-3	mg/kg		
Chloroform	67-66-3	mg/kg		
Chloromethane	74-87-3	mg/kg		
cis-1,2-Dichloroethene	156-59-2	mg/kg		
cis-1,3-Dichloropropene	10061-01-5	mg/kg		
Dibromochloromethane	124-48-1	mg/kg		
Dichlorodifluoromethane	75-71-8	mg/kg		
Ethyl benzene	100-41-4	mg/kg		
Methylene chloride	75-09-2	mg/kg		
Styrene	100-42-5	mg/kg		
Tetrachloroethene	127-18-4	mg/kg		
Toluene	108-88-3	mg/kg		
trans-1,2-Dichloroethene	156-60-5	mg/kg		
trans-1,3-Dichloropropene	10061-02-6	mg/kg		
Trichloroethene	79-01-6	mg/kg		
Trichlorofluoromethane	75-69-4	mg/kg		
Vinyl chloride	75-01-4	mg/kg		
Xylenes	1330-20-7	mg/kg		
WetChem				
% Solids	%Solid	%		

		Site Name	78	78	78
		Location ID	P-78-SD-001	P-78-SD-001	P-78-SD-002
		Sample Date	4/18/2001	4/18/2001	12/7/1998
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	78SD-1DUP(0-1)	78SD-1(0-1)-12865	078SD-2(0-1)-128552
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
Explosives					
Nitrobenzene	98-95-3	mg/kg			< 0.145 UJ
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg			< 0.290 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.290 UJ
Metals					
Aluminum	7429-90-5	mg/kg			
Antimony	7440-36-0	mg/kg			
Arsenic	7440-38-2	mg/kg			
Barium	7440-39-3	mg/kg			
Beryllium	7440-41-7	mg/kg			
Cadmium	7440-43-9	mg/kg			
Calcium	7440-70-2	mg/kg			
Chromium	7440-47-3	mg/kg			
Cobalt	7440-48-4	mg/kg			
Copper	7440-50-8	mg/kg			
Iron	7439-89-6	mg/kg			
Lead	7439-92-1	mg/kg			
Magnesium	7439-95-4	mg/kg			
Manganese	7439-96-5	mg/kg			
Mercury	7439-97-6	mg/kg			
Nickel	7440-02-0	mg/kg			
Potassium	7440-09-7	mg/kg			
Selenium	7782-49-2	mg/kg			
Silver	7440-22-4	mg/kg			
Sodium	7440-23-5	mg/kg			
Thallium	7440-28-0	mg/kg			
Vanadium	7440-62-2	mg/kg			
Zinc	7440-66-6	mg/kg			
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 3.2 U	< 2.3 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg			< 0.207 UJ
1,2-Dichlorobenzene	95-50-1	mg/kg			< 0.145 UJ
1,3-Dichlorobenzene	541-73-1	mg/kg			< 0.145 UJ
1,4-Dichlorobenzene	106-46-7	mg/kg			< 0.145 UJ
2,4,5-Trichlorophenol	95-95-4	mg/kg			< 0.622 UJ
2,4,6-Trichlorophenol	88-06-2	mg/kg			< 0.622 UJ
2,4-Dichlorophenol	120-83-2	mg/kg			< 0.290 UJ
2,4-Dimethylphenol	105-67-9	mg/kg			< 0.290 UJ
2,4-Dinitrophenol	51-28-5	mg/kg			< 2.70 UJ
2-Chloronaphthalene	91-58-7	mg/kg			< 0.145 UJ
2-Chlorophenol	95-57-8	mg/kg			< 0.290 UJ
2-Methylnaphthalene	91-57-6	mg/kg			< 0.207 UJ
2-Methylphenol	95-48-7	mg/kg			< 0.290 UJ
2-Nitroaniline	88-74-4	mg/kg			< 0.622 UJ
2-Nitrophenol	88-75-5	mg/kg			< 0.290 UJ
3,3'-Dichlorobenzidine	91-94-1	mg/kg			< 1.04 UJ
3-Nitroaniline	99-09-2	mg/kg			< 0.622 UJ
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg			< 2.07 UJ
4-Bromophenyl phenyl ether	101-55-3	mg/kg			< 0.290 UJ
4-Chloro-3-methylphenol	59-50-7	mg/kg			< 0.290 UJ
4-Chloroaniline	106-47-8	mg/kg			< 0.622 UJ
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg			< 0.207 UJ
4-Methylphenol	106-44-5	mg/kg			< 0.290 UJ#
4-Nitroaniline	100-01-6	mg/kg			< 0.622 UJ
4-Nitrophenol	100-02-7	mg/kg			< 1.04 UJ
Acenaphthene	83-32-9	mg/kg			< 0.145 UJ
Acenaphthylene	208-96-8	mg/kg			< 0.145 UJ
Anthracene	120-12-7	mg/kg			0.03 J
Benz(a)anthracene	56-55-3	mg/kg			0.1 J
Benzo(a)pyrene	50-32-8	mg/kg			0.11 J
Benzo(b)fluoranthene	205-99-2	mg/kg			0.12 J
Benzo(g,h,i)perylene	191-24-2	mg/kg			< 0.332 UJ
Benzo(k)fluoranthene	207-08-9	mg/kg			0.08 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg			< 0.145 UJ
bis(2-Chloroethyl)ether	111-44-4	mg/kg			< 0.145 UJ
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg			< 0.145 UJ
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg			< 0.207 UJ
Butylbenzyl phthalate	85-68-7	mg/kg			< 0.207 UJ
Carbazole	86-74-8	mg/kg			< 0.207 UJ
Chrysene	218-01-9	mg/kg			0.12 J

		Site Name	78	78	78
		Location ID	P-78-SD-001	P-78-SD-001	P-78-SD-002
		Sample Date	4/18/2001	4/18/2001	12/7/1998
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	78SD-1DUP(0-1)	78SD-1(0-1)-12865	78SD-2(0-1)-128552
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
Dibenz(a,h)anthracene	53-70-3	mg/kg			< 0.332 UJ
Dibenzofuran	132-64-9	mg/kg			< 0.145 UJ
Diethylphthalate	84-66-2	mg/kg			< 0.145 UJ
Dimethylphthalate	131-11-3	mg/kg			< 0.207 UJ
di-n-Butylphthalate	84-74-2	mg/kg			< 0.145 UJ
di-n-Octylphthalate	117-84-0	mg/kg			< 0.290 UJ
Fluoranthene	206-44-0	mg/kg			0.19 J
Fluorene	86-73-7	mg/kg			< 0.145 UJ
Hexachlorobenzene	118-74-1	mg/kg			< 0.207 UJ
Hexachlorobutadiene	87-68-3	mg/kg			< 0.290 UJ
Hexachlorocyclopentadiene	77-47-4	mg/kg			< 2.07 R
Hexachloroethane	67-72-1	mg/kg			< 0.207 UJ
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			< 0.332 UJ
Isophorone	78-59-1	mg/kg			< 0.290 UJ
Naphthalene	91-20-3	mg/kg			< 0.145 UJ
n-Nitroso-di-n-propylamine	621-64-7	mg/kg			< 0.207 UJ
n-Nitrosodiphenylamine	86-30-6	mg/kg			< 0.145 UJ
Pentachlorophenol	87-86-5	mg/kg			< 1.04 UJ
Phenanthrene	85-01-8	mg/kg			0.13 J
Phenol	108-95-2	mg/kg			< 0.290 UJ
Pyrene	129-00-0	mg/kg			0.17 J
VOC					
1,1,1-Trichloroethane	71-55-6	mg/kg	< 3.2 U	< 2.3 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 3.2 U	< 2.3 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	< 3.2 U	< 2.3 U	
1,1-Dichloroethane	75-34-3	mg/kg	< 3.2 U	< 2.3 U	
1,1-Dichloroethene	75-35-4	mg/kg	< 3.2 U	< 2.3 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 3.2 U	< 2.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 3.2 U	< 2.3 U	
2-Butanone	78-93-3	mg/kg	< 64 U	< 45 U	
2-Hexanone	591-78-6	mg/kg	< 32 U	< 23 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 32 U	< 23 U	
Acetone	67-64-1	mg/kg	< 64 U	< 45 U	
Acetonitrile	75-05-8	mg/kg	< 130 R	< 91 R	
Benzene	71-43-2	mg/kg	< 3.2 U	< 2.3 U	
Bromodichloromethane	75-27-4	mg/kg	< 3.2 U	< 2.3 U	
Bromoform	75-25-2	mg/kg	< 3.2 U	< 2.3 U	
Bromomethane	74-83-9	mg/kg	< 6.4 R	< 4.5 R	
Carbon disulfide	75-15-0	mg/kg	< 3.2 U	< 2.3 U	
Carbon tetrachloride	56-23-5	mg/kg	< 3.2 U	< 2.3 U	
Chlorobenzene	108-90-7	mg/kg	< 3.2 U	< 2.3 U	
Chloroethane	75-00-3	mg/kg	< 6.4 U	< 4.5 U	
Chloroform	67-66-3	mg/kg	< 3.2 U	< 2.3 U	
Chloromethane	74-87-3	mg/kg	< 6.4 UJ	< 4.5 UJ	
cis-1,2-Dichloroethene	156-59-2	mg/kg	< 3.2 U	< 2.3 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 3.2 U	< 2.3 U	
Dibromochloromethane	124-48-1	mg/kg	< 3.2 U	< 2.3 U	
Dichlorodifluoromethane	75-71-8	mg/kg	< 6.4 UJ	< 4.5 UJ	
Ethyl benzene	100-41-4	mg/kg	< 3.2 U	< 2.3 U	
Methylene chloride	75-09-2	mg/kg	< 3.2 U	0.97 J	
Styrene	100-42-5	mg/kg	< 3.2 U	< 2.3 U	
Tetrachloroethene	127-18-4	mg/kg	< 3.2 U	< 2.3 U	
Toluene	108-88-3	mg/kg	< 3.2 U	< 2.3 U	
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 3.2 U	< 2.3 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 3.2 U	< 2.3 U	
Trichloroethene	79-01-6	mg/kg	< 3.2 U	< 2.3 U	
Trichlorofluoromethane	75-69-4	mg/kg	< 3.2 U	< 2.3 U	
Vinyl chloride	75-01-4	mg/kg	< 6.4 U	< 4.5 U	
Xylenes	1330-20-7	mg/kg	< 3.2 U	< 2.3 U	
WetChem					
% Solids	%Solid	%	19.4	27.6	

		Site Name	78	78	78
		Location ID	P-78-SD-002	P-78-SD-003	P-78-SD-004
		Sample Date	5/7/1999	4/18/2001	5/22/2001
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	78SD-2(0-1)-128614	78SD-3(0-1)	78SD-4(0-1)
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
Explosives					
Nitrobenzene	98-95-3	mg/kg			
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg			
2,6-Dinitrotoluene	606-20-2	mg/kg			
Metals					
Aluminum	7429-90-5	mg/kg	6174.14		
Antimony	7440-36-0	mg/kg	1.68 J		
Arsenic	7440-38-2	mg/kg	15.03		
Barium	7440-39-3	mg/kg	79.68		
Beryllium	7440-41-7	mg/kg	< 1.32 U		
Cadmium	7440-43-9	mg/kg	2.13		
Calcium	7440-70-2	mg/kg	9472.29		
Chromium	7440-47-3	mg/kg	19.52 J		
Cobalt	7440-48-4	mg/kg	28.23		
Copper	7440-50-8	mg/kg	49.34 J		
Iron	7439-89-6	mg/kg	18153.03		
Lead	7439-92-1	mg/kg	78.62 J		
Magnesium	7439-95-4	mg/kg	5831.13		
Manganese	7439-96-5	mg/kg	199.73		
Mercury	7439-97-6	mg/kg	0.23 J		
Nickel	7440-02-0	mg/kg	20.84		
Potassium	7440-09-7	mg/kg	656.99 J		
Selenium	7782-49-2	mg/kg	< 1.32 U		
Silver	7440-22-4	mg/kg	< 1.32 U		
Sodium	7440-23-5	mg/kg	337.73 J		
Thallium	7440-28-0	mg/kg	< 2.64 U		
Vanadium	7440-62-2	mg/kg	35.35		
Zinc	7440-66-6	mg/kg	300.79		
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		< 2.6 U	< 0.99 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg			
1,2-Dichlorobenzene	95-50-1	mg/kg			
1,3-Dichlorobenzene	541-73-1	mg/kg			
1,4-Dichlorobenzene	106-46-7	mg/kg			
2,4,5-Trichlorophenol	95-95-4	mg/kg			
2,4,6-Trichlorophenol	88-06-2	mg/kg			
2,4-Dichlorophenol	120-83-2	mg/kg			
2,4-Dimethylphenol	105-67-9	mg/kg			
2,4-Dinitrophenol	51-28-5	mg/kg			
2-Chloronaphthalene	91-58-7	mg/kg			
2-Chlorophenol	95-57-8	mg/kg			
2-Methylnaphthalene	91-57-6	mg/kg			
2-Methylphenol	95-48-7	mg/kg			
2-Nitroaniline	88-74-4	mg/kg			
2-Nitrophenol	88-75-5	mg/kg			
3,3'-Dichlorobenzidine	91-94-1	mg/kg			
3-Nitroaniline	99-09-2	mg/kg			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg			
4-Bromophenyl phenyl ether	101-55-3	mg/kg			
4-Chloro-3-methylphenol	59-50-7	mg/kg			
4-Chloroaniline	106-47-8	mg/kg			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg			
4-Methylphenol	106-44-5	mg/kg			
4-Nitroaniline	100-01-6	mg/kg			
4-Nitrophenol	100-02-7	mg/kg			
Acenaphthene	83-32-9	mg/kg			
Acenaphthylene	208-96-8	mg/kg			
Anthracene	120-12-7	mg/kg			
Benz(a)anthracene	56-55-3	mg/kg			
Benzo(a)pyrene	50-32-8	mg/kg			
Benzo(b)fluoranthene	205-99-2	mg/kg			
Benzo(g,h,i)perylene	191-24-2	mg/kg			
Benzo(k)fluoranthene	207-08-9	mg/kg			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg			
bis(2-Chloroethyl)ether	111-44-4	mg/kg			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg			
Butylbenzyl phthalate	85-68-7	mg/kg			
Carbazole	86-74-8	mg/kg			
Chrysene	218-01-9	mg/kg			

		Site Name	78	78	78
		Location ID	P-78-SD-002	P-78-SD-003	P-78-SD-004
		Sample Date	5/7/1999	4/18/2001	5/22/2001
		Depth Interval	0 - 1	0 - 1	0 - 1
		Sample ID	78SD-2(0-1)-128614	78SD-3(0-1)	78SD-4(0-1)
		Sample Matrix	SE	SE	SE
Chemical Name	**CAS No**	**Unit**			
Dibenz(a,h)anthracene	53-70-3	mg/kg			
Dibenzofuran	132-64-9	mg/kg			
Diethylphthalate	84-66-2	mg/kg			
Dimethylphthalate	131-11-3	mg/kg			
di-n-Butylphthalate	84-74-2	mg/kg			
di-n-Octylphthalate	117-84-0	mg/kg			
Fluoranthene	206-44-0	mg/kg			
Fluorene	86-73-7	mg/kg			
Hexachlorobenzene	118-74-1	mg/kg			
Hexachlorobutadiene	87-68-3	mg/kg			
Hexachlorocyclopentadiene	77-47-4	mg/kg			
Hexachloroethane	67-72-1	mg/kg			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg			
Isophorone	78-59-1	mg/kg			
Naphthalene	91-20-3	mg/kg			
n-Nitroso-di-n-propylamine	621-64-7	mg/kg			
n-Nitrosodiphenylamine	86-30-6	mg/kg			
Pentachlorophenol	87-86-5	mg/kg			
Phenanthrene	85-01-8	mg/kg			
Phenol	108-95-2	mg/kg			
Pyrene	129-00-0	mg/kg			
VOC					
1,1,1-Trichloroethane	71-55-6	mg/kg		< 2.6 U	< 0.99 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		< 2.6 U	< 0.99 U
1,1,2-Trichloroethane	79-00-5	mg/kg		< 2.6 U	< 0.99 U
1,1-Dichloroethane	75-34-3	mg/kg		< 2.6 U	< 0.99 U
1,1-Dichloroethene	75-35-4	mg/kg		< 2.6 U	< 0.99 U
1,2-Dichloroethane	107-06-2	mg/kg		< 2.6 U	< 0.99 U
1,2-Dichloropropane	78-87-5	mg/kg		< 2.6 U	< 0.99 U
2-Butanone	78-93-3	mg/kg		< 52 U	< 20 U
2-Hexanone	591-78-6	mg/kg		< 26 U	< 9.9 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 26 U	< 9.9 U
Acetone	67-64-1	mg/kg		< 52 U	< 20 UJ
Acetonitrile	75-05-8	mg/kg		< 100 R	< 40 R
Benzene	71-43-2	mg/kg		< 2.6 U	< 0.99 U
Bromodichloromethane	75-27-4	mg/kg		< 2.6 U	< 0.99 U
Bromoform	75-25-2	mg/kg		< 2.6 U	< 0.99 UJ
Bromomethane	74-83-9	mg/kg		< 5.2 R	< 2 R
Carbon disulfide	75-15-0	mg/kg		< 2.6 U	< 0.99 UJ
Carbon tetrachloride	56-23-5	mg/kg		< 2.6 U	< 0.99 U
Chlorobenzene	108-90-7	mg/kg		< 2.6 U	< 0.99 U
Chloroethane	75-00-3	mg/kg		< 5.2 U	< 2 U
Chloroform	67-66-3	mg/kg		< 2.6 U	< 0.99 U
Chloromethane	74-87-3	mg/kg		< 5.2 UJ	< 2 U
cis-1,2-Dichloroethene	156-59-2	mg/kg		< 2.6 U	< 0.99 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg		< 2.6 U	< 0.99 U
Dibromochloromethane	124-48-1	mg/kg		< 2.6 U	< 0.99 U
Dichlorodifluoromethane	75-71-8	mg/kg		< 5.2 UJ	< 2 U
Ethyl benzene	100-41-4	mg/kg		< 2.6 U	< 0.99 U
Methylene chloride	75-09-2	mg/kg		< 2.6 U	< 0.99 U
Styrene	100-42-5	mg/kg		< 2.6 U	< 0.99 U
Tetrachloroethene	127-18-4	mg/kg		< 2.6 U	< 0.99 U
Toluene	108-88-3	mg/kg		< 2.6 U	< 0.99 U
trans-1,2-Dichloroethene	156-60-5	mg/kg		< 2.6 U	< 0.99 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg		< 2.6 U	< 0.99 U
Trichloroethene	79-01-6	mg/kg		< 2.6 U	< 0.99 U
Trichlorofluoromethane	75-69-4	mg/kg		< 2.6 U	< 0.99 U
Vinyl chloride	75-01-4	mg/kg		< 5.2 U	< 2 U
Xylenes	1330-20-7	mg/kg		< 2.6 U	< 0.99 U
WetChem					
% Solids	%Solid	%		24	63.1

		Site Name	78	78
		Location ID	P-78-SD-005	P-78-SD-006
		Sample Date	5/22/2001	8/23/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	78SD-5(0-1)	78SD-6(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Explosives				
Nitrobenzene	98-95-3	mg/kg		
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg		
2,6-Dinitrotoluene	606-20-2	mg/kg		
Metals				
Aluminum	7429-90-5	mg/kg		
Antimony	7440-36-0	mg/kg		
Arsenic	7440-38-2	mg/kg		
Barium	7440-39-3	mg/kg		
Beryllium	7440-41-7	mg/kg		
Cadmium	7440-43-9	mg/kg		
Calcium	7440-70-2	mg/kg		
Chromium	7440-47-3	mg/kg		
Cobalt	7440-48-4	mg/kg		
Copper	7440-50-8	mg/kg		
Iron	7439-89-6	mg/kg		
Lead	7439-92-1	mg/kg		
Magnesium	7439-95-4	mg/kg		
Manganese	7439-96-5	mg/kg		
Mercury	7439-97-6	mg/kg		
Nickel	7440-02-0	mg/kg		
Potassium	7440-09-7	mg/kg		
Selenium	7782-49-2	mg/kg		
Silver	7440-22-4	mg/kg		
Sodium	7440-23-5	mg/kg		
Thallium	7440-28-0	mg/kg		
Vanadium	7440-62-2	mg/kg		
Zinc	7440-66-6	mg/kg		
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.88 U	< 0.92 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg		
1,2-Dichlorobenzene	95-50-1	mg/kg		
1,3-Dichlorobenzene	541-73-1	mg/kg		
1,4-Dichlorobenzene	106-46-7	mg/kg		
2,4,5-Trichlorophenol	95-95-4	mg/kg		
2,4,6-Trichlorophenol	88-06-2	mg/kg		
2,4-Dichlorophenol	120-83-2	mg/kg		
2,4-Dimethylphenol	105-67-9	mg/kg		
2,4-Dinitrophenol	51-28-5	mg/kg		
2-Chloronaphthalene	91-58-7	mg/kg		
2-Chlorophenol	95-57-8	mg/kg		
2-Methylnaphthalene	91-57-6	mg/kg		
2-Methylphenol	95-48-7	mg/kg		
2-Nitroaniline	88-74-4	mg/kg		
2-Nitrophenol	88-75-5	mg/kg		
3,3'-Dichlorobenzidine	91-94-1	mg/kg		
3-Nitroaniline	99-09-2	mg/kg		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		
4-Bromophenyl phenyl ether	101-55-3	mg/kg		
4-Chloro-3-methylphenol	59-50-7	mg/kg		
4-Chloroaniline	106-47-8	mg/kg		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		
4-Methylphenol	106-44-5	mg/kg		
4-Nitroaniline	100-01-6	mg/kg		
4-Nitrophenol	100-02-7	mg/kg		
Acenaphthene	83-32-9	mg/kg		
Acenaphthylene	208-96-8	mg/kg		
Anthracene	120-12-7	mg/kg		
Benz(a)anthracene	56-55-3	mg/kg		
Benzo(a)pyrene	50-32-8	mg/kg		
Benzo(b)fluoranthene	205-99-2	mg/kg		
Benzo(g,h,i)perylene	191-24-2	mg/kg		
Benzo(k)fluoranthene	207-08-9	mg/kg		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		
bis(2-Chloroethyl)ether	111-44-4	mg/kg		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		
Butylbenzyl phthalate	85-68-7	mg/kg		
Carbazole	86-74-8	mg/kg		
Chrysene	218-01-9	mg/kg		

		Site Name	78	78
		Location ID	P-78-SD-005	P-78-SD-006
		Sample Date	5/22/2001	8/23/2001
		Depth Interval	0 - 1	0 - 1
		Sample ID	78SD-5(0-1)	78SD-6(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
Dibenz(a,h)anthracene	53-70-3	mg/kg		
Dibenzofuran	132-64-9	mg/kg		
Diethylphthalate	84-66-2	mg/kg		
Dimethylphthalate	131-11-3	mg/kg		
di-n-Butylphthalate	84-74-2	mg/kg		
di-n-Octylphthalate	117-84-0	mg/kg		
Fluoranthene	206-44-0	mg/kg		
Fluorene	86-73-7	mg/kg		
Hexachlorobenzene	118-74-1	mg/kg		
Hexachlorobutadiene	87-68-3	mg/kg		
Hexachlorocyclopentadiene	77-47-4	mg/kg		
Hexachloroethane	67-72-1	mg/kg		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		
Isophorone	78-59-1	mg/kg		
Naphthalene	91-20-3	mg/kg		
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		
n-Nitrosodiphenylamine	86-30-6	mg/kg		
Pentachlorophenol	87-86-5	mg/kg		
Phenanthrene	85-01-8	mg/kg		
Phenol	108-95-2	mg/kg		
Pyrene	129-00-0	mg/kg		
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.88 U	< 0.92 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.88 U	< 0.92 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.88 U	< 0.92 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.88 U	< 0.92 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.88 U	< 0.92 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.88 U	< 0.92 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.88 U	< 0.92 U
2-Butanone	78-93-3	mg/kg	< 18 U	0.01 J
2-Hexanone	591-78-6	mg/kg	< 8.8 U	< 0.037 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 8.8 U	< 0.037 U
Acetone	67-64-1	mg/kg	< 18 UJ	0.06 J
Acetonitrile	75-05-8	mg/kg	< 35 R	< 0.18 R
Benzene	71-43-2	mg/kg	< 0.88 U	< 0.92 U
Bromodichloromethane	75-27-4	mg/kg	< 0.88 U	< 0.92 U
Bromoform	75-25-2	mg/kg	< 0.88 UJ	< 0.92 U
Bromomethane	74-83-9	mg/kg	< 1.8 R	< 0.018 UJ
Carbon disulfide	75-15-0	mg/kg	< 0.88 UJ	< 0.92 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.88 U	< 0.92 U
Chlorobenzene	108-90-7	mg/kg	< 0.88 U	< 0.92 U
Chloroethane	75-00-3	mg/kg	< 1.8 U	< 0.018 U
Chloroform	67-66-3	mg/kg	< 0.88 U	< 0.92 U
Chloromethane	74-87-3	mg/kg	< 1.8 U	< 0.018 U
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.36 J	< 0.46 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.88 U	< 0.92 U
Dibromochloromethane	124-48-1	mg/kg	< 0.88 U	< 0.92 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 1.8 U	< 0.018 UJ
Ethyl benzene	100-41-4	mg/kg	< 0.88 U	< 0.92 U
Methylene chloride	75-09-2	mg/kg	< 0.88 U	< 0.92 (U)
Styrene	100-42-5	mg/kg	< 0.88 U	< 0.92 U
Tetrachloroethene	127-18-4	mg/kg	< 0.88 U	< 0.92 U
Toluene	108-88-3	mg/kg	< 0.88 U	< 0.92 U
trans-1,2-Dichloroethene	156-60-5	mg/kg	< 0.88 U	< 0.46 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.88 U	< 0.92 U
Trichloroethene	79-01-6	mg/kg	< 0.88 U	< 0.92 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.88 U	< 0.018 U
Vinyl chloride	75-01-4	mg/kg	< 1.8 U	< 0.018 U
Xylenes	1330-20-7	mg/kg	< 0.88 U	< 0.92 U
WetChem				
% Solids	%Solid	%	70.8	54.2

			Site Name	78	78	78	78	78	78
			Location ID	P-78-SS-001	P-78-SS-002	P-78-SS-003	P-78-SS-004	P-78-SS-005	P-78-SS-006
			Sample Date	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-1(0-1)	78SS-2(0-1)	78SS-3(0-1)	78SS-4(0-1)	78SS-5(0-1)	78SS-6(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
Nitrobenzene	98-95-3	mg/kg	(2)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.108 U	< 0.113 U	< 0.112 U	< 0.112 U	< 0.107 U	< 0.115 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.323 U	< 0.339 U	< 0.335 U	< 0.337 U	< 0.32 U	< 0.344 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.323 U	< 0.339 U	< 0.335 U	< 0.337 U	< 0.32 U	< 0.344 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.399 U	< 1.467 U	< 1.451 U	< 1.459 U	< 1.387 U	< 1.491 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	< 0.108 U	0.13	< 0.112 U	< 0.112 U	1.6	< 0.115 U
2-Methylphenol	95-48-7	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	0.02 J	< 0.161 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.323 U	< 0.339 U	< 0.335 U	< 0.337 U	< 0.32 U	< 0.344 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 0.538 UJ	< 0.564 UJ	< 0.558 UJ	< 0.561 UJ	< 0.534 UJ	< 0.573 UJ
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.323 U	< 0.339 U	< 0.335 U	< 0.337 U	< 0.32 U	< 0.344 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.076 U	< 1.129 U	< 1.116 U	< 1.122 U	< 1.067 U	< 1.147 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.323 UJ	< 0.339 UJ	< 0.335 UJ	< 0.337 UJ	< 0.32 UJ	< 0.344 UJ
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.108 U	< 0.113 U	< 0.112 U	< 0.112 U	< 0.107 U	< 0.115 U
4-Methylphenol	106-44-5	mg/kg	(1)	< 0.151 U#	< 0.158 U#	< 0.156 U#	< 0.157 U#	0.08 J#	< 0.161 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.323 U	< 0.339 U	< 0.335 U	< 0.337 U	< 0.32 U	< 0.344 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 0.538 U	< 0.564 U	< 0.558 U	< 0.561 U	< 0.534 U	< 0.573 U
Acenaphthene	83-32-9	mg/kg	(1)	0.02 J	0.8	0.07	0.08	5.76	0.02 J
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.075 U	0.03 J	< 0.078 U	< 0.079 U	0.08	< 0.08 U
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)	0.04 J	1.24	0.16	0.15	7.9	0.04 J
Benz(a)anthracene	56-55-3	mg/kg	(1)	0.16	2.6	0.6	0.59	14.1 D	0.16
Benzo(a)pyrene	50-32-8	mg/kg	(1)	0.17	2.48	0.55	0.58	10.7	0.17
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	0.23	3.16	0.8	0.83	14.5 D	0.24
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	0.11 J	1.35	0.37	0.39	5.44	0.15 J
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	0.08 J	1.35	0.29	0.33	3.63	0.09 J
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.108 (U)	< 0.113 (U)	< 0.112 (U)	< 0.112 (U)	< 0.107 (U)	< 0.115 (U)
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.108 U	0.28	0.03 J	0.12	1.6	0.03 J
Carbazole	86-74-8	mg/kg	(1)	0.03 J	0.88	0.11	0.13	5.66	0.03 J
Chrysene	218-01-9	mg/kg	(1)	0.2	2.93	0.63	0.71	13.4 D	0.19
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.03 J	0.41	0.09 J	0.11 J	1.71	0.04 J
Dibenzofuran	132-64-9	mg/kg	(1)	< 0.075 U	0.3	0.02 J	0.02 J	2.99	< 0.08 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	< 0.08 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.108 U	< 0.113 U	< 0.112 U	< 0.112 U	< 0.107 U	< 0.115 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.075 U	0.03 J	0.02 J	0.02 J	0.05 J	< 0.08 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)	0.36	5.08	1.12	1.23	23.5 D	0.34
Fluorene	86-73-7	mg/kg	(1)	< 0.075 U	0.56	0.05 J	0.04 J	4.48	< 0.08 U

			Site Name	78	78	78	78	78	78
			Location ID	P-78-SS-001	P-78-SS-002	P-78-SS-003	P-78-SS-004	P-78-SS-005	P-78-SS-006
			Sample Date	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-1(0-1)	78SS-2(0-1)	78SS-3(0-1)	78SS-4(0-1)	78SS-5(0-1)	78SS-6(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.108 U	< 0.113 U	< 0.112 U	< 0.112 U	< 0.107 U	< 0.115 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.076 U	< 1.129 U	< 1.116 U	< 1.122 U	< 1.067 U	< 1.147 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.108 U	< 0.113 U	< 0.112 U	< 0.112 U	< 0.107 U	< 0.115 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.12 J	1.58	0.41	0.43	6.51	0.13 J
Isophorone	78-59-1	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
Naphthalene	91-20-3	mg/kg	(1)	< 0.075 U	0.22	< 0.078 U	< 0.079 U	3.2	< 0.08 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.108 U	< 0.113 U	< 0.112 U	< 0.112 U	< 0.107 U	< 0.115 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.075 U	< 0.079 U	< 0.078 U	< 0.079 U	< 0.075 U	0.1
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.538 U	< 0.564 U	< 0.558 U	< 0.561 U	< 0.534 U	< 0.573 U
Phenanthrene	85-01-8	mg/kg	(1)	0.22	4.29	0.67	0.71	18.1 D	0.2
Phenol	108-95-2	mg/kg	(1)	< 0.151 U	< 0.158 U	< 0.156 U	< 0.157 U	< 0.149 U	< 0.161 U
Pyrene	129-00-0	mg/kg	(1)	0.31	4.74	1.02	1.07	21.3 D	0.31
TPH									
Diesel Range Organics	DRO	mg/kg	(1)						
Gasoline range organics	GRO	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Solids	%Solid	%	(1)						

Chemical Name	CAS No	Unit	Site Name	78	78	78	78	78	78
			Location ID	P-78-SS-007	P-78-SS-008	P-78-SS-009	P-78-SS-010A	P-78-SS-011	P-78-SS-011
			Sample Date	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-7(0-1)	78SS-8(0-1)	78SS-9(0-1)	78SS-10(0-1)	78SS-11DUP(0-1)	78SS-11(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
			ValueNo						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
Nitrobenzene	98-95-3	mg/kg	(2)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)	< 0.107 U	< 0.115 U	< 0.11 U	< 0.11 U	< 0.113 U	< 0.114 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)	< 0.322 U	< 0.346 U	< 0.33 U	< 0.329 U	< 0.339 U	< 0.342 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)	< 0.322 U	< 0.346 U	< 0.33 U	< 0.329 U	< 0.339 U	< 0.342 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)	0.02 J	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)	< 1.395 U	< 1.499 U	< 1.429 U	< 1.427 U	< 1.471 U	< 1.484 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
2-Chlorophenol	95-57-8	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)	1.39	0.36	0.14	0.05 J	< 0.113 U	< 0.114 U
2-Methylphenol	95-48-7	mg/kg	(1)	0.02 J	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
2-Nitroaniline	88-74-4	mg/kg	(1)	< 0.322 U	< 0.346 U	< 0.33 U	< 0.329 U	< 0.339 U	< 0.342 U
2-Nitrophenol	88-75-5	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)	< 0.536 U	< 0.577 UJ	< 0.549 UJ	< 0.549 UJ	< 0.566 UJ	< 0.571 UJ
3-Nitroaniline	99-09-2	mg/kg	(1)	< 0.322 U	< 0.346 U	< 0.33 U	< 0.329 U	< 0.339 U	< 0.342 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)	< 1.073 U	< 1.153 U	< 1.099 U	< 1.098 U	< 1.131 U	< 1.142 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
4-Chloroaniline	106-47-8	mg/kg	(1)	< 0.322 U	< 0.346 UJ	< 0.33 UJ	< 0.329 UJ	< 0.339 UJ	< 0.342 UJ
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)	< 0.107 U	< 0.115 U	< 0.11 U	< 0.11 U	< 0.113 U	< 0.114 U
4-Methylphenol	106-44-5	mg/kg	(1)	0.07 J#	< 0.161 U#	< 0.154 U#	< 0.154 U#	< 0.158 U#	< 0.16 U#
4-Nitroaniline	100-01-6	mg/kg	(1)	< 0.322 U	< 0.346 U	< 0.33 U	< 0.329 U	< 0.339 U	< 0.342 U
4-Nitrophenol	100-02-7	mg/kg	(1)	< 0.536 U	< 0.577 U	< 0.549 U	< 0.549 U	< 0.566 U	< 0.571 U
Acenaphthene	83-32-9	mg/kg	(1)	4.18	1	0.59	0.25	0.04 J	0.04 J
Acenaphthylene	208-96-8	mg/kg	(1)	0.1	0.04 J	0.09	0.05 J	0.02 J	0.03 J
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)	5.47	1.14	1.01	0.42	0.09	0.1
Benz(a)anthracene	56-55-3	mg/kg	(1)	11.6 D	2.54	1.98	1.1	0.38	0.46
Benzo(a)pyrene	50-32-8	mg/kg	(1)	8.69	2.42	1.87	1.1	0.39	0.49
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	11.6 D	3.34	2.75	1.54	0.63	0.76
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	4.72	1.38	1.21	0.75	0.29	0.35
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	3.33	1.13	0.82	0.68	0.2	0.28
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)	< 0.107 (U)	< 0.115 (U)	< 0.11 (U)	< 0.11 (U)	< 0.113 (U)	< 0.114 (U)
Butylbenzyl phthalate	85-68-7	mg/kg	(1)	< 0.107 (U)	0.02 J	< 0.11 U	0.02 J	< 0.113 U	0.02 J
Carbazole	86-74-8	mg/kg	(1)	4.51	1.04	0.68	0.3	0.06 J	0.06 J
Chrysene	218-01-9	mg/kg	(1)	10.7	2.88	2.2	1.32	0.47	0.61
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	1.39	0.41	0.33	0.2	0.09 J	0.09 J
Dibenzofuran	132-64-9	mg/kg	(1)	2.36	0.62	0.29	0.11	< 0.079 U	< 0.08 U
Diethylphthalate	84-66-2	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
Dimethylphthalate	131-11-3	mg/kg	(1)	< 0.107 U	< 0.115 U	< 0.11 U	< 0.11 U	< 0.113 U	< 0.114 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)	< 0.075 U	< 0.081 U	0.02 J	< 0.077 U	< 0.079 U	< 0.08 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)	20 D	5.19	3.96	2.41	0.75	0.93
Fluorene	86-73-7	mg/kg	(1)	3.33	0.86	0.46	0.18	0.03 J	0.03 J

			Site Name	78	78	78	78	78	78
			Location ID	P-78-SS-007	P-78-SS-008	P-78-SS-009	P-78-SS-010A	P-78-SS-011	P-78-SS-011
			Sample Date	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-7(0-1)	78SS-8(0-1)	78SS-9(0-1)	78SS-10(0-1)	78SS-11DUP(0-1)	78SS-11(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.107 U	< 0.115 U	< 0.11 U	< 0.11 U	< 0.113 U	< 0.114 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.073 U	< 1.153 U	< 1.099 U	< 1.098 U	< 1.131 U	< 1.142 U
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.107 U	< 0.115 U	< 0.11 U	< 0.11 U	< 0.113 U	< 0.114 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	5.47	1.61	1.32	0.82	0.3	0.38
Isophorone	78-59-1	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
Naphthalene	91-20-3	mg/kg	(1)	2.68	0.64	0.25	0.08	< 0.079 U	0.02 J
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.107 U	< 0.115 U	< 0.11 U	< 0.11 U	< 0.113 U	< 0.114 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.075 U	< 0.081 U	< 0.077 U	< 0.077 U	< 0.079 U	< 0.08 U
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.536 U	< 0.577 U	< 0.549 U	< 0.549 U	< 0.566 U	< 0.571 U
Phenanthrene	85-01-8	mg/kg	(1)	18.9 D	5.54	3.41	1.65	0.37	0.41
Phenol	108-95-2	mg/kg	(1)	< 0.15 U	< 0.161 U	< 0.154 U	< 0.154 U	< 0.158 U	< 0.16 U
Pyrene	129-00-0	mg/kg	(1)	18.5 D	4.96	3.52	2.09	0.67	0.86
TPH									
Diesel Range Organics	DRO	mg/kg	(1)						
Gasoline range organics	GRO	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Solids	%Solid	%	(1)						

Chemical Name	CAS No	Unit	Sample Matrix	Value	No	Site Name	78	78	78	78	78	78
						Location ID	P-78-SS-012	P-78-SS-013	P-78-SS-014	P-78-SS-015	P-78-SS-015	P-78-SS-016
						Sample Date	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998	1/3/2000
						Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
						Sample ID	78SS-12(0-1)	78SS-13(0-1)	78SS-14(0-1)	78SS-15DUP(0-1)	78SS-15(0-1)	78SS-16(0-1)
			SO				SO	SO	SO	SO	SO	SO
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg		(1)					< 0.108 U	< 0.102 U	< 0.101 U	
1,3-Dinitrobenzene	99-65-0	mg/kg		(1)					< 0.108 U	< 0.102 U	< 0.101 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg		(1)					< 0.108 U	< 0.102 U	< 0.101 U	
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg		(1)					< 0.108 U	< 0.102 U	< 0.101 U	
2-Nitrotoluene	88-72-2	mg/kg		(1)					< 0.216 U	< 0.204 U	< 0.202 U	
3-Nitrotoluene	99-08-1	mg/kg		(1)					< 0.216 U	< 0.204 U	< 0.202 U	
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg		(1)					< 0.108 U	< 0.102 U	< 0.101 U	
4-Nitrotoluene	99-99-0	mg/kg		(1)					< 0.216 U	< 0.204 U	< 0.202 U	
HMX	2691-41-0	mg/kg		(1)					< 0.216 U	< 0.204 U	< 0.202 U	
Nitrobenzene	98-95-3	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.108 U	< 0.09 U	< 0.101 U	
Nitrobenzene	98-95-3	mg/kg		(2)					< 0.102 U	< 0.102 U	< 0.093 U	
RDX	121-82-4	mg/kg		(1)					< 0.216 U	< 0.204 U	< 0.202 U	
Tetryl	479-45-8	mg/kg		(1)					< 0.216 UJ	< 0.204 UJ	< 0.202 UJ	
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.102 U	< 0.101 U	
2,4-Dinitrotoluene	121-14-2	mg/kg		(2)					< 0.108 U	< 0.181 U	< 0.186 U	
2,6-Dinitrotoluene	606-20-2	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.108 U	< 0.102 U	< 0.186 U	
2,6-Dinitrotoluene	606-20-2	mg/kg		(2)					< 0.204 U	< 0.181 U	< 0.101 U	
SVOC												
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		(1)								
1,2,4-Trichlorobenzene	120-82-1	mg/kg		(1)			< 0.113 U	< 0.111 U	< 0.146 U	< 0.129 U	< 0.133 U	
1,2-Dichlorobenzene	95-50-1	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
1,3-Dichlorobenzene	541-73-1	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
1,4-Dichlorobenzene	106-46-7	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg		(1)			< 0.34 U	< 0.334 U	< 0.437 U	< 0.388 U	< 0.398 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg		(1)			< 0.34 U	< 0.334 U	< 0.437 U	< 0.388 U	< 0.398 U	
2,4-Dichlorophenol	120-83-2	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
2,4-Dimethylphenol	105-67-9	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
2,4-Dinitrophenol	51-28-5	mg/kg		(1)			< 1.474 U	< 1.449 U	< 1.895 U	< 1.68 U	< 1.724 U	
2-Chloronaphthalene	91-58-7	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
2-Chlorophenol	95-57-8	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
2-Methylnaphthalene	91-57-6	mg/kg		(1)			0.04 J	0.05 J	< 0.146 U	< 0.129 U	< 0.133 U	
2-Methylphenol	95-48-7	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
2-Nitroaniline	88-74-4	mg/kg		(1)			< 0.34 U	< 0.334 U	< 0.437 U	< 0.388 U	< 0.398 U	
2-Nitrophenol	88-75-5	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg		(1)			< 0.567 UJ	< 0.557 UJ	< 0.729 UJ	< 0.646 UJ	< 0.663 UJ	
3-Nitroaniline	99-09-2	mg/kg		(1)			< 0.34 U	< 0.334 U	< 0.437 U	< 0.388 U	< 0.398 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		(1)			< 1.134 U	< 1.115 U	< 1.458 U	< 1.292 U	< 1.326 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
4-Chloroaniline	106-47-8	mg/kg		(1)			< 0.34 UJ	< 0.334 UJ	< 0.437 UJ	< 0.388 UJ	< 0.398 UJ	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		(1)			< 0.113 U	< 0.111 U	< 0.146 U	< 0.129 U	< 0.133 U	
4-Methylphenol	106-44-5	mg/kg		(1)			< 0.159 U#	< 0.156 U#	< 0.204 U#	< 0.181 U#	< 0.186 U#	
4-Nitroaniline	100-01-6	mg/kg		(1)			< 0.34 U	< 0.334 U	< 0.437 U	< 0.388 U	< 0.398 U	
4-Nitrophenol	100-02-7	mg/kg		(1)			< 0.567 U	< 0.557 U	< 0.729 U	< 0.646 U	< 0.663 U	
Acenaphthene	83-32-9	mg/kg		(1)			0.1	0.26	< 0.102 U	< 0.09 U	< 0.093 U	0.25 J
Acenaphthylene	208-96-8	mg/kg		(1)			0.08	0.08	< 0.102 U	< 0.09 U	< 0.093 U	< 0.36 U
Aniline	62-53-3	mg/kg		(1)								
Anthracene	120-12-7	mg/kg		(1)			0.23	0.49	< 0.102 U	< 0.09 U	< 0.093 U	0.35 J
Benz(a)anthracene	56-55-3	mg/kg		(1)			0.96	1.45	0.17	< 0.129 U	< 0.133 U	0.93
Benzo(a)pyrene	50-32-8	mg/kg		(1)			0.9	1.45	0.17 J	< 0.181 U	< 0.186 U	0.86
Benzo(b)fluoranthene	205-99-2	mg/kg		(1)			1.47	2.01	0.26	< 0.129 U	< 0.133 U	1.1
Benzo(g,h,i)perylene	191-24-2	mg/kg		(1)			0.66	0.95	0.11 J	< 0.207 U	< 0.212 U	0.42
Benzo(k)fluoranthene	207-08-9	mg/kg		(1)			0.61	0.84	0.1 J	< 0.129 U	< 0.133 U	0.42
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		(1)			< 0.113 (U)	< 0.111 (U)	< 0.146 (U)	< 0.129 U	< 0.133 U	
Butylbenzyl phthalate	85-68-7	mg/kg		(1)			< 0.113 U	0.03 J	< 0.146 U	< 0.129 U	< 0.133 U	
Carbazole	86-74-8	mg/kg		(1)			0.18	0.34	< 0.146 U	< 0.129 U	< 0.133 U	
Chrysene	218-01-9	mg/kg		(1)			1.1	1.67	0.21	< 0.129 U	< 0.133 U	0.94
Dibenz(a,h)anthracene	53-70-3	mg/kg		(1)			0.18	0.26	0.03 J	< 0.207 U	< 0.212 U	0.12 J
Dibenzofuran	132-64-9	mg/kg		(1)			0.05 J	0.1	< 0.102 U	< 0.09 U	< 0.093 U	
Diethylphthalate	84-66-2	mg/kg		(1)			< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
Dimethylphthalate	131-11-3	mg/kg		(1)			< 0.113 U	< 0.111 U	< 0.146 U	< 0.129 U	< 0.133 U	
di-n-Butylphthalate	84-74-2	mg/kg		(1)			4.31	0.03 J	0.03 J	< 0.09 U	< 0.093 U	
di-n-Octylphthalate	117-84-0	mg/kg		(1)			< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
Diphenylamine	122-39-4	mg/kg		(1)								
Fluoranthene	206-44-0	mg/kg		(1)			2.04	2.9	0.4	< 0.09 U	< 0.093 U	2.1
Fluorene	86-73-7	mg/kg		(1)			0.07 J	0.2	< 0.102 U	< 0.09 U	< 0.093 U	0.16 J

			Site Name	78	78	78	78	78	78
			Location ID	P-78-SS-012	P-78-SS-013	P-78-SS-014	P-78-SS-015	P-78-SS-015	P-78-SS-016
			Sample Date	11/16/1998	11/16/1998	11/16/1998	11/16/1998	11/16/1998	1/3/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-12(0-1)	78SS-13(0-1)	78SS-14(0-1)	78SS-15DUP(0-1)	78SS-15(0-1)	78SS-16(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**						
Hexachlorobenzene	118-74-1	mg/kg	(1)	< 0.113 U	< 0.111 U	< 0.146 U	< 0.129 U	< 0.133 U	
Hexachlorobutadiene	87-68-3	mg/kg	(1)	< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)	< 1.134 U	< 1.115 U	< 1.458 U	< 1.292 U	< 1.326 U	
Hexachloroethane	67-72-1	mg/kg	(1)	< 0.113 U	< 0.111 U	< 0.146 U	< 0.129 U	< 0.133 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	0.76	1.05	0.12 J	< 0.207 U	< 0.212 U	0.5
Isophorone	78-59-1	mg/kg	(1)	< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
Naphthalene	91-20-3	mg/kg	(1)	0.06 J	0.08	< 0.102 U	< 0.09 U	< 0.093 U	0.06 J
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)	< 0.113 U	< 0.111 U	< 0.146 U	< 0.129 U	< 0.133 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)	< 0.079 U	< 0.078 U	< 0.102 U	< 0.09 U	< 0.093 U	
Pentachlorophenol	87-86-5	mg/kg	(1)	< 0.567 U	< 0.557 U	< 0.729 U	< 0.646 U	< 0.663 U	
Phenanthrene	85-01-8	mg/kg	(1)	0.97	1.9	0.14	< 0.09 U	< 0.093 U	1.6
Phenol	108-95-2	mg/kg	(1)	< 0.159 U	< 0.156 U	< 0.204 U	< 0.181 U	< 0.186 U	
Pyrene	129-00-0	mg/kg	(1)	1.81	2.56	0.32	< 0.09 U	< 0.093 U	1.7
TPH									
Diesel Range Organics	DRO	mg/kg	(1)						
Gasoline range organics	GRO	mg/kg	(1)						
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	(1)						
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)						
1,1-Dichloroethane	75-34-3	mg/kg	(1)						
1,1-Dichloroethene	75-35-4	mg/kg	(1)						
1,2-Dichloroethane	107-06-2	mg/kg	(1)						
1,2-Dichloropropane	78-87-5	mg/kg	(1)						
2-Butanone	78-93-3	mg/kg	(1)						
2-Hexanone	591-78-6	mg/kg	(1)						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)						
Acetone	67-64-1	mg/kg	(1)						
Acetonitrile	75-05-8	mg/kg	(1)						
Benzene	71-43-2	mg/kg	(1)						
Bromodichloromethane	75-27-4	mg/kg	(1)						
Bromoform	75-25-2	mg/kg	(1)						
Bromomethane	74-83-9	mg/kg	(1)						
Carbon disulfide	75-15-0	mg/kg	(1)						
Carbon tetrachloride	56-23-5	mg/kg	(1)						
Chlorobenzene	108-90-7	mg/kg	(1)						
Chloroethane	75-00-3	mg/kg	(1)						
Chloroform	67-66-3	mg/kg	(1)						
Chloromethane	74-87-3	mg/kg	(1)						
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)						
Dibromochloromethane	124-48-1	mg/kg	(1)						
Dichlorodifluoromethane	75-71-8	mg/kg	(1)						
Ethyl benzene	100-41-4	mg/kg	(1)						
Methylene chloride	75-09-2	mg/kg	(1)						
Styrene	100-42-5	mg/kg	(1)						
Tetrachloroethene	127-18-4	mg/kg	(1)						
Toluene	108-88-3	mg/kg	(1)						
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)						
Trichloroethene	79-01-6	mg/kg	(1)						
Trichlorofluoromethane	75-69-4	mg/kg	(1)						
Vinyl chloride	75-01-4	mg/kg	(1)						
Xylenes	1330-20-7	mg/kg	(1)						
WetChem									
% Solids	%Solid	%	(1)						

			Site Name	78	78	78	78	78
			Location ID	P-78-SS-017	P-78-SS-018	P-78-SS-018	P-78-SS-019	P-78-SS-020
			Sample Date	1/3/2000	1/3/2000	1/3/2000	1/3/2000	1/3/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-17(0-1)	78SS-18DUP(0-1)	78SS-18(0-1)	78SS-19(0-1)	78SS-20(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)					
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)					
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)					
2-Nitrotoluene	88-72-2	mg/kg	(1)					
3-Nitrotoluene	99-08-1	mg/kg	(1)					
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)					
4-Nitrotoluene	99-99-0	mg/kg	(1)					
HMX	2691-41-0	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(1)					
Nitrobenzene	98-95-3	mg/kg	(2)					
RDX	121-82-4	mg/kg	(1)					
Tetryl	479-45-8	mg/kg	(1)					
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)					
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)					
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)					
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)					
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)					
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)					
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)					
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)					
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)					
2,4-Dichlorophenol	120-83-2	mg/kg	(1)					
2,4-Dimethylphenol	105-67-9	mg/kg	(1)					
2,4-Dinitrophenol	51-28-5	mg/kg	(1)					
2-Chloronaphthalene	91-58-7	mg/kg	(1)					
2-Chlorophenol	95-57-8	mg/kg	(1)					
2-Methylnaphthalene	91-57-6	mg/kg	(1)					
2-Methylphenol	95-48-7	mg/kg	(1)					
2-Nitroaniline	88-74-4	mg/kg	(1)					
2-Nitrophenol	88-75-5	mg/kg	(1)					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)					
3-Nitroaniline	99-09-2	mg/kg	(1)					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)					
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)					
4-Chloroaniline	106-47-8	mg/kg	(1)					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)					
4-Methylphenol	106-44-5	mg/kg	(1)					
4-Nitroaniline	100-01-6	mg/kg	(1)					
4-Nitrophenol	100-02-7	mg/kg	(1)					
Acenaphthene	83-32-9	mg/kg	(1)	0.74 JD	0.19 J	0.13 J	< 0.36 U	0.18 J
Acenaphthylene	208-96-8	mg/kg	(1)	< 0.92 UD	< 0.36 U	< 0.36 U	< 0.36 U	< 0.37 U
Aniline	62-53-3	mg/kg	(1)					
Anthracene	120-12-7	mg/kg	(1)	1.1 D	0.26 J	0.18 J	< 0.36 U	0.46
Benz(a)anthracene	56-55-3	mg/kg	(1)	2.7 D	0.71	0.57	0.05 J	1.6
Benzo(a)pyrene	50-32-8	mg/kg	(1)	2.3 D	0.7	0.59	0.06 J	1.5
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)	3 D	1	0.82	0.09 J	1.8
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)	1.1 D	0.39	0.31 J	0.04 J	0.67
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)	1.2 D	0.35 J	0.34 J	< 0.36 U	0.67
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)					
Butylbenzyl phthalate	85-68-7	mg/kg	(1)					
Carbazole	86-74-8	mg/kg	(1)					
Chrysene	218-01-9	mg/kg	(1)	2.7 D	0.78	0.63	0.06 J	1.6
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)	0.28 JD	0.11 J	0.08 J	< 0.36 U	0.22 J
Dibenzofuran	132-64-9	mg/kg	(1)					
Diethylphthalate	84-66-2	mg/kg	(1)					
Dimethylphthalate	131-11-3	mg/kg	(1)					
di-n-Butylphthalate	84-74-2	mg/kg	(1)					
di-n-Octylphthalate	117-84-0	mg/kg	(1)					
Diphenylamine	122-39-4	mg/kg	(1)					
Fluoranthene	206-44-0	mg/kg	(1)	5.8 D	1.5	1.2	0.1 J	3.2
Fluorene	86-73-7	mg/kg	(1)	0.53 JD	0.13 J	0.08 J	< 0.36 U	0.19 J

			Site Name	78	78	78	78	78
			Location ID	P-78-SS-017	P-78-SS-018	P-78-SS-018	P-78-SS-019	P-78-SS-020
			Sample Date	1/3/2000	1/3/2000	1/3/2000	1/3/2000	1/3/2000
			Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	78SS-17(0-1)	78SS-18DUP(0-1)	78SS-18(0-1)	78SS-19(0-1)	78SS-20(0-1)
			Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**					
Hexachlorobenzene	118-74-1	mg/kg	(1)					
Hexachlorobutadiene	87-68-3	mg/kg	(1)					
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)					
Hexachloroethane	67-72-1	mg/kg	(1)					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)	1.3 D	0.46	0.39	< 0.36 U	0.84
Isophorone	78-59-1	mg/kg	(1)					
Naphthalene	91-20-3	mg/kg	(1)	0.27 JD	0.05 J	< 0.36 U	< 0.36 U	< 0.37 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)					
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)					
Pentachlorophenol	87-86-5	mg/kg	(1)					
Phenanthrene	85-01-8	mg/kg	(1)	4.9 D	1.2	0.89	0.04 J	1.7
Phenol	108-95-2	mg/kg	(1)					
Pyrene	129-00-0	mg/kg	(1)	4.8 D	1.2	0.98	0.09 J	3
TPH								
Diesel Range Organics	DRO	mg/kg	(1)					
Gasoline range organics	GRO	mg/kg	(1)					
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)					
1,1,2-Trichloro-1,2,2-trifluoroethan	76-13-1	mg/kg	(1)					
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)					
1,1-Dichloroethane	75-34-3	mg/kg	(1)					
1,1-Dichloroethene	75-35-4	mg/kg	(1)					
1,2-Dichloroethane	107-06-2	mg/kg	(1)					
1,2-Dichloropropane	78-87-5	mg/kg	(1)					
2-Butanone	78-93-3	mg/kg	(1)					
2-Hexanone	591-78-6	mg/kg	(1)					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)					
Acetone	67-64-1	mg/kg	(1)					
Acetonitrile	75-05-8	mg/kg	(1)					
Benzene	71-43-2	mg/kg	(1)					
Bromodichloromethane	75-27-4	mg/kg	(1)					
Bromoform	75-25-2	mg/kg	(1)					
Bromomethane	74-83-9	mg/kg	(1)					
Carbon disulfide	75-15-0	mg/kg	(1)					
Carbon tetrachloride	56-23-5	mg/kg	(1)					
Chlorobenzene	108-90-7	mg/kg	(1)					
Chloroethane	75-00-3	mg/kg	(1)					
Chloroform	67-66-3	mg/kg	(1)					
Chloromethane	74-87-3	mg/kg	(1)					
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)					
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)					
Dibromochloromethane	124-48-1	mg/kg	(1)					
Dichlorodifluoromethane	75-71-8	mg/kg	(1)					
Ethyl benzene	100-41-4	mg/kg	(1)					
Methylene chloride	75-09-2	mg/kg	(1)					
Styrene	100-42-5	mg/kg	(1)					
Tetrachloroethene	127-18-4	mg/kg	(1)					
Toluene	108-88-3	mg/kg	(1)					
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)					
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)					
Trichloroethene	79-01-6	mg/kg	(1)					
Trichlorofluoromethane	75-69-4	mg/kg	(1)					
Vinyl chloride	75-01-4	mg/kg	(1)					
Xylenes	1330-20-7	mg/kg	(1)					
WetChem								
% Solids	%Solid	%	(1)					

Chemical Name	CAS No	Unit	Value	No	Site Name	78	78	78	78
					Location ID	P-78-SS-021	P-78-SS-021	P-78-SS-021	P-78-SS-022
					Sample Date	3/11/2003	3/11/2003	3/11/2003	3/11/2003
					Depth Interval	.5 - 1	.5 - 1	2 - 3	.5 - 1
					Sample ID	78SS-21ADUP(0.5-1)	78SS-21A(0.5-1)	78SS-21B(2-3)	78SS-22ADUP(0.5-1)
					Sample Matrix	SO	SO	SO	SO
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)						
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)						
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)						
2-Nitrotoluene	88-72-2	mg/kg	(1)						
3-Nitrotoluene	99-08-1	mg/kg	(1)						
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)						
4-Nitrotoluene	99-99-0	mg/kg	(1)						
HMX	2691-41-0	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(1)						
Nitrobenzene	98-95-3	mg/kg	(2)						
RDX	121-82-4	mg/kg	(1)						
Tetryl	479-45-8	mg/kg	(1)						
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)						
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)						
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)						
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)				< 0.76 UD	< 1.1 UD	< 1.5 UD
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)						
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)						
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)						
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)						
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)						
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)						
2,4-Dichlorophenol	120-83-2	mg/kg	(1)						
2,4-Dimethylphenol	105-67-9	mg/kg	(1)						
2,4-Dinitrophenol	51-28-5	mg/kg	(1)						
2-Chloronaphthalene	91-58-7	mg/kg	(1)						
2-Chlorophenol	95-57-8	mg/kg	(1)						
2-Methylnaphthalene	91-57-6	mg/kg	(1)						
2-Methylphenol	95-48-7	mg/kg	(1)						
2-Nitroaniline	88-74-4	mg/kg	(1)						
2-Nitrophenol	88-75-5	mg/kg	(1)						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)						
3-Nitroaniline	99-09-2	mg/kg	(1)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)						
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)						
4-Chloroaniline	106-47-8	mg/kg	(1)						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)						
4-Methylphenol	106-44-5	mg/kg	(1)						
4-Nitroaniline	100-01-6	mg/kg	(1)						
4-Nitrophenol	100-02-7	mg/kg	(1)						
Acenaphthene	83-32-9	mg/kg	(1)						
Acenaphthylene	208-96-8	mg/kg	(1)						
Aniline	62-53-3	mg/kg	(1)						
Anthracene	120-12-7	mg/kg	(1)						
Benz(a)anthracene	56-55-3	mg/kg	(1)						
Benzo(a)pyrene	50-32-8	mg/kg	(1)						
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)						
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)						
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)						
Butylbenzyl phthalate	85-68-7	mg/kg	(1)						
Carbazole	86-74-8	mg/kg	(1)						
Chrysene	218-01-9	mg/kg	(1)						
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)						
Dibenzofuran	132-64-9	mg/kg	(1)						
Diethylphthalate	84-66-2	mg/kg	(1)						
Dimethylphthalate	131-11-3	mg/kg	(1)						
di-n-Butylphthalate	84-74-2	mg/kg	(1)						
di-n-Octylphthalate	117-84-0	mg/kg	(1)						
Diphenylamine	122-39-4	mg/kg	(1)						
Fluoranthene	206-44-0	mg/kg	(1)						
Fluorene	86-73-7	mg/kg	(1)						

			Site Name	78	78	78	78
			Location ID	P-78-SS-021	P-78-SS-021	P-78-SS-021	P-78-SS-022
			Sample Date	3/11/2003	3/11/2003	3/11/2003	3/11/2003
			Depth Interval	.5 - 1	.5 - 1	2 - 3	.5 - 1
			Sample ID	78SS-21ADUP(0.5-1)	78SS-21A(0.5-1)	78SS-21B(2-3)	78SS-22ADUP(0.5-1)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Hexachlorobenzene	118-74-1	mg/kg	(1)				
Hexachlorobutadiene	87-68-3	mg/kg	(1)				
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)				
Hexachloroethane	67-72-1	mg/kg	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)				
Isophorone	78-59-1	mg/kg	(1)				
Naphthalene	91-20-3	mg/kg	(1)				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)				
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)				
Pentachlorophenol	87-86-5	mg/kg	(1)				
Phenanthrene	85-01-8	mg/kg	(1)				
Phenol	108-95-2	mg/kg	(1)				
Pyrene	129-00-0	mg/kg	(1)				
TPH							
Diesel Range Organics	DRO	mg/kg	(1)				
Gasoline range organics	GRO	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
1,1,2-Trichloro-1,2,2-trifluoroethan	76-13-1	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
2-Butanone	78-93-3	mg/kg	(1)		0.08 JD	0.14 JD	< 30 UD
2-Hexanone	591-78-6	mg/kg	(1)		< 7.6 UD	< 11 UD	< 15 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 7.6 UD	< 11 UD	< 15 UD
Acetone	67-64-1	mg/kg	(1)		0.13 JD	< 21 UD	< 30 UJD
Acetonitrile	75-05-8	mg/kg	(1)		< 30 R	< 43 R	< 60 R
Benzene	71-43-2	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Bromoform	75-25-2	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Bromomethane	74-83-9	mg/kg	(1)		< 1.5 UD	< 2.1 UD	< 3 UD
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Chloroethane	75-00-3	mg/kg	(1)		< 1.5 UD	< 2.1 UD	< 3 UD
Chloroform	67-66-3	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Chloromethane	74-87-3	mg/kg	(1)		< 1.5 UD	< 2.1 UD	< 3 UD
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 1.5 UD	< 2.1 UD	< 3 UD
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Methylene chloride	75-09-2	mg/kg	(1)		< 0.76 (U)	< 1.1 (U)	< 1.5 (U)D
Styrene	100-42-5	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Toluene	108-88-3	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Trichloroethene	79-01-6	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
Vinyl chloride	75-01-4	mg/kg	(1)		< 1.5 UD	< 2.1 UD	< 3 UD
Xylenes	1330-20-7	mg/kg	(1)		< 0.76 UD	< 1.1 UD	< 1.5 UD
WetChem							
% Solids	%Solid	%	(1)	74.1	68.9	49.3	35.3

			Site Name	78	78	78	78
			Location ID	P-78-SS-022	P-78-SS-022	P-78-SS-023	P-78-SS-023
			Sample Date	3/11/2003	3/11/2003	3/11/2003	3/11/2003
			Depth Interval	.5 - 1	2.5 - 3.5	.5 - 1	1.5 - 2.5
			Sample ID	78SS-22A(0.5-1)	78SS-22B(2.5-3.5)	78SS-23A(0.5-1)	78SS-23B(1.5-2.5)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)				
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)				
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)				
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)				
2-Nitrotoluene	88-72-2	mg/kg	(1)				
3-Nitrotoluene	99-08-1	mg/kg	(1)				
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)				
4-Nitrotoluene	99-99-0	mg/kg	(1)				
HMX	2691-41-0	mg/kg	(1)				
Nitrobenzene	98-95-3	mg/kg	(1)				
Nitrobenzene	98-95-3	mg/kg	(2)				
RDX	121-82-4	mg/kg	(1)				
Tetryl	479-45-8	mg/kg	(1)				
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)				
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)				
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)				
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)				
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)				
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)				
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)				
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)				
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)				
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)				
2,4-Dichlorophenol	120-83-2	mg/kg	(1)				
2,4-Dimethylphenol	105-67-9	mg/kg	(1)				
2,4-Dinitrophenol	51-28-5	mg/kg	(1)				
2-Chloronaphthalene	91-58-7	mg/kg	(1)				
2-Chlorophenol	95-57-8	mg/kg	(1)				
2-Methylnaphthalene	91-57-6	mg/kg	(1)				
2-Methylphenol	95-48-7	mg/kg	(1)				
2-Nitroaniline	88-74-4	mg/kg	(1)				
2-Nitrophenol	88-75-5	mg/kg	(1)				
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)				
3-Nitroaniline	99-09-2	mg/kg	(1)				
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)				
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)				
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)				
4-Chloroaniline	106-47-8	mg/kg	(1)				
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)				
4-Methylphenol	106-44-5	mg/kg	(1)				
4-Nitroaniline	100-01-6	mg/kg	(1)				
4-Nitrophenol	100-02-7	mg/kg	(1)				
Acenaphthene	83-32-9	mg/kg	(1)				
Acenaphthylene	208-96-8	mg/kg	(1)				
Aniline	62-53-3	mg/kg	(1)				
Anthracene	120-12-7	mg/kg	(1)				
Benz(a)anthracene	56-55-3	mg/kg	(1)				
Benzo(a)pyrene	50-32-8	mg/kg	(1)				
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)				
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)				
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)				
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)				
Butylbenzyl phthalate	85-68-7	mg/kg	(1)				
Carbazole	86-74-8	mg/kg	(1)				
Chrysene	218-01-9	mg/kg	(1)				
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)				
Dibenzofuran	132-64-9	mg/kg	(1)				
Diethylphthalate	84-66-2	mg/kg	(1)				
Dimethylphthalate	131-11-3	mg/kg	(1)				
di-n-Butylphthalate	84-74-2	mg/kg	(1)				
di-n-Octylphthalate	117-84-0	mg/kg	(1)				
Diphenylamine	122-39-4	mg/kg	(1)				
Fluoranthene	206-44-0	mg/kg	(1)				
Fluorene	86-73-7	mg/kg	(1)				

			Site Name	78	78	78	78
			Location ID	P-78-SS-022	P-78-SS-022	P-78-SS-023	P-78-SS-023
			Sample Date	3/11/2003	3/11/2003	3/11/2003	3/11/2003
			Depth Interval	.5 - 1	2.5 - 3.5	.5 - 1	1.5 - 2.5
			Sample ID	78SS-22A(0.5-1)	78SS-22B(2.5-3.5)	78SS-23A(0.5-1)	78SS-23B(1.5-2.5)
			Sample Matrix	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**				
Hexachlorobenzene	118-74-1	mg/kg	(1)				
Hexachlorobutadiene	87-68-3	mg/kg	(1)				
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)				
Hexachloroethane	67-72-1	mg/kg	(1)				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)				
Isophorone	78-59-1	mg/kg	(1)				
Naphthalene	91-20-3	mg/kg	(1)				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)				
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)				
Pentachlorophenol	87-86-5	mg/kg	(1)				
Phenanthrene	85-01-8	mg/kg	(1)				
Phenol	108-95-2	mg/kg	(1)				
Pyrene	129-00-0	mg/kg	(1)				
TPH							
Diesel Range Organics	DRO	mg/kg	(1)				
Gasoline range organics	GRO	mg/kg	(1)				
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,1,2-Trichloro-1,2,2-trifluoroethan	76-13-1	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,1-Dichloroethane	75-34-3	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,1-Dichloroethene	75-35-4	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,2-Dichloroethane	107-06-2	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
1,2-Dichloropropane	78-87-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
2-Butanone	78-93-3	mg/kg	(1)	< 30 UD	< 13 UD	< 28 UD	< 12 UD
2-Hexanone	591-78-6	mg/kg	(1)	< 15 UD	< 6.5 UD	< 14 UD	< 5.8 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)	< 15 UD	< 6.5 UD	< 14 UD	< 5.8 UD
Acetone	67-64-1	mg/kg	(1)	< 30 UJD	< 13 UJD	< 28 UJD	< 12 UJD
Acetonitrile	75-05-8	mg/kg	(1)	< 61 R	< 26 R	< 55 R	< 23 R
Benzene	71-43-2	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Bromodichloromethane	75-27-4	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Bromoform	75-25-2	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Bromomethane	74-83-9	mg/kg	(1)	< 3 UD	< 1.3 UD	< 2.8 UD	< 1.2 UD
Carbon disulfide	75-15-0	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Carbon tetrachloride	56-23-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Chlorobenzene	108-90-7	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Chloroethane	75-00-3	mg/kg	(1)	< 3 UD	< 1.3 UD	< 2.8 UD	< 1.2 UD
Chloroform	67-66-3	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Chloromethane	74-87-3	mg/kg	(1)	< 3 UD	< 1.3 UD	< 2.8 UD	< 1.2 UD
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Dibromochloromethane	124-48-1	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Dichlorodifluoromethane	75-71-8	mg/kg	(1)	< 3 UD	< 1.3 UD	< 2.8 UD	< 1.2 UD
Ethyl benzene	100-41-4	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Methylene chloride	75-09-2	mg/kg	(1)	< 1.5 (U)D	< 0.65 (U)D	< 1.4 (U)D	< 0.58 (U)D
Styrene	100-42-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Tetrachloroethene	127-18-4	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Toluene	108-88-3	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Trichloroethene	79-01-6	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Trichlorofluoromethane	75-69-4	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
Vinyl chloride	75-01-4	mg/kg	(1)	< 3 UD	< 1.3 UD	< 2.8 UD	< 1.2 UD
Xylenes	1330-20-7	mg/kg	(1)	< 1.5 UD	< 0.65 UD	< 1.4 UD	< 0.58 UD
WetChem							
% Solids	%Solid	%	(1)	35.9	85.8	37.4	87.2

Chemical Name	CAS No	Unit	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / ValueNo	78 / P-78-TR-001 / 12/17/2001 / 0 - 1 / 78TR-1DUP(0-1) / SO	78 / P-78-TR-001 / 12/17/2001 / 0 - 1 / 78TR-1(0-1) / SO
Explosives					
1,3,5-Trinitrobenzene	99-35-4	mg/kg	(1)		
1,3-Dinitrobenzene	99-65-0	mg/kg	(1)		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	(1)		
2-amino-4,6-Dinitrotoluene	35572-78-2	mg/kg	(1)		
2-Nitrotoluene	88-72-2	mg/kg	(1)		
3-Nitrotoluene	99-08-1	mg/kg	(1)		
4-amino-2,6-Dinitrotoluene	19406-51-0	mg/kg	(1)		
4-Nitrotoluene	99-99-0	mg/kg	(1)		
HMX	2691-41-0	mg/kg	(1)		
Nitrobenzene	98-95-3	mg/kg	(1)		< 0.48 U
Nitrobenzene	98-95-3	mg/kg	(2)		
RDX	121-82-4	mg/kg	(1)		
Tetryl	479-45-8	mg/kg	(1)		
Explosives / SVOC					
2,4-Dinitrotoluene	121-14-2	mg/kg	(1)		< 0.48 U
2,4-Dinitrotoluene	121-14-2	mg/kg	(2)		
2,6-Dinitrotoluene	606-20-2	mg/kg	(1)		< 0.48 U
2,6-Dinitrotoluene	606-20-2	mg/kg	(2)		
SVOC					
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	(1)		< 0.97 UD
1,2,4-Trichlorobenzene	120-82-1	mg/kg	(1)		< 0.48 U
1,2-Dichlorobenzene	95-50-1	mg/kg	(1)		< 0.48 U
1,3-Dichlorobenzene	541-73-1	mg/kg	(1)		< 0.48 U
1,4-Dichlorobenzene	106-46-7	mg/kg	(1)		< 0.48 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	(1)		< 0.48 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	(1)		< 0.48 U
2,4-Dichlorophenol	120-83-2	mg/kg	(1)		< 0.48 U
2,4-Dimethylphenol	105-67-9	mg/kg	(1)		< 0.48 U
2,4-Dinitrophenol	51-28-5	mg/kg	(1)		< 2.3 U
2-Chloronaphthalene	91-58-7	mg/kg	(1)		< 0.48 U
2-Chlorophenol	95-57-8	mg/kg	(1)		< 0.48 U
2-Methylnaphthalene	91-57-6	mg/kg	(1)		< 0.48 U
2-Methylphenol	95-48-7	mg/kg	(1)		< 0.48 U
2-Nitroaniline	88-74-4	mg/kg	(1)		< 2.3 U
2-Nitrophenol	88-75-5	mg/kg	(1)		< 0.48 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	(1)		< 2.3 U
3-Nitroaniline	99-09-2	mg/kg	(1)		< 2.3 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	(1)		< 2.3 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	(1)		< 0.48 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	(1)		< 0.48 U
4-Chloroaniline	106-47-8	mg/kg	(1)		< 0.48 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	(1)		< 0.48 U
4-Methylphenol	106-44-5	mg/kg	(1)		< 0.48 U#
4-Nitroaniline	100-01-6	mg/kg	(1)		< 2.3 U
4-Nitrophenol	100-02-7	mg/kg	(1)		< 2.3 U
Acenaphthene	83-32-9	mg/kg	(1)		< 0.48 U
Acenaphthylene	208-96-8	mg/kg	(1)		< 0.48 U
Aniline	62-53-3	mg/kg	(1)		< 0.48 U
Anthracene	120-12-7	mg/kg	(1)		0.2 J
Benz(a)anthracene	56-55-3	mg/kg	(1)		2.3
Benzo(a)pyrene	50-32-8	mg/kg	(1)		2.1
Benzo(b)fluoranthene	205-99-2	mg/kg	(1)		2.5
Benzo(g,h,i)perylene	191-24-2	mg/kg	(1)		1.1
Benzo(k)fluoranthene	207-08-9	mg/kg	(1)		0.97
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	(1)		< 0.48 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	(1)		< 0.48 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	(1)		< 0.48 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	(1)		< 0.48 U
Butylbenzyl phthalate	85-68-7	mg/kg	(1)		< 0.48 U
Carbazole	86-74-8	mg/kg	(1)		< 0.48 U
Chrysene	218-01-9	mg/kg	(1)		1.9
Dibenz(a,h)anthracene	53-70-3	mg/kg	(1)		0.4 J
Dibenzofuran	132-64-9	mg/kg	(1)		< 0.48 U
Diethylphthalate	84-66-2	mg/kg	(1)		< 0.48 U
Dimethylphthalate	131-11-3	mg/kg	(1)		< 0.48 U
di-n-Butylphthalate	84-74-2	mg/kg	(1)		< 0.48 U
di-n-Octylphthalate	117-84-0	mg/kg	(1)		< 0.48 U
Diphenylamine	122-39-4	mg/kg	(1)		< 0.48 U
Fluoranthene	206-44-0	mg/kg	(1)		5.2
Fluorene	86-73-7	mg/kg	(1)		< 0.48 U

			Site Name	78	78
			Location ID	P-78-TR-001	P-78-TR-001
			Sample Date	12/17/2001	12/17/2001
			Depth Interval	0 - 1	0 - 1
			Sample ID	78TR-1DUP(0-1)	78TR-1(0-1)
			Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**	**ValueNo**		
Hexachlorobenzene	118-74-1	mg/kg	(1)		< 0.48 U
Hexachlorobutadiene	87-68-3	mg/kg	(1)		< 0.48 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	(1)		< 2.3 U
Hexachloroethane	67-72-1	mg/kg	(1)		< 0.48 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	(1)		1.1
Isophorone	78-59-1	mg/kg	(1)		< 0.48 U
Naphthalene	91-20-3	mg/kg	(1)		< 0.48 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	(1)		< 0.48 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	(1)		< 0.48 U
Pentachlorophenol	87-86-5	mg/kg	(1)		< 0.48 U
Phenanthrene	85-01-8	mg/kg	(1)		0.56
Phenol	108-95-2	mg/kg	(1)		< 0.48 U
Pyrene	129-00-0	mg/kg	(1)		3.3
TPH					
Diesel Range Organics	DRO	mg/kg	(1)		230 D
Gasoline range organics	GRO	mg/kg	(1)		< 0.15 U
VOC					
1,1,1-Trichloroethane	71-55-6	mg/kg	(1)		< 0.97 UD
1,1,2-Trichloro-1,2,2-trifluoroethan	76-13-1	mg/kg	(1)		< 0.97 UD
1,1,2-Trichloroethane	79-00-5	mg/kg	(1)		< 0.97 UD
1,1-Dichloroethane	75-34-3	mg/kg	(1)		< 0.97 UD
1,1-Dichloroethene	75-35-4	mg/kg	(1)		< 0.97 UD
1,2-Dichloroethane	107-06-2	mg/kg	(1)		< 0.97 UD
1,2-Dichloropropane	78-87-5	mg/kg	(1)		< 0.97 UD
2-Butanone	78-93-3	mg/kg	(1)		< 19 (U)D
2-Hexanone	591-78-6	mg/kg	(1)		< 9.7 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	(1)		< 9.7 UD
Acetone	67-64-1	mg/kg	(1)		< 19 (U)D
Acetonitrile	75-05-8	mg/kg	(1)		< 39 UD
Benzene	71-43-2	mg/kg	(1)		< 0.97 UD
Bromodichloromethane	75-27-4	mg/kg	(1)		< 0.97 UD
Bromoform	75-25-2	mg/kg	(1)		< 0.97 UD
Bromomethane	74-83-9	mg/kg	(1)		< 1.9 UD
Carbon disulfide	75-15-0	mg/kg	(1)		< 0.97 UD
Carbon tetrachloride	56-23-5	mg/kg	(1)		< 0.97 UD
Chlorobenzene	108-90-7	mg/kg	(1)		< 0.97 UD
Chloroethane	75-00-3	mg/kg	(1)		< 1.9 UD
Chloroform	67-66-3	mg/kg	(1)		< 0.97 UD
Chloromethane	74-87-3	mg/kg	(1)		< 1.9 UD
cis-1,2-Dichloroethene	156-59-2	mg/kg	(1)		< 0.97 UD
cis-1,3-Dichloropropene	10061-01-5	mg/kg	(1)		< 0.97 UD
Dibromochloromethane	124-48-1	mg/kg	(1)		< 0.97 UD
Dichlorodifluoromethane	75-71-8	mg/kg	(1)		< 1.9 UD
Ethyl benzene	100-41-4	mg/kg	(1)		< 0.97 UD
Methylene chloride	75-09-2	mg/kg	(1)		< 0.97 UD
Styrene	100-42-5	mg/kg	(1)		< 0.97 UD
Tetrachloroethene	127-18-4	mg/kg	(1)		< 0.97 UD
Toluene	108-88-3	mg/kg	(1)		< 0.97 UD
trans-1,2-Dichloroethene	156-60-5	mg/kg	(1)		< 0.97 UD
trans-1,3-Dichloropropene	10061-02-6	mg/kg	(1)		< 0.97 UD
Trichloroethene	79-01-6	mg/kg	(1)		< 0.97 UD
Trichlorofluoromethane	75-69-4	mg/kg	(1)		< 0.97 UD
Vinyl chloride	75-01-4	mg/kg	(1)		< 1.9 UD
Xylenes	1330-20-7	mg/kg	(1)		< 0.97 UD
WetChem					
% Solids	%Solid	%	(1)	58.2	68.6

		Site Name	79	79	79	79
		Location ID	I-MW-1_I	I-MW-1_I	I-MW15-101	I-MW15-102
		Sample Date	10/22/1996	1/9/2004	10/22/1996	10/22/1996
		Depth Interval	15.22 - 30.22	15.22 - 30.22	11.88 - 21.88	14.01 - 29.01
		Sample ID	MW-1_I(19961022)	MW-1(20040109)	MW15-101(19961022)	MW15-102(19961022)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U		< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U		< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U		< 0.635 U	< 0.635 UJ
HMX	2691-41-0	ug/L	< 1.21 U		< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U		< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U		< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U		< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U		< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U		< 20 U	39.6
Picric Acid	88-89-1	ug/L	< 0.27 U		< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U		< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U		< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U		< 1.56 U	< 1.56 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U		< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U		< 0.0738 U	< 0.0738 U
Metals						
Aluminum	7429-90-5	ug/L	3070		244	27.2
Antimony	7440-36-0	ug/L	< 1 U		< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U		4.51	< 1 U
Barium	7440-39-3	ug/L	71.4		24.5	20.7
Beryllium	7440-41-7	ug/L	< 5 U		< 5 U	< 5 U
Boron	7440-42-8	ug/L	54.2		< 50 U	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U		< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	20600		16900	38400
Chromium	7440-47-3	ug/L	< 6.96 U		< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U		< 50 U	< 50 U
Copper	7440-50-8	ug/L	28.7		< 5 U	< 5 U
Iron	7439-89-6	ug/L	14400		28100	10300
Lead	7439-92-1	ug/L	43.1	15.3	< 1 U	< 1 U
Magnesium	7439-95-4	ug/L	4190		3250	5970
Manganese	7439-96-5	ug/L	1660		497	1420
Mercury	7439-97-6	ug/L	0.29		< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U		< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	2010		2380	2330
Selenium	7782-49-2	ug/L	< 2 U		< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U		< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	44300		36200	26100
Strontium	7440-24-6	ug/L	117		72.5	143
Thallium	7440-28-0	ug/L	< 1 U		< 1 U	< 1 U
Titanium	7440-32-6	ug/L	117		4.31	< 2 U
Vanadium	7440-62-2	ug/L	7.39		< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	364		< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	1.09		< 1 U	< 1 U
Pesticides						
Mirex	2385-85-5	ug/L	< 0.025 U		< 0.025 U	< 0.025 U
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U		< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U		< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U		< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U		< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U		< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U		< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U		< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U		< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U		< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U		< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U		< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U		< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U		< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U		< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U		< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U		< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U		< 4.9 U	< 4.9 U

		Site Name	79	79	79	79
		Location ID	I-MW-1_I	I-MW-1_I	I-MW15-101	I-MW15-102
		Sample Date	10/22/1996	1/9/2004	10/22/1996	10/22/1996
		Depth Interval	15.22 - 30.22	15.22 - 30.22	11.88 - 21.88	14.01 - 29.01
		Sample ID	MW-1_I(19961022)	MW-1(20040109)	MW15-101(19961022)	MW15-102(19961022)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U		< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U		< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U		< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U		< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U		< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#		< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U		< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U		< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	2.7		< 1.7 U	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U		< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U		< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U		< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U		< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U		< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U		< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U		< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U		< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U		< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U		< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U		< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U		< 4.8 U	< 4.8 U
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U		< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	< 2 U		< 2 U	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U		< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U		< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	3		< 1.7 U	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U		< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U		< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U		< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U		< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U		< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U		< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	5.2		< 3.7 U	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U		< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U		< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U		< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U		< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U		< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U		< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U		< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U		< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U		< 0.042 U	< 0.042 U
Phenanthrene	85-01-8	ug/L	4.7		< 0.5 U	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U		< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U		< 2.8 U	< 2.8 U
TPH						
Diesel Range Organics	DRO	ug/L	2000		6600	860
Gasoline range organics	GRO	ug/L	< 340 U		< 340 U	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U		< 340 U	< 340 U
TRPH	TRPH	ug/L	2550		5470	212
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U		< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U		< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U		< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U		< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U		< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U		< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U		< 13 U	< 13 U

		Site Name	79	79	79	79
		Location ID	I-MW-1_I	I-MW-1_I	I-MW15-101	I-MW15-102
		Sample Date	10/22/1996	1/9/2004	10/22/1996	10/22/1996
		Depth Interval	15.22 - 30.22	15.22 - 30.22	11.88 - 21.88	14.01 - 29.01
		Sample ID	MW-1_I(19961022)	MW-1(20040109)	MW15-101(19961022)	MW15-102(19961022)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Acetonitrile	75-05-8	ug/L	< 200 U		< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U		< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U		< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U		< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U		< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U		< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U		< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U		< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U		< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U		< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U		< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U		2	2
Isopropanol	67-63-0	ug/L	< 400 U		< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U		< 2.3 U	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U		< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U		< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U		< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U		< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U		< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U		< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U		< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U		< 0.84 U	< 0.84 U
WetChem						
Ammonia	7664-41-7	ug/L	< 60 U		273	151
Chloride	16887-00-6	ug/L	63000		53000	13200
Cyanide	57-12-5	ug/L	3.8		< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U		< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	81.8		270	10.7
Phosphate	14265-44-2	ug/L	239		12000	283
Sulfate	14808-79-8	ug/L	27000		25000	41000
Sulfide	18496-25-8	ug/L	< 50 U		151	< 50 U

		Site Name	79	79
		Location ID	I-MW15-103	I-MW-2_I
		Sample Date	10/22/1996	10/23/1996
		Depth Interval	14.06 - 29.06	12 - 27
		Sample ID	MW15-103(19961022)	MW-2_I(19961023)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 R
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 U	< 10 U
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U
Metals				
Aluminum	7429-90-5	ug/L	48.4	72
Antimony	7440-36-0	ug/L	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	3.29	< 1 U
Barium	7440-39-3	ug/L	28	4.24
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U
Boron	7440-42-8	ug/L	< 50 U	< 50 U
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	29700	16800
Chromium	7440-47-3	ug/L	< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U
Copper	7440-50-8	ug/L	< 5 U	< 5 U
Iron	7439-89-6	ug/L	24300	< 36.8 U
Lead	7439-92-1	ug/L	< 1 U	< 1 U
Magnesium	7439-95-4	ug/L	5200	4080
Manganese	7439-96-5	ug/L	2120	3.05
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	2700	1190
Selenium	7782-49-2	ug/L	< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U	< 4.42 U
Sodium	7440-23-5	ug/L	35400	28200
Strontium	7440-24-6	ug/L	123	81.6
Thallium	7440-28-0	ug/L	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	< 2 U	< 2 U
Vanadium	7440-62-2	ug/L	< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U
Pesticides				
Mirex	2385-85-5	ug/L	< 0.025 U	< 0.025 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	< 1.8 U	< 1.8 U
1,2-Dichlorobenzene	95-50-1	ug/L	< 1.7 U	< 1.7 U
1,3-Dichlorobenzene	541-73-1	ug/L	< 1.7 U	< 1.7 U
1,4-Dichlorobenzene	106-46-7	ug/L	< 1.7 U	< 1.7 U
2,4,5-Trichlorophenol	95-95-4	ug/L	< 5.2 U	< 5.2 U
2,4,6-Trichlorophenol	88-06-2	ug/L	< 4.2 U	< 4.2 U
2,4-Dichlorophenol	120-83-2	ug/L	< 2.9 U	< 2.9 U
2,4-Dimethylphenol	105-67-9	ug/L	< 5.8 U	< 5.8 U
2,4-Dinitrophenol	51-28-5	ug/L	< 21 U	< 21 U
2-Chloronaphthalene	91-58-7	ug/L	< 0.5 U	< 0.5 U
2-Chlorophenol	95-57-8	ug/L	< 0.99 U	< 0.99 U
2-Methylnaphthalene	91-57-6	ug/L	< 1.7 U	< 1.7 U
2-Methylphenol	95-48-7	ug/L	< 3.9 U	< 3.9 U
2-Nitroaniline	88-74-4	ug/L	< 4.3 U	< 4.3 U
2-Nitrophenol	88-75-5	ug/L	< 3.7 U	< 3.7 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	< 12 U	< 12 U
3-Nitroaniline	99-09-2	ug/L	< 4.9 U	< 4.9 U

		Site Name	79	79
		Location ID	I-MW15-103	I-MW-2_I
		Sample Date	10/22/1996	10/23/1996
		Depth Interval	14.06 - 29.06	12 - 27
		Sample ID	MW15-103(19961022)	MW-2_I(19961023)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	< 17 U	< 17 U
4-Bromophenyl phenyl ether	101-55-3	ug/L	< 4.2 U	< 4.2 U
4-Chloro-3-methylphenol	59-50-7	ug/L	< 4 U	< 4 U
4-Chloroaniline	106-47-8	ug/L	< 7.3 U	< 7.3 U
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	< 5.1 U	< 5.1 U
4-Methylphenol	106-44-5	ug/L	< 0.52 U#	< 0.52 U#
4-Nitroaniline	100-01-6	ug/L	< 5.2 U	< 5.2 U
4-Nitrophenol	100-02-7	ug/L	< 12 U	< 12 U
Acenaphthene	83-32-9	ug/L	4.4	< 1.7 U
Acenaphthylene	208-96-8	ug/L	< 0.5 U	< 0.5 U
Aniline	62-53-3	ug/L	< 4.4 U	< 4.4 U
Anthracene	120-12-7	ug/L	< 0.5 U	< 0.5 U
Benz(a)anthracene	56-55-3	ug/L	< 1.6 U	< 1.6 U
Benzo(a)pyrene	50-32-8	ug/L	< 4.7 U	< 4.7 U
Benzo(b)fluoranthene	205-99-2	ug/L	< 5.4 U	< 5.4 U
Benzo(g,h,i)perylene	191-24-2	ug/L	< 6.1 U	< 6.1 U
Benzo(k)fluoranthene	207-08-9	ug/L	< 0.87 U	< 0.87 U
Benzoic Acid	65-85-0	ug/L	< 13 U	< 13 U
Benzyl alcohol	100-51-6	ug/L	< 0.72 U	< 0.72 U
bis(2-Chloroethoxy)methane	111-91-1	ug/L	< 1.5 U	< 1.5 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	< 1.9 U	< 1.9 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	< 5.3 U	< 5.3 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	< 4.8 U	6.7
Butylbenzyl phthalate	85-68-7	ug/L	< 3.4 U	< 3.4 U
Carbazole	86-74-8	ug/L	2.2	< 2 U
Chrysene	218-01-9	ug/L	< 2.4 U	< 2.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	< 6.5 U	< 6.5 U
Dibenzofuran	132-64-9	ug/L	4	< 1.7 U
Diethylphthalate	84-66-2	ug/L	< 2 U	< 2 U
Dimethylphthalate	131-11-3	ug/L	< 1.5 U	< 1.5 U
di-n-Butylphthalate	84-74-2	ug/L	< 3.7 U	< 3.7 U
di-n-Octylphthalate	117-84-0	ug/L	< 15 U	< 15 U
Diphenylamine	122-39-4	ug/L	< 2.5 U	< 2.5 U
Fluoranthene	206-44-0	ug/L	< 3.3 U	< 3.3 U
Fluorene	86-73-7	ug/L	5.9	< 3.7 U
Hexachlorobenzene	118-74-1	ug/L	< 1.6 U	< 1.6 U
Hexachlorobutadiene	87-68-3	ug/L	< 3.4 U	< 3.4 U
Hexachlorocyclopentadiene	77-47-4	ug/L	< 8.6 U	< 8.6 U
Hexachloroethane	67-72-1	ug/L	< 1.5 U	< 1.5 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	< 8.6 U	< 8.6 U
Isophorone	78-59-1	ug/L	< 4.8 U	< 4.8 U
Naphthalene	91-20-3	ug/L	< 0.5 U	< 0.5 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	< 4.4 U	< 4.4 U
n-Nitrosodiphenylamine	86-30-6	ug/L	< 3 U	< 3 U
Pentachlorophenol	87-86-5	ug/L	< 0.042 U	< 0.042 U
Phenanthrene	85-01-8	ug/L	0.74	< 0.5 U
Phenol	108-95-2	ug/L	< 9.2 U	< 9.2 U
Pyrene	129-00-0	ug/L	< 2.8 U	< 2.8 U
TPH				
Diesel Range Organics	DRO	ug/L	1400	< 340 U
Gasoline range organics	GRO	ug/L	< 340 U	< 340 U
TPH, aviation gas fraction	50815-00-4	ug/L	< 340 U	< 340 U
TRPH	TRPH	ug/L	< 178 U	< 180 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U

		Site Name	79	79
		Location ID	I-MW15-103	I-MW-2_I
		Sample Date	10/22/1996	10/23/1996
		Depth Interval	14.06 - 29.06	12 - 27
		Sample ID	MW15-103(19961022)	MW-2_I(19961023)
		Sample Matrix	WG	WG
Chemical Name	CAS No	Unit		
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	4.3	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	< 2.3 U	4.6
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	< 0.5 U	< 0.5 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U
WetChem				
Ammonia	7664-41-7	ug/L	202	< 60 U
Chloride	16887-00-6	ug/L	31800	79000
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	< 10 U	170
Phosphate	14265-44-2	ug/L	432	52.5
Sulfate	14808-79-8	ug/L	29000	15000
Sulfide	18496-25-8	ug/L	405	< 50 U

Chemical Name	CAS No	Unit	79 I-79-SB-001 5/13/1996 0 - 2 79SB-1A(0-2) SO	79 I-79-SB-001 5/14/1996 5 - 7 79SB-1B(5-7) SO	79 I-79-SB-002 6/11/1996 0 - 2 79SB-2A(0-2) SO	79 I-79-SB-002 6/11/1996 10 - 12 79SB-2C(10-12) SO	79 I-79-SB-004 6/4/2001 10 - 12 79SB-4C(10-12) SO	79 I-79-SB-004 6/4/2001 5 - 7 79SB-4B(5-7) SO	79 I-79-SB-005 6/4/2001 10 - 12 79SB-5C(10-12) SO	79 I-79-SB-005 6/4/2001 5 - 7 79SB-5B(5-7) SO	79 I-79-SB-006 6/4/2001 10 - 12 79SB-6C(10-12) SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 UJ	< 0.488 UJ	< 0.488 U	< 0.488 U					
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U					
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U					
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U					
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U					
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U					
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U					
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U					
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U					
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U					
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U					
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R					
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U					
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U					
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U					
Isotope											
Radium-228	15262-20-1	pCi/g									
Metals											
Aluminum	7429-90-5	mg/kg	11300	3150	2530						
Antimony	7440-36-0	mg/kg	0.34	0.75	0.7						
Arsenic	7440-38-2	mg/kg	13.8	110	5.33		5.5	13.7	1.9	4.1	2.8
Barium	7440-39-3	mg/kg	149	197	37.7						
Beryllium	7440-41-7	mg/kg	0.8	< 0.5 U	0.88						
Boron	7440-42-8	mg/kg	< 5.91 U	9.02	< 5.91 U						
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	1.74						
Calcium	7440-70-2	mg/kg	2330	3230	18800						
Chromium	7440-47-3	mg/kg	14	9.13	5.95						
Cobalt	7440-48-4	mg/kg	6.42	4.73	3.11						
Copper	7440-50-8	mg/kg	34.4	36.3	26						
Iron	7439-89-6	mg/kg	18800	9920	14900						
Lead	7439-92-1	mg/kg	148	297	1220						
Magnesium	7439-95-4	mg/kg	1880	835	11100						
Manganese	7439-96-5	mg/kg	544	199	176						
Mercury	7439-97-6	mg/kg	0.22	0.06	0.21						
Nickel	7440-02-0	mg/kg	13.4	14.9	14.5						
Potassium	7440-09-7	mg/kg	736	426	293						
Selenium	7782-49-2	mg/kg	1.35	1.62	0.58						
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U						
Sodium	7440-23-5	mg/kg	490	580	336						
Strontium	7440-24-6	mg/kg	43	99	58						
Thallium	7440-28-0	mg/kg	0.24	0.71	< 0.1 U						
Titanium	7440-32-6	mg/kg	378	201	413						
Vanadium	7440-62-2	mg/kg	48.4	22.9	37.8						
Zinc	7440-66-6	mg/kg	159	290	888						
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U	7.21						

		Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SB-001	I-79-SB-001	I-79-SB-002	I-79-SB-002	I-79-SB-004	I-79-SB-004	I-79-SB-005	I-79-SB-005	I-79-SB-006
		Sample Date	5/13/1996	5/14/1996	6/11/1996	6/11/1996	6/4/2001	6/4/2001	6/4/2001	6/4/2001	6/4/2001
		Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	10 - 12	5 - 7	10 - 12	5 - 7	10 - 12
		Sample ID	79SB-1A(0-2)	79SB-1B(5-7)	79SB-2A(0-2)	79SB-2C(10-12)	79SB-4C(10-12)	79SB-4B(5-7)	79SB-5C(10-12)	79SB-5B(5-7)	79SB-6C(10-12)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
PCBs											
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg									
Aroclor 1232	11141-16-5	mg/kg									
Aroclor 1242	53469-21-9	mg/kg									
Aroclor 1248	12672-29-6	mg/kg									
Aroclor 1254	11097-69-1	mg/kg									
Aroclor 1260	11096-82-5	mg/kg									
Pesticides											
Mirex	2385-85-5	mg/kg	< 0.25 R	< 0.25 R	< 0.25 U	< 0.25 U					
Radiological											
Americium-241	86954-36-1	pCi/g									
Cesium-137	10045-97-3	pCi/g									
Cobalt-60	10198-40-0	pCi/g									
Gross alpha	12587-46-1	pCi/g									
Gross beta	12587-47-2	pCi/g									
Radium-226	13982-63-3	pCi/g									
Total Uranium	7440-61-1 U	mg/kg									
Uranium-234	13966-29-5	pCi/g									
Uranium-235	15117-96-1	pCi/g									
Uranium-238	7440-61-1 U-238	pCi/g									
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U					
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 R	< 0.04 R	< 0.04 U	< 0.04 U					
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 R	< 0.11 R	< 0.11 U	< 0.11 U					
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 R	< 0.13 R	< 0.13 U	< 0.13 U					
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 R	< 0.098 R	< 0.098 U	< 0.098 U					
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 R	< 0.1 R	< 0.1 U	< 0.1 U					
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 R	< 0.17 R	< 0.17 U	< 0.17 U					
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 R	< 0.18 R	< 0.18 U	< 0.18 U					
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 R	< 0.69 R	< 0.69 U	< 0.69 U					
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 R	< 1.2 R	< 1.2 U	< 1.2 U					
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 R	< 0.036 R	< 0.036 U	< 0.036 U					
2-Chlorophenol	95-57-8	mg/kg	< 0.06 R	< 0.06 R	< 0.06 U	< 0.06 U					
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 R	< 0.049 R	< 0.049 U	< 0.049 U					
2-Methylphenol	95-48-7	mg/kg	< 0.029 R	< 0.029 R	< 0.029 U	< 0.029 U					
2-Nitroaniline	88-74-4	mg/kg	< 0.062 R	< 0.062 R	< 0.062 U	< 0.062 U					
2-Nitrophenol	88-75-5	mg/kg	< 0.14 R	< 0.14 R	< 0.14 U	< 0.14 U					
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 R	< 6.3 R	< 6.3 U	< 6.3 U					
3-Nitroaniline	99-09-2	mg/kg	< 0.45 R	< 0.45 R	< 0.45 U	< 0.45 U					
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 R	< 0.55 R	< 0.55 U	< 0.55 U					
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 R	< 0.095 R	< 0.095 U	< 0.095 U					
4-Chloroaniline	106-47-8	mg/kg	< 0.81 R	< 0.81 R	< 0.81 U	< 0.81 U					
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
4-Methylphenol	106-44-5	mg/kg	< 0.24 R#	< 0.24 R#	< 0.24 U#	< 0.24 U#					
4-Nitroaniline	100-01-6	mg/kg	< 0.41 R	< 0.41 R	< 0.41 U	< 0.41 U					
4-Nitrophenol	100-02-7	mg/kg	< 1.4 R	< 1.4 R	< 1.4 U	< 1.4 U					
Acenaphthene	83-32-9	mg/kg	< 0.036 R	< 0.036 R	< 0.036 U	< 0.036 U					
Acenaphthylene	208-96-8	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					

		Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SB-001	I-79-SB-001	I-79-SB-002	I-79-SB-002	I-79-SB-004	I-79-SB-004	I-79-SB-005	I-79-SB-005	I-79-SB-006
		Sample Date	5/13/1996	5/14/1996	6/11/1996	6/11/1996	6/4/2001	6/4/2001	6/4/2001	6/4/2001	6/4/2001
		Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	10 - 12	5 - 7	10 - 12	5 - 7	10 - 12
		Sample ID	79SB-1A(0-2)	79SB-1B(5-7)	79SB-2A(0-2)	79SB-2C(10-12)	79SB-4C(10-12)	79SB-4B(5-7)	79SB-5C(10-12)	79SB-5B(5-7)	79SB-6C(10-12)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
SVOC (continued)											
Aniline	62-53-3	mg/kg	< 0.65 R	< 0.65 R	< 0.65 U	< 0.65 U					
Anthracene	120-12-7	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 R	< 0.17 R	< 0.17 U	< 0.17 U					
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 R	< 0.25 R	< 0.25 U	< 0.25 U					
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 R	< 0.21 R	< 0.21 U	< 0.21 U					
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 R	< 0.25 R	< 0.25 U	< 0.25 U					
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 R	< 0.066 R	< 0.066 U	< 0.066 U					
Benzyl alcohol	100-51-6	mg/kg	< 0.19 R	< 0.19 R	< 0.19 U	< 0.19 U					
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 R	< 0.059 R	< 0.059 U	< 0.059 U					
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 R	< 0.2 R	< 0.2 U	< 0.2 U					
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 R	< 0.62 R	< 0.62 U	< 0.62 U					
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 R	< 0.17 R	< 0.17 U	< 0.17 U					
Carbazole	86-74-8	mg/kg	< 0.14 R	< 0.14 R	< 0.14 U	< 0.14 U					
Chrysene	218-01-9	mg/kg	< 0.12 R	< 0.12 R	< 0.12 U	< 0.12 U					
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 R	< 0.21 R	< 0.21 U	< 0.21 U					
Dibenzofuran	132-64-9	mg/kg	< 0.035 R	< 0.035 R	< 0.035 U	< 0.035 U					
Diethylphthalate	84-66-2	mg/kg	< 0.24 R	< 0.24 R	< 0.24 U	< 0.24 U					
Dimethylphthalate	131-11-3	mg/kg	< 0.17 R	< 0.17 R	< 0.17 U	< 0.17 U					
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 R	< 0.061 R	< 0.061 U	< 0.061 U					
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 R	< 0.19 R	< 0.19 U	< 0.19 U					
Diphenylamine	122-39-4	mg/kg	< 0.13 R	< 0.13 R	< 0.13 U	< 0.13 U					
Fluoranthene	206-44-0	mg/kg	< 0.068 R	< 0.068 R	< 0.068 U	< 0.068 U					
Fluorene	86-73-7	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 R	< 0.23 R	< 0.23 U	< 0.23 U					
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 R	< 6.2 R	< 6.2 U	< 6.2 U					
Hexachloroethane	67-72-1	mg/kg	< 0.15 R	< 0.15 R	< 0.15 U	< 0.15 U					
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 R	< 0.29 R	< 0.29 U	< 0.29 U					
Isophorone	78-59-1	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
Naphthalene	91-20-3	mg/kg	< 0.037 R	< 0.037 R	< 0.037 U	< 0.037 U					
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 R	< 0.2 R	< 0.2 U	< 0.2 U					
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 R	< 0.19 R	< 0.19 U	< 0.19 U					
Pentachlorophenol	87-86-5	mg/kg	< 1.3 R	< 1.3 R	< 1.3 U	< 1.3 U					
Phenanthrene	85-01-8	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
Phenol	108-95-2	mg/kg	< 0.11 R	< 0.11 R	< 0.11 U	< 0.11 U					
Pyrene	129-00-0	mg/kg	< 0.033 R	< 0.033 R	< 0.033 U	< 0.033 U					
TPH											
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U	< 8.24 U					
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U	< 8.3 U					
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U					
TRPH	TRPH	mg/kg			347						
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U					
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U					
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U					
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U					
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U					
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U					

Chemical Name	CAS No	Unit	Site Name	79	79	79	79	79	79	79	79	79
			Location ID	I-79-SB-001	I-79-SB-001	I-79-SB-002	I-79-SB-002	I-79-SB-004	I-79-SB-004	I-79-SB-005	I-79-SB-005	I-79-SB-006
			Sample Date	5/13/1996	5/14/1996	6/11/1996	6/11/1996	6/4/2001	6/4/2001	6/4/2001	6/4/2001	6/4/2001
			Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	10 - 12	5 - 7	10 - 12	5 - 7	10 - 12
			Sample ID	79SB-1A(0-2)	79SB-1B(5-7)	79SB-2A(0-2)	79SB-2C(10-12)	79SB-4C(10-12)	79SB-4B(5-7)	79SB-5C(10-12)	79SB-5B(5-7)	79SB-6C(10-12)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
VOC (continued)												
1,2-Dichloroethene (total)	540-59-0	mg/kg		< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U					
1,2-Dichloropropane	78-87-5	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U					
2-Butanone	78-93-3	mg/kg		< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U					
2-Hexanone	591-78-6	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U					
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U					
Acetone	67-64-1	mg/kg		< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U					
Acetonitrile	75-05-8	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U					
Benzene	71-43-2	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U					
Bromodichloromethane	75-27-4	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U					
Bromoform	75-25-2	mg/kg		< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U					
Bromomethane	74-83-9	mg/kg		< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U					
Carbon disulfide	75-15-0	mg/kg		< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U					
Carbon tetrachloride	56-23-5	mg/kg		< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U					
Chlorobenzene	108-90-7	mg/kg		< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U					
Chloroethane	75-00-3	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U					
Chloroform	67-66-3	mg/kg		< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U					
Chloromethane	74-87-3	mg/kg		< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U					
cis-1,3-Dichloropropene	10061-01-5	mg/kg		< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U					
Dibromochloromethane	124-48-1	mg/kg		< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U					
Dichlorodifluoromethane	75-71-8	mg/kg		< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U					
Ethanol	64-17-5	mg/kg		< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U					
Ethyl benzene	100-41-4	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U					
Isopropanol	67-63-0	mg/kg		< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U					
Methylene chloride	75-09-2	mg/kg		< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U					
Styrene	100-42-5	mg/kg		< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U					
tert-Butylalcohol	75-65-0	mg/kg		< 0.5 U	< 0.5 U							
Tetrachloroethene	127-18-4	mg/kg		< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U					
Toluene	108-88-3	mg/kg		< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U					
trans-1,3-Dichloropropene	10061-02-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U					
Trichloroethene	79-01-6	mg/kg		< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U					
Trichlorofluoromethane	75-69-4	mg/kg		< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U					
Vinyl acetate	108-05-4	mg/kg		< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U					
Vinyl chloride	75-01-4	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U					
Xylenes	1330-20-7	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U					
WetChem												
% Solids	%Solid	%						87.2	81.4	88.5	84.6	88.3
Ammonia	7664-41-7	mg/kg		78.1	23.9	23.2						
Chloride	16887-00-6	mg/kg		< 6.05 U	14.4	< 6.05 U						
Cyanide	57-12-5	mg/kg		< 0.92 U	< 0.92 U	< 0.92 U						
Fluoride	16984-48-8	mg/kg		7.39	< 3.62 U	< 3.62 U						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg		1.21	1.12	0.81						
Phosphate	14265-44-2	mg/kg		440	470	410						
Sulfate	14808-79-8	mg/kg		< 90.4 U	< 90.4 U	< 90.4 U						
Sulfide	18496-25-8	mg/kg		< 6 U	< 6 U	< 6 U						

Chemical Name	CAS No	Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SB-006	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SS-001A	I-79-SS-002A	I-79-SS-002A	I-79-SS-003
		Sample Date	6/4/2001	6/12/2001	6/12/2001	6/12/2001	6/12/2001	3/19/1996	3/26/1996	3/26/1996	4/30/2001
		Depth Interval	5 - 7	0 - 2	0 - 2	10 - 12	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	79SB-6B(5-7)	79SB-7A(0-2)	79SB-7ADUP(0-2)	79SB-7C(10-12)	79SB-7B(5-7)	79SS-1A(0-1)	79SS-2A(0-1)	79SS-2ADUP(0-1)	79SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg						< 0.488 R			
1,3-Dinitrobenzene	99-65-0	mg/kg						< 0.496 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg						< 0.456 U			
HMX	2691-41-0	mg/kg						< 0.666 U			
Nitrobenzene	98-95-3	mg/kg						< 2.41 U			
Nitrocellulose	9004-70-0	mg/kg						< 10.4 U			
Nitroglycerin	55-63-0	mg/kg						< 4 U			
Nitroguanidine	556-88-7	mg/kg						< 0.475 UJ			
PETN	78-11-5	mg/kg						< 4 U			
Picric Acid	88-89-1	mg/kg						< 0.108 U			
RDX	121-82-4	mg/kg						< 0.587 U			
Tetrazene	14097-21-3	mg/kg						< 1.19 UJ			
Tetryl	479-45-8	mg/kg						< 0.731 U			
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg						< 0.424 U			
2,6-Dinitrotoluene	606-20-2	mg/kg						< 0.524 U			
Isotope											
Radium-228	15262-20-1	pCi/g		0.68	0.6	< 0.47 U	0.94				
Metals											
Aluminum	7429-90-5	mg/kg						8390			
Antimony	7440-36-0	mg/kg						0.5			
Arsenic	7440-38-2	mg/kg	2.9	5.4	4.1	3.5 D	11.5 D	9.55			
Barium	7440-39-3	mg/kg						55.3			
Beryllium	7440-41-7	mg/kg						0.75			
Boron	7440-42-8	mg/kg						< 5.91 U			
Cadmium	7440-43-9	mg/kg						3.13			
Calcium	7440-70-2	mg/kg						5920			
Chromium	7440-47-3	mg/kg						24			
Cobalt	7440-48-4	mg/kg						8.92			
Copper	7440-50-8	mg/kg						73			
Iron	7439-89-6	mg/kg						15700			
Lead	7439-92-1	mg/kg						495			9.5 J
Magnesium	7439-95-4	mg/kg						3820			
Manganese	7439-96-5	mg/kg						252			
Mercury	7439-97-6	mg/kg						0.19			
Nickel	7440-02-0	mg/kg						19.6			
Potassium	7440-09-7	mg/kg						651			
Selenium	7782-49-2	mg/kg						3.99			
Silver	7440-22-4	mg/kg						< 0.589 U			
Sodium	7440-23-5	mg/kg						571			
Strontium	7440-24-6	mg/kg						44			
Thallium	7440-28-0	mg/kg						0.18			
Titanium	7440-32-6	mg/kg						701			
Vanadium	7440-62-2	mg/kg						44.6			
Zinc	7440-66-6	mg/kg						409			
Zirconium	7440-67-7	mg/kg						7.13			

		Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SB-006	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SS-001A	I-79-SS-002A	I-79-SS-002A	I-79-SS-003
		Sample Date	6/4/2001	6/12/2001	6/12/2001	6/12/2001	6/12/2001	3/19/1996	3/26/1996	3/26/1996	4/30/2001
		Depth Interval	5 - 7	0 - 2	0 - 2	10 - 12	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	79SB-6B(5-7)	79SB-7A(0-2)	79SB-7ADUP(0-2)	79SB-7C(10-12)	79SB-7B(5-7)	79SS-1A(0-1)	79SS-2A(0-1)	79SS-2ADUP(0-1)	79SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
PCBs											
Aroclor 1016	12674-11-2	mg/kg							< 0.0666 U	< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg							< 0.082 UT	< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg							< 0.082 UT	< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg							< 0.082 UT	< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg							< 0.082 UT	< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg							< 0.082 UT	< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg							< 0.0804 U	< 0.0804 U	
Pesticides											
Mirex	2385-85-5	mg/kg						< 0.25 U			
Radiological											
Americium-241	86954-36-1	pCi/g		< 0.32 U	< 0.36 U	< 0.13 U	< 0.15 U				
Cesium-137	10045-97-3	pCi/g		< 0.073 U	< 0.083 U	< 0.076 U	< 0.12 U				
Cobalt-60	10198-40-0	pCi/g		< 0.064 U	< 0.085 U	< 0.094 U	< 0.07 U				
Gross alpha	12587-46-1	pCi/g		9.8 J	7.6 J	8.7 J	< 6 U				
Gross beta	12587-47-2	pCi/g		17	14.1	31.5	12.9				
Radium-226	13982-63-3	pCi/g		0.43 J	0.55 J	0.45 J	0.54 J				
Total Uranium	7440-61-1 U	mg/kg		0.26 J	0.38 J	0.06 J	< 0.1 U				
Uranium-234	13966-29-5	pCi/g		0.65 J	0.54 J	0.41 J	0.79 J				
Uranium-235	15117-96-1	pCi/g		< 0.1 U	< 0.14 U	< 0.096 U	< 0.067 U				
Uranium-238	7440-61-1 U-238	pCi/g		0.45 J	0.66 J	0.55 J	0.58 J				
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						< 0.24 U			
1,2,4-Trichlorobenzene	120-82-1	mg/kg						< 0.04 U			
1,2-Dichlorobenzene	95-50-1	mg/kg						< 0.11 U			
1,3-Dichlorobenzene	541-73-1	mg/kg						< 0.13 U			
1,4-Dichlorobenzene	106-46-7	mg/kg						< 0.098 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg						< 0.1 U			
2,4,6-Trichlorophenol	88-06-2	mg/kg						< 0.17 U			
2,4-Dichlorophenol	120-83-2	mg/kg						< 0.18 U			
2,4-Dimethylphenol	105-67-9	mg/kg						< 0.69 U			
2,4-Dinitrophenol	51-28-5	mg/kg						< 1.2 U			
2-Chloronaphthalene	91-58-7	mg/kg						< 0.036 U			
2-Chlorophenol	95-57-8	mg/kg						< 0.06 U			
2-Methylnaphthalene	91-57-6	mg/kg						< 0.049 U			
2-Methylphenol	95-48-7	mg/kg						< 0.029 U			
2-Nitroaniline	88-74-4	mg/kg						< 0.062 U			
2-Nitrophenol	88-75-5	mg/kg						< 0.14 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg						< 6.3 U			
3-Nitroaniline	99-09-2	mg/kg						< 0.45 U			
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						< 0.55 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg						< 0.033 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg						< 0.095 U			
4-Chloroaniline	106-47-8	mg/kg						< 0.81 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						< 0.033 U			
4-Methylphenol	106-44-5	mg/kg						< 0.24 U#			
4-Nitroaniline	100-01-6	mg/kg						< 0.41 U			
4-Nitrophenol	100-02-7	mg/kg						< 1.4 U			
Acenaphthene	83-32-9	mg/kg						< 0.036 U			
Acenaphthylene	208-96-8	mg/kg						< 0.033 U			

Chemical Name	CAS No	Site Name	79	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SB-006	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SS-001A	I-79-SS-002A	I-79-SS-002A	I-79-SS-003	
		Sample Date	6/4/2001	6/12/2001	6/12/2001	6/12/2001	6/12/2001	3/19/1996	3/26/1996	3/26/1996	4/30/2001	
		Depth Interval	5 - 7	0 - 2	0 - 2	10 - 12	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	
		Sample ID	79SB-6B(5-7)	79SB-7A(0-2)	79SB-7ADUP(0-2)	79SB-7C(10-12)	79SB-7B(5-7)	79SS-1A(0-1)	79SS-2A(0-1)	79SS-2ADUP(0-1)	79SS-3A(0-1)	
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO	
		Unit										
SVOC (continued)												
Aniline	62-53-3	mg/kg						< 0.65 U				
Anthracene	120-12-7	mg/kg						3				
Benz(a)anthracene	56-55-3	mg/kg						10				
Benzo(a)pyrene	50-32-8	mg/kg						12				
Benzo(b)fluoranthene	205-99-2	mg/kg						12				
Benzo(g,h,i)perylene	191-24-2	mg/kg						< 0.25 U				
Benzo(k)fluoranthene	207-08-9	mg/kg						11				
Benzyl alcohol	100-51-6	mg/kg						< 0.19 U				
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						< 0.059 U				
bis(2-Chloroethyl)ether	111-44-4	mg/kg						< 0.033 U				
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						< 0.2 U				
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						< 0.62 U				
Butylbenzyl phthalate	85-68-7	mg/kg						< 0.17 U				
Carbazole	86-74-8	mg/kg						< 0.14 U				
Chrysene	218-01-9	mg/kg						12				
Dibenz(a,h)anthracene	53-70-3	mg/kg						< 0.21 U				
Dibenzofuran	132-64-9	mg/kg						< 0.035 U				
Diethylphthalate	84-66-2	mg/kg						< 0.24 U				
Dimethylphthalate	131-11-3	mg/kg						< 0.17 U				
di-n-Butylphthalate	84-74-2	mg/kg						< 0.061 U				
di-n-Octylphthalate	117-84-0	mg/kg						< 0.19 U				
Diphenylamine	122-39-4	mg/kg						< 0.13 U				
Fluoranthene	206-44-0	mg/kg						12				
Fluorene	86-73-7	mg/kg						< 0.033 U				
Hexachlorobenzene	118-74-1	mg/kg						< 0.033 U				
Hexachlorobutadiene	87-68-3	mg/kg						< 0.23 U				
Hexachlorocyclopentadiene	77-47-4	mg/kg						< 6.2 U				
Hexachloroethane	67-72-1	mg/kg						< 0.15 U				
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						< 0.29 U				
Isophorone	78-59-1	mg/kg						< 0.033 U				
Naphthalene	91-20-3	mg/kg						< 0.037 U				
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						< 0.2 U				
n-Nitrosodiphenylamine	86-30-6	mg/kg						< 0.19 U				
Pentachlorophenol	87-86-5	mg/kg						< 1.3 U				
Phenanthrene	85-01-8	mg/kg						8				
Phenol	108-95-2	mg/kg						< 0.11 U				
Pyrene	129-00-0	mg/kg						12				
TPH												
Diesel Fuel	68334-30-5	mg/kg						< 10 U				
Gasoline range organics	GRO	mg/kg						< 10 U				
TPH, aviation gas fraction	50815-00-4	mg/kg						< 10 U				
TRPH	TRPH	mg/kg										
VOC												
1,1,1-Trichloroethane	71-55-6	mg/kg						< 0.44 U				
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						< 0.82 U				
1,1,2-Trichloroethane	79-00-5	mg/kg						< 0.54 U				
1,1-Dichloroethane	75-34-3	mg/kg						< 0.23 U				
1,1-Dichloroethene	75-35-4	mg/kg						< 0.39 U				
1,2-Dichloroethane	107-06-2	mg/kg						< 0.17 U				

Chemical Name	CAS No	Site Name	79	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SB-006	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SB-007	I-79-SS-001A	I-79-SS-002A	I-79-SS-002A	I-79-SS-003
		Sample Date	6/4/2001	6/12/2001	6/12/2001	6/12/2001	6/12/2001	3/19/1996	3/26/1996	3/26/1996	4/30/2001
		Depth Interval	5 - 7	0 - 2	0 - 2	10 - 12	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	79SB-6B(5-7)	79SB-7A(0-2)	79SB-7ADUP(0-2)	79SB-7C(10-12)	79SB-7B(5-7)	79SS-1A(0-1)	79SS-2A(0-1)	79SS-2ADUP(0-1)	79SS-3A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
VOC (continued)											
1,2-Dichloroethene (total)	540-59-0	mg/kg						< 0.3 U			
1,2-Dichloropropane	78-87-5	mg/kg						< 0.29 U			
2-Butanone	78-93-3	mg/kg						< 0.07 U			
2-Hexanone	591-78-6	mg/kg						< 0.032 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						< 0.027 U			
Acetone	67-64-1	mg/kg						< 0.017 U			
Acetonitrile	75-05-8	mg/kg						< 0.23 U			
Benzene	71-43-2	mg/kg						< 0.15 U			
Bromodichloromethane	75-27-4	mg/kg						< 0.29 U			
Bromoform	75-25-2	mg/kg						< 0.69 U			
Bromomethane	74-83-9	mg/kg						< 0.57 U			
Carbon disulfide	75-15-0	mg/kg						< 0.44 U			
Carbon tetrachloride	56-23-5	mg/kg						< 0.7 U			
Chlorobenzene	108-90-7	mg/kg						< 0.086 U			
Chloroethane	75-00-3	mg/kg						< 0.012 U			
Chloroform	67-66-3	mg/kg						< 0.087 U			
Chloromethane	74-87-3	mg/kg						< 0.88 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg						< 0.32 U			
Dibromochloromethane	124-48-1	mg/kg						< 0.31 U			
Dichlorodifluoromethane	75-71-8	mg/kg						< 0.014 U			
Ethanol	64-17-5	mg/kg						< 3.7 U			
Ethyl benzene	100-41-4	mg/kg						< 0.17 U			
Isopropanol	67-63-0	mg/kg						< 0.79 U			
Methylene chloride	75-09-2	mg/kg						< 0.012 U			
Styrene	100-42-5	mg/kg						< 0.26 U			
tert-Butylalcohol	75-65-0	mg/kg						< 0.5 U			
Tetrachloroethene	127-18-4	mg/kg						< 0.081 U			
Toluene	108-88-3	mg/kg						< 0.078 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg						< 0.28 U			
Trichloroethene	79-01-6	mg/kg						< 0.28 U			
Trichlorofluoromethane	75-69-4	mg/kg						< 0.59 U			
Vinyl acetate	108-05-4	mg/kg						< 0.032 U			
Vinyl chloride	75-01-4	mg/kg						< 0.62 U			
Xylenes	1330-20-7	mg/kg						< 0.15 U			
WetChem											
% Solids	%Solid	%	89.9	87.8	88.1	97	91.8				97.1
Ammonia	7664-41-7	mg/kg						186			
Chloride	16887-00-6	mg/kg						< 6.05 U			
Cyanide	57-12-5	mg/kg						< 0.92 U			
Fluoride	16984-48-8	mg/kg						< 3.62 U			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg						7.32			
Phosphate	14265-44-2	mg/kg						470			
Sulfate	14808-79-8	mg/kg						< 90.4 U			
Sulfide	18496-25-8	mg/kg						< 6 U			

Chemical Name	CAS No	Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SS-003	I-79-SS-004	I-79-SS-004	I-79-SS-005	I-79-SS-005	I-79-SS-006	I-79-SS-006	I-79-SS-007	I-79-SS-008
		Sample Date	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	79SS-3C(2-3)	79SS-4A(0-1)	79SS-4C(2-3)	79SS-5A(0-1)	79SS-5C(2-3)	79SS-6A(0-1)	79SS-6C(2-3)	79SS-7A(0-1)	79SS-8A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg									
1,3-Dinitrobenzene	99-65-0	mg/kg									
2,4,6-Trinitrotoluene	118-96-7	mg/kg									
HMX	2691-41-0	mg/kg									
Nitrobenzene	98-95-3	mg/kg									
Nitrocellulose	9004-70-0	mg/kg									
Nitroglycerin	55-63-0	mg/kg									
Nitroguanidine	556-88-7	mg/kg									
PETN	78-11-5	mg/kg									
Picric Acid	88-89-1	mg/kg									
RDX	121-82-4	mg/kg									
Tetrazene	14097-21-3	mg/kg									
Tetryl	479-45-8	mg/kg									
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg									
2,6-Dinitrotoluene	606-20-2	mg/kg									
Isotope											
Radium-228	15262-20-1	pCi/g									
Metals											
Aluminum	7429-90-5	mg/kg									
Antimony	7440-36-0	mg/kg									
Arsenic	7440-38-2	mg/kg									
Barium	7440-39-3	mg/kg									
Beryllium	7440-41-7	mg/kg									
Boron	7440-42-8	mg/kg									
Cadmium	7440-43-9	mg/kg									
Calcium	7440-70-2	mg/kg									
Chromium	7440-47-3	mg/kg									
Cobalt	7440-48-4	mg/kg									
Copper	7440-50-8	mg/kg									
Iron	7439-89-6	mg/kg									
Lead	7439-92-1	mg/kg	1.3 J	9.7 J	1.5 J	268 J	261 J	36.8 J	2.5		
Magnesium	7439-95-4	mg/kg									
Manganese	7439-96-5	mg/kg									
Mercury	7439-97-6	mg/kg									
Nickel	7440-02-0	mg/kg									
Potassium	7440-09-7	mg/kg									
Selenium	7782-49-2	mg/kg									
Silver	7440-22-4	mg/kg									
Sodium	7440-23-5	mg/kg									
Strontium	7440-24-6	mg/kg									
Thallium	7440-28-0	mg/kg									
Titanium	7440-32-6	mg/kg									
Vanadium	7440-62-2	mg/kg									
Zinc	7440-66-6	mg/kg									
Zirconium	7440-67-7	mg/kg									

Chemical Name	CAS No	Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SS-003	I-79-SS-004	I-79-SS-004	I-79-SS-005	I-79-SS-005	I-79-SS-006	I-79-SS-006	I-79-SS-007	I-79-SS-008
		Sample Date	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	79SS-3C(2-3)	79SS-4A(0-1)	79SS-4C(2-3)	79SS-5A(0-1)	79SS-5C(2-3)	79SS-6A(0-1)	79SS-6C(2-3)	79SS-7A(0-1)	79SS-8A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
PCBs											
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg									
Aroclor 1232	11141-16-5	mg/kg									
Aroclor 1242	53469-21-9	mg/kg									
Aroclor 1248	12672-29-6	mg/kg									
Aroclor 1254	11097-69-1	mg/kg									
Aroclor 1260	11096-82-5	mg/kg									
Pesticides											
Mirex	2385-85-5	mg/kg									
Radiological											
Americium-241	86954-36-1	pCi/g									
Cesium-137	10045-97-3	pCi/g									
Cobalt-60	10198-40-0	pCi/g									
Gross alpha	12587-46-1	pCi/g									
Gross beta	12587-47-2	pCi/g									
Radium-226	13982-63-3	pCi/g									
Total Uranium	7440-61-1 U	mg/kg									
Uranium-234	13966-29-5	pCi/g									
Uranium-235	15117-96-1	pCi/g									
Uranium-238	7440-61-1 U-238	pCi/g									
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg									
1,2,4-Trichlorobenzene	120-82-1	mg/kg									
1,2-Dichlorobenzene	95-50-1	mg/kg									
1,3-Dichlorobenzene	541-73-1	mg/kg									
1,4-Dichlorobenzene	106-46-7	mg/kg									
2,4,5-Trichlorophenol	95-95-4	mg/kg									
2,4,6-Trichlorophenol	88-06-2	mg/kg									
2,4-Dichlorophenol	120-83-2	mg/kg									
2,4-Dimethylphenol	105-67-9	mg/kg									
2,4-Dinitrophenol	51-28-5	mg/kg									
2-Chloronaphthalene	91-58-7	mg/kg									
2-Chlorophenol	95-57-8	mg/kg									
2-Methylnaphthalene	91-57-6	mg/kg									
2-Methylphenol	95-48-7	mg/kg									
2-Nitroaniline	88-74-4	mg/kg									
2-Nitrophenol	88-75-5	mg/kg									
3,3'-Dichlorobenzidine	91-94-1	mg/kg									
3-Nitroaniline	99-09-2	mg/kg									
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg									
4-Bromophenyl phenyl ether	101-55-3	mg/kg									
4-Chloro-3-methylphenol	59-50-7	mg/kg									
4-Chloroaniline	106-47-8	mg/kg									
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg									
4-Methylphenol	106-44-5	mg/kg									
4-Nitroaniline	100-01-6	mg/kg									
4-Nitrophenol	100-02-7	mg/kg									
Acenaphthene	83-32-9	mg/kg								< 0.4 U	< 0.37 U
Acenaphthylene	208-96-8	mg/kg								< 0.4 U	< 0.37 U

Chemical Name	CAS No	Unit	79 I-79-SS-003 4/30/2001 2 - 3 79SS-3C(2-3) SO	79 I-79-SS-004 4/30/2001 0 - 1 79SS-4A(0-1) SO	79 I-79-SS-004 4/30/2001 2 - 3 79SS-4C(2-3) SO	79 I-79-SS-005 4/30/2001 0 - 1 79SS-5A(0-1) SO	79 I-79-SS-005 4/30/2001 2 - 3 79SS-5C(2-3) SO	79 I-79-SS-006 4/30/2001 0 - 1 79SS-6A(0-1) SO	79 I-79-SS-006 4/30/2001 2 - 3 79SS-6C(2-3) SO	79 I-79-SS-007 4/30/2001 0 - 1 79SS-7A(0-1) SO	79 I-79-SS-008 4/30/2001 0 - 1 79SS-8A(0-1) SO
SVOC (continued)											
Aniline	62-53-3	mg/kg									
Anthracene	120-12-7	mg/kg								< 0.4 U	0.14 J
Benz(a)anthracene	56-55-3	mg/kg								0.63	2.1
Benzo(a)pyrene	50-32-8	mg/kg								0.64	2.1
Benzo(b)fluoranthene	205-99-2	mg/kg								0.96	3.3
Benzo(g,h,i)perylene	191-24-2	mg/kg								0.45	1.3
Benzo(k)fluoranthene	207-08-9	mg/kg								0.29 J	1.2
Benzyl alcohol	100-51-6	mg/kg									
bis(2-Chloroethoxy)methane	111-91-1	mg/kg									
bis(2-Chloroethyl)ether	111-44-4	mg/kg									
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg									
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg									
Butylbenzyl phthalate	85-68-7	mg/kg									
Carbazole	86-74-8	mg/kg									
Chrysene	218-01-9	mg/kg								0.63	2
Dibenz(a,h)anthracene	53-70-3	mg/kg								< 0.4 U	0.39
Dibenzofuran	132-64-9	mg/kg									
Diethylphthalate	84-66-2	mg/kg									
Dimethylphthalate	131-11-3	mg/kg									
di-n-Butylphthalate	84-74-2	mg/kg									
di-n-Octylphthalate	117-84-0	mg/kg									
Diphenylamine	122-39-4	mg/kg									
Fluoranthene	206-44-0	mg/kg								0.9	3.1
Fluorene	86-73-7	mg/kg								< 0.4 U	< 0.37 U
Hexachlorobenzene	118-74-1	mg/kg									
Hexachlorobutadiene	87-68-3	mg/kg									
Hexachlorocyclopentadiene	77-47-4	mg/kg									
Hexachloroethane	67-72-1	mg/kg									
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg								0.42	1.3
Isophorone	78-59-1	mg/kg									
Naphthalene	91-20-3	mg/kg								< 0.4 U	< 0.37 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg									
n-Nitrosodiphenylamine	86-30-6	mg/kg									
Pentachlorophenol	87-86-5	mg/kg									
Phenanthrene	85-01-8	mg/kg								0.32 J	1.1
Phenol	108-95-2	mg/kg									
Pyrene	129-00-0	mg/kg								0.77	2.8
TPH											
Diesel Fuel	68334-30-5	mg/kg									
Gasoline range organics	GRO	mg/kg									
TPH, aviation gas fraction	50815-00-4	mg/kg									
TRPH	TRPH	mg/kg									
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg									
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg									
1,1,2-Trichloroethane	79-00-5	mg/kg									
1,1-Dichloroethane	75-34-3	mg/kg									
1,1-Dichloroethene	75-35-4	mg/kg									
1,2-Dichloroethane	107-06-2	mg/kg									

Chemical Name	CAS No	Site Name	79	79	79	79	79	79	79	79	79
		Location ID	I-79-SS-003	I-79-SS-004	I-79-SS-004	I-79-SS-005	I-79-SS-005	I-79-SS-006	I-79-SS-006	I-79-SS-007	I-79-SS-008
		Sample Date	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001	4/30/2001
		Depth Interval	2 - 3	0 - 1	2 - 3	0 - 1	2 - 3	0 - 1	2 - 3	0 - 1	0 - 1
		Sample ID	79SS-3C(2-3)	79SS-4A(0-1)	79SS-4C(2-3)	79SS-5A(0-1)	79SS-5C(2-3)	79SS-6A(0-1)	79SS-6C(2-3)	79SS-7A(0-1)	79SS-8A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
VOC (continued)											
1,2-Dichloroethene (total)	540-59-0	mg/kg									
1,2-Dichloropropane	78-87-5	mg/kg									
2-Butanone	78-93-3	mg/kg									
2-Hexanone	591-78-6	mg/kg									
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg									
Acetone	67-64-1	mg/kg									
Acetonitrile	75-05-8	mg/kg									
Benzene	71-43-2	mg/kg									
Bromodichloromethane	75-27-4	mg/kg									
Bromoform	75-25-2	mg/kg									
Bromomethane	74-83-9	mg/kg									
Carbon disulfide	75-15-0	mg/kg									
Carbon tetrachloride	56-23-5	mg/kg									
Chlorobenzene	108-90-7	mg/kg									
Chloroethane	75-00-3	mg/kg									
Chloroform	67-66-3	mg/kg									
Chloromethane	74-87-3	mg/kg									
cis-1,3-Dichloropropene	10061-01-5	mg/kg									
Dibromochloromethane	124-48-1	mg/kg									
Dichlorodifluoromethane	75-71-8	mg/kg									
Ethanol	64-17-5	mg/kg									
Ethyl benzene	100-41-4	mg/kg									
Isopropanol	67-63-0	mg/kg									
Methylene chloride	75-09-2	mg/kg									
Styrene	100-42-5	mg/kg									
tert-Butylalcohol	75-65-0	mg/kg									
Tetrachloroethene	127-18-4	mg/kg									
Toluene	108-88-3	mg/kg									
trans-1,3-Dichloropropene	10061-02-6	mg/kg									
Trichloroethene	79-01-6	mg/kg									
Trichlorofluoromethane	75-69-4	mg/kg									
Vinyl acetate	108-05-4	mg/kg									
Vinyl chloride	75-01-4	mg/kg									
Xylenes	1330-20-7	mg/kg									
WetChem											
% Solids	%Solid	%	95.3	89.7	92.9	86.7	83.8	95.4	95.6	82.2	89.7
Ammonia	7664-41-7	mg/kg									
Chloride	16887-00-6	mg/kg									
Cyanide	57-12-5	mg/kg									
Fluoride	16984-48-8	mg/kg									
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg									
Phosphate	14265-44-2	mg/kg									
Sulfate	14808-79-8	mg/kg									
Sulfide	18496-25-8	mg/kg									

		Site Name	79	79
		Location ID	I-79-SS-009	I-79-SS-010A
		Sample Date	2/13/2002	2/13/2002
		Depth Interval	0 - 1	0 - 1
		Sample ID	79SS-9(0-1)	79SS-10(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg		
1,3-Dinitrobenzene	99-65-0	mg/kg		
2,4,6-Trinitrotoluene	118-96-7	mg/kg		
HMX	2691-41-0	mg/kg		
Nitrobenzene	98-95-3	mg/kg		
Nitrocellulose	9004-70-0	mg/kg		
Nitroglycerin	55-63-0	mg/kg		
Nitroguanidine	556-88-7	mg/kg		
PETN	78-11-5	mg/kg		
Picric Acid	88-89-1	mg/kg		
RDX	121-82-4	mg/kg		
Tetrazene	14097-21-3	mg/kg		
Tetryl	479-45-8	mg/kg		
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg		
2,6-Dinitrotoluene	606-20-2	mg/kg		
Isotope				
Radium-228	15262-20-1	pCi/g		
Metals				
Aluminum	7429-90-5	mg/kg		
Antimony	7440-36-0	mg/kg		
Arsenic	7440-38-2	mg/kg		
Barium	7440-39-3	mg/kg		
Beryllium	7440-41-7	mg/kg		
Boron	7440-42-8	mg/kg		
Cadmium	7440-43-9	mg/kg		
Calcium	7440-70-2	mg/kg		
Chromium	7440-47-3	mg/kg		
Cobalt	7440-48-4	mg/kg		
Copper	7440-50-8	mg/kg		
Iron	7439-89-6	mg/kg		
Lead	7439-92-1	mg/kg		
Magnesium	7439-95-4	mg/kg		
Manganese	7439-96-5	mg/kg		
Mercury	7439-97-6	mg/kg		
Nickel	7440-02-0	mg/kg		
Potassium	7440-09-7	mg/kg		
Selenium	7782-49-2	mg/kg		
Silver	7440-22-4	mg/kg		
Sodium	7440-23-5	mg/kg		
Strontium	7440-24-6	mg/kg		
Thallium	7440-28-0	mg/kg		
Titanium	7440-32-6	mg/kg		
Vanadium	7440-62-2	mg/kg		
Zinc	7440-66-6	mg/kg		
Zirconium	7440-67-7	mg/kg		

		Site Name	79	79
		Location ID	I-79-SS-009	I-79-SS-010A
		Sample Date	2/13/2002	2/13/2002
		Depth Interval	0 - 1	0 - 1
		Sample ID	79SS-9(0-1)	79SS-10(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
PCBs				
Aroclor 1016	12674-11-2	mg/kg		
Aroclor 1221	11104-28-2	mg/kg		
Aroclor 1232	11141-16-5	mg/kg		
Aroclor 1242	53469-21-9	mg/kg		
Aroclor 1248	12672-29-6	mg/kg		
Aroclor 1254	11097-69-1	mg/kg		
Aroclor 1260	11096-82-5	mg/kg		
Pesticides				
Mirex	2385-85-5	mg/kg		
Radiological				
Americium-241	86954-36-1	pCi/g		
Cesium-137	10045-97-3	pCi/g		
Cobalt-60	10198-40-0	pCi/g		
Gross alpha	12587-46-1	pCi/g		
Gross beta	12587-47-2	pCi/g		
Radium-226	13982-63-3	pCi/g		
Total Uranium	7440-61-1 U	mg/kg		
Uranium-234	13966-29-5	pCi/g		
Uranium-235	15117-96-1	pCi/g		
Uranium-238	7440-61-1 U-238	pCi/g		
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg		
1,2,4-Trichlorobenzene	120-82-1	mg/kg		
1,2-Dichlorobenzene	95-50-1	mg/kg		
1,3-Dichlorobenzene	541-73-1	mg/kg		
1,4-Dichlorobenzene	106-46-7	mg/kg		
2,4,5-Trichlorophenol	95-95-4	mg/kg		
2,4,6-Trichlorophenol	88-06-2	mg/kg		
2,4-Dichlorophenol	120-83-2	mg/kg		
2,4-Dimethylphenol	105-67-9	mg/kg		
2,4-Dinitrophenol	51-28-5	mg/kg		
2-Chloronaphthalene	91-58-7	mg/kg		
2-Chlorophenol	95-57-8	mg/kg		
2-Methylnaphthalene	91-57-6	mg/kg		
2-Methylphenol	95-48-7	mg/kg		
2-Nitroaniline	88-74-4	mg/kg		
2-Nitrophenol	88-75-5	mg/kg		
3,3'-Dichlorobenzidine	91-94-1	mg/kg		
3-Nitroaniline	99-09-2	mg/kg		
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		
4-Bromophenyl phenyl ether	101-55-3	mg/kg		
4-Chloro-3-methylphenol	59-50-7	mg/kg		
4-Chloroaniline	106-47-8	mg/kg		
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		
4-Methylphenol	106-44-5	mg/kg		
4-Nitroaniline	100-01-6	mg/kg		
4-Nitrophenol	100-02-7	mg/kg		
Acenaphthene	83-32-9	mg/kg	< 0.37 U	< 0.87 UD
Acenaphthylene	208-96-8	mg/kg	0.07 J	0.14 JD

		Site Name	79	79
		Location ID	I-79-SS-009	I-79-SS-010A
		Sample Date	2/13/2002	2/13/2002
		Depth Interval	0 - 1	0 - 1
		Sample ID	79SS-9(0-1)	79SS-10(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
SVOC (continued)				
Aniline	62-53-3	mg/kg		
Anthracene	120-12-7	mg/kg	0.24 J	0.5 JD
Benz(a)anthracene	56-55-3	mg/kg	1.5	4.1 D
Benzo(a)pyrene	50-32-8	mg/kg	2.3	6.2 D
Benzo(b)fluoranthene	205-99-2	mg/kg	2.3	6.9 D
Benzo(g,h,i)perylene	191-24-2	mg/kg	1.5	4.1 D
Benzo(k)fluoranthene	207-08-9	mg/kg	1.3	3.8 D
Benzyl alcohol	100-51-6	mg/kg		
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		
bis(2-Chloroethyl)ether	111-44-4	mg/kg		
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		
Butylbenzyl phthalate	85-68-7	mg/kg		
Carbazole	86-74-8	mg/kg		
Chrysene	218-01-9	mg/kg	2	5.9 D
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.44	1.3 D
Dibenzofuran	132-64-9	mg/kg		
Diethylphthalate	84-66-2	mg/kg		
Dimethylphthalate	131-11-3	mg/kg		
di-n-Butylphthalate	84-74-2	mg/kg		
di-n-Octylphthalate	117-84-0	mg/kg		
Diphenylamine	122-39-4	mg/kg		
Fluoranthene	206-44-0	mg/kg	2.8	8 D
Fluorene	86-73-7	mg/kg	0.22 J	0.5 JD
Hexachlorobenzene	118-74-1	mg/kg		
Hexachlorobutadiene	87-68-3	mg/kg		
Hexachlorocyclopentadiene	77-47-4	mg/kg		
Hexachloroethane	67-72-1	mg/kg		
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	1.3	3.9 D
Isophorone	78-59-1	mg/kg		
Naphthalene	91-20-3	mg/kg	< 0.37 U	< 0.87 UD
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		
n-Nitrosodiphenylamine	86-30-6	mg/kg		
Pentachlorophenol	87-86-5	mg/kg		
Phenanthrene	85-01-8	mg/kg	0.94	2.7 D
Phenol	108-95-2	mg/kg		
Pyrene	129-00-0	mg/kg	3.7	9.3 D
TPH				
Diesel Fuel	68334-30-5	mg/kg		
Gasoline range organics	GRO	mg/kg		
TPH, aviation gas fraction	50815-00-4	mg/kg		
TRPH	TRPH	mg/kg		
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg		
1,1,2-Trichloroethane	79-00-5	mg/kg		
1,1-Dichloroethane	75-34-3	mg/kg		
1,1-Dichloroethene	75-35-4	mg/kg		
1,2-Dichloroethane	107-06-2	mg/kg		

		Site Name	79	79
		Location ID	I-79-SS-009	I-79-SS-010A
		Sample Date	2/13/2002	2/13/2002
		Depth Interval	0 - 1	0 - 1
		Sample ID	79SS-9(0-1)	79SS-10(0-1)
		Sample Matrix	SO	SO
Chemical Name	**CAS No**	**Unit**		
VOC (continued)				
1,2-Dichloroethene (total)	540-59-0	mg/kg		
1,2-Dichloropropane	78-87-5	mg/kg		
2-Butanone	78-93-3	mg/kg		
2-Hexanone	591-78-6	mg/kg		
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg		
Acetone	67-64-1	mg/kg		
Acetonitrile	75-05-8	mg/kg		
Benzene	71-43-2	mg/kg		
Bromodichloromethane	75-27-4	mg/kg		
Bromoform	75-25-2	mg/kg		
Bromomethane	74-83-9	mg/kg		
Carbon disulfide	75-15-0	mg/kg		
Carbon tetrachloride	56-23-5	mg/kg		
Chlorobenzene	108-90-7	mg/kg		
Chloroethane	75-00-3	mg/kg		
Chloroform	67-66-3	mg/kg		
Chloromethane	74-87-3	mg/kg		
cis-1,3-Dichloropropene	10061-01-5	mg/kg		
Dibromochloromethane	124-48-1	mg/kg		
Dichlorodifluoromethane	75-71-8	mg/kg		
Ethanol	64-17-5	mg/kg		
Ethyl benzene	100-41-4	mg/kg		
Isopropanol	67-63-0	mg/kg		
Methylene chloride	75-09-2	mg/kg		
Styrene	100-42-5	mg/kg		
tert-Butylalcohol	75-65-0	mg/kg		
Tetrachloroethene	127-18-4	mg/kg		
Toluene	108-88-3	mg/kg		
trans-1,3-Dichloropropene	10061-02-6	mg/kg		
Trichloroethene	79-01-6	mg/kg		
Trichlorofluoromethane	75-69-4	mg/kg		
Vinyl acetate	108-05-4	mg/kg		
Vinyl chloride	75-01-4	mg/kg		
Xylenes	1330-20-7	mg/kg		
WetChem				
% Solids	%Solid	%	88.2	75.9
Ammonia	7664-41-7	mg/kg		
Chloride	16887-00-6	mg/kg		
Cyanide	57-12-5	mg/kg		
Fluoride	16984-48-8	mg/kg		
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg		
Phosphate	14265-44-2	mg/kg		
Sulfate	14808-79-8	mg/kg		
Sulfide	18496-25-8	mg/kg		

		Site Name	82	82	82	82	82
		Location ID	I-82-SD-001	I-82-SD-001	I-82-SD-002	I-82-SD-002	I-82-SD-003
		Sample Date	8/1/1996	10/14/1998	8/1/1996	10/14/1998	2/12/2002
		Depth Interval	0 - 1	0 - .5	0 - 1	0 - .5	0 - 1
		Sample ID	82SD-1(0-1)	82SD-1(0-0.5)	82SD-2(0-1)	82SD-2(0-0.5)	82SD-3A(0-1)
		Sample Matrix	SE	SE	SE	SE	SE
Chemical Name	CAS No	Unit					
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U		< 0.488 U		
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U		< 0.496 U		
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U		< 0.456 U		
HMX	2691-41-0	mg/kg	< 0.666 U		< 0.666 U		
Nitrobenzene	98-95-3	mg/kg	< 2.41 U		< 2.41 U		
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U		< 10.4 U		
Nitroglycerin	55-63-0	mg/kg	< 4 U		12.3		
Nitroguanidine	556-88-7	mg/kg	< 0.475 U		< 0.475 U		
PETN	78-11-5	mg/kg	< 4 U		< 4 U		
Picric Acid	88-89-1	mg/kg	< 0.108 U		< 0.108 U		
RDX	121-82-4	mg/kg	< 0.587 U		< 0.587 U		
Tetrazene	14097-21-3	mg/kg	< 1.19 U		< 1.19 U		
Tetryl	479-45-8	mg/kg	< 0.731 U		< 0.731 U		
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U		< 0.424 U		
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U		< 0.524 U		
Metals							
Aluminum	7429-90-5	mg/kg	19500		8580		
Antimony	7440-36-0	mg/kg	< 0.1 U		0.38		
Arsenic	7440-38-2	mg/kg	7.54		7.8		2.5 J
Barium	7440-39-3	mg/kg	58.8		39.1		
Beryllium	7440-41-7	mg/kg	< 0.5 U		< 0.5 U		
Boron	7440-42-8	mg/kg	< 5.91 U		14.3		
Cadmium	7440-43-9	mg/kg	< 0.7 U		1.83		
Calcium	7440-70-2	mg/kg	1550		5190		
Chromium	7440-47-3	mg/kg	16.7		14.9		
Cobalt	7440-48-4	mg/kg	7.5		3.62		
Copper	7440-50-8	mg/kg	20.4		27.7		
Iron	7439-89-6	mg/kg	15900		11100		
Lead	7439-92-1	mg/kg	23.7		57.4		
Magnesium	7439-95-4	mg/kg	1800		2120		
Manganese	7439-96-5	mg/kg	114		139		
Mercury	7439-97-6	mg/kg	0.66		0.26		
Nickel	7440-02-0	mg/kg	15.7		11.4		
Potassium	7440-09-7	mg/kg	802		254		
Selenium	7782-49-2	mg/kg	1.57		1.04		
Silver	7440-22-4	mg/kg	26		1100		
Sodium	7440-23-5	mg/kg	945		541		
Strontium	7440-24-6	mg/kg	25.4		110		
Thallium	7440-28-0	mg/kg	0.39		1.24		
Titanium	7440-32-6	mg/kg	629		791		
Vanadium	7440-62-2	mg/kg	33.4		10.9		
Zinc	7440-66-6	mg/kg	58.2		249		
Zirconium	7440-67-7	mg/kg	10.1		19.3		
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U		< 0.24 U		
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U		< 0.44 U		
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U		< 0.82 U		
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U		< 0.54 U		
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U		< 0.23 U		
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U		< 0.39 U		
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U		< 0.17 U		
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U		< 0.3 U		
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U		< 0.29 U		
2-Butanone	78-93-3	mg/kg	< 0.07 U		< 0.07 U		
2-Hexanone	591-78-6	mg/kg	< 0.032 U		< 0.032 U		
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U		< 0.027 U		
Acetone	67-64-1	mg/kg	< 0.017 U		< 0.017 U		
Acetonitrile	75-05-8	mg/kg	< 0.23 U		< 0.23 U		
Benzene	71-43-2	mg/kg	< 0.15 U		< 0.15 U		
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U		< 0.29 U		
Bromoform	75-25-2	mg/kg	< 0.69 U		< 0.69 U		
Bromomethane	74-83-9	mg/kg	< 0.57 U		< 0.57 U		
Carbon disulfide	75-15-0	mg/kg	< 0.44 U		< 0.44 U		
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U		< 0.7 U		
Chlorobenzene	108-90-7	mg/kg	< 0.086 U		< 0.086 U		
Chloroethane	75-00-3	mg/kg	< 0.012 U		< 0.012 U		
Chloroform	67-66-3	mg/kg	< 0.087 U		< 0.087 U		
Chloromethane	74-87-3	mg/kg	< 0.88 U		< 0.88 U		
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U		< 0.32 U		

		Site Name	82	82	82	82	82
		Location ID	I-82-SD-001	I-82-SD-001	I-82-SD-002	I-82-SD-002	I-82-SD-003
		Sample Date	8/1/1996	10/14/1998	8/1/1996	10/14/1998	2/12/2002
		Depth Interval	0 - 1	0 - .5	0 - 1	0 - .5	0 - 1
		Sample ID	82SD-1(0-1)	82SD-1(0-0.5)	82SD-2(0-1)	82SD-2(0-0.5)	82SD-3A(0-1)
		Sample Matrix	SE	SE	SE	SE	SE
Chemical Name	CAS No	Unit					
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U		< 0.31 U		
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U		< 0.014 U		
Ethanol	64-17-5	mg/kg	< 3.7 U		< 3.7 U		
Ethyl benzene	100-41-4	mg/kg	< 0.17 U		< 0.17 U		
Isopropanol	67-63-0	mg/kg	< 0.79 U		< 0.79 U		
Methylene chloride	75-09-2	mg/kg	< 0.012 U		< 0.012 U		
Styrene	100-42-5	mg/kg	< 0.26 U		< 0.26 U		
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U		< 0.5 U		
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U		< 0.081 U		
Toluene	108-88-3	mg/kg	< 0.078 U		< 0.078 U		
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U		< 0.28 U		
Trichloroethene	79-01-6	mg/kg	< 0.28 U		< 0.28 U		
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U		< 0.59 U		
Vinyl acetate	108-05-4	mg/kg	< 0.032 U		< 0.032 U		
Vinyl chloride	75-01-4	mg/kg	< 0.62 U		< 0.62 U		
Xylenes	1330-20-7	mg/kg	< 0.15 U		< 0.15 U		
WetChem							
% Solids	%Solid	%					68.9
Ammonia	7664-41-7	mg/kg	191		147		
Chloride	16887-00-6	mg/kg	57		12.1		
Cyanide	57-12-5	mg/kg	< 0.92 U		4.81		
Fluoride	16984-48-8	mg/kg	< 3.62 U		15.2		
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 UJ		< 0.6 UJ		
Phosphate	14265-44-2	mg/kg	1000		370		
Sulfate	14808-79-8	mg/kg	< 90.4 U		188		
Sulfide	18496-25-8	mg/kg	27.1		61.2		
Total organic carbon	TOC	mg/kg	54200	36500	68700	54700	

		Site Name	82	82	82	82	82	82	82
		Location ID	I-82-SS-001A	I-82-SS-002A	I-82-SS-003A	I-82-SS-004A	I-82-SS-005A	I-82-SS-006	I-82-SS-006A
		Sample Date	5/14/1996	4/24/1996	5/15/1996	3/27/1996	5/15/1996	5/8/2001	5/15/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	2 - 3	0 - 1
		Sample ID	82SS-1A(0-1)	82SS-2A(0-1)	82SS-3A(0-1)	82SS-4A(0-1)	82SS-5A(0-1)	82SS-6C(2-3)	82SS-6A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	CAS No	Unit							
Explosives									
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 UJ	< 0.488 U	< 0.488 UJ		< 0.488 UJ		< 0.488 UJ
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U		< 0.496 U		< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U		< 0.456 U		< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U		< 0.666 U		< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U		< 2.41 U		< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U		< 10.4 U		< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U		< 4 U		< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U		< 0.475 U		< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U		< 4 U		< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U		< 0.108 U		< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U		< 0.587 U		< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 UJ	< 1.19 R		< 1.19 R		< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U		< 0.731 U		< 0.731 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U		< 0.424 U		< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U		< 0.524 U		< 0.524 U
Isotope									
Radium-228	15262-20-1	pCi/g						7.5	
Metals									
Aluminum	7429-90-5	mg/kg	8700	9520	6440		20400		56800
Antimony	7440-36-0	mg/kg	< 0.1 U	0.46	< 0.1 U		< 0.1 U		< 0.1 U
Arsenic	7440-38-2	mg/kg	6.25	11.1	4.41		22.1	33 D	58
Barium	7440-39-3	mg/kg	44.3	68	33.6		224		429
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U		2.45		7.55
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	< 5.91 U		33		126
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U		< 0.7 U
Calcium	7440-70-2	mg/kg	2560	8450	1540		61000		200000
Chromium	7440-47-3	mg/kg	11.8	14.8	10.2		8.34		< 4.05 U
Cobalt	7440-48-4	mg/kg	8.94	8.06	7.2		7.46		< 1.42 U
Copper	7440-50-8	mg/kg	21.9	99	19.6		16.1		< 0.965 U
Iron	7439-89-6	mg/kg	16900	24500	14300		25400		18500
Lead	7439-92-1	mg/kg	18.7	59.2	8.66		23.5		158
Magnesium	7439-95-4	mg/kg	2910	7880	2410		23400		67000
Manganese	7439-96-5	mg/kg	496	431	303		1990		1900
Mercury	7439-97-6	mg/kg	< 0.05 U	0.52	< 0.05 U		0.13		< 0.05 U
Nickel	7440-02-0	mg/kg	13.9	18.7	11.6		10.8		< 1.71 U
Potassium	7440-09-7	mg/kg	575	3320	564		6500		2700
Selenium	7782-49-2	mg/kg	0.86	2.26	0.6		9.51		22.2
Silver	7440-22-4	mg/kg	1.91	220	< 0.589 U		< 0.589 U		< 0.589 U
Sodium	7440-23-5	mg/kg	379	396	386		1450		3960
Strontium	7440-24-6	mg/kg	33	25.5	11.6		320		770
Thallium	7440-28-0	mg/kg	0.13	0.17	< 0.1 U		0.23		< 0.1 U
Titanium	7440-32-6	mg/kg	336	776	208		2100		5700
Vanadium	7440-62-2	mg/kg	16.8	25.2	13.6		18.6		14.2
Zinc	7440-66-6	mg/kg	49.1	276	39.2		256		99.2
Zirconium	7440-67-7	mg/kg	10.5	6.44	4.81		49.3		180
PCBs									
Aroclor 1016	12674-11-2	mg/kg				< 0.0666 U			
Aroclor 1221	11104-28-2	mg/kg				< 0.082 UT			
Aroclor 1232	11141-16-5	mg/kg				< 0.082 UT			
Aroclor 1242	53469-21-9	mg/kg				< 0.082 UT			
Aroclor 1248	12672-29-6	mg/kg				< 0.082 UT			
Aroclor 1254	11097-69-1	mg/kg				< 0.082 UT			
Aroclor 1260	11096-82-5	mg/kg				< 0.0804 U			
Radiological									
Americium-241	86954-36-1	pCi/g	< 0.0557 U	< 0.323 U	< 0.231 U		0.18	< 0.51 U	0.38
Cesium-137	10045-97-3	pCi/g	0.02	0.98	< 0.0304 U		0.3	< 0.25 U	0.09
Cobalt-60	10198-40-0	pCi/g	< 0.0291 U	< 0.03 U	0.03		< 0.0321 U	< 0.2 U	< 0.0458 U
Gross alpha	12587-46-1	pCi/g	1.93	2.1	2.07		12.1		36.9
Gross beta	12587-47-2	pCi/g	2.74	4.35	1.96		13.8		23.8
Radium-226	13982-63-3	pCi/g	0.71	0.66	0.61		1.62	4.38	4.92
Total Uranium	7440-61-1 U	mg/kg	1.45	1.5	0.97		5.29		16.2
Uranium-235	15117-96-1	pCi/g	0.03	0.02	0.01		0.09		0.28
Uranium-238	7440-61-1 U-238	pCi/g	0.49	0.48	0.36		2.1		4.86
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U		< 0.24 U		< 0.24 U
VOC									
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U		< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U		< 0.82 U		< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U		< 0.54 U		< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U		< 0.39 U		< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U		< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U		< 0.3 U		< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U		< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U		< 0.07 U		< 0.07 U

		Site Name	82	82	82	82	82	82	82
		Location ID	I-82-SS-001A	I-82-SS-002A	I-82-SS-003A	I-82-SS-004A	I-82-SS-005A	I-82-SS-006	I-82-SS-006A
		Sample Date	5/14/1996	4/24/1996	5/15/1996	3/27/1996	5/15/1996	5/8/2001	5/15/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	2 - 3	0 - 1
		Sample ID	82SS-1A(0-1)	82SS-2A(0-1)	82SS-3A(0-1)	82SS-4A(0-1)	82SS-5A(0-1)	82SS-6C(2-3)	82SS-6A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO
Chemical Name	CAS No	Unit							
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U		< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U		< 0.027 U		< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U		< 0.017 U		< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U		< 0.23 U		< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U		< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U		< 0.29 U		< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U		< 0.69 U		< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U		< 0.57 U		< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U		< 0.44 U		< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U		< 0.7 U		< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U		< 0.086 U		< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U		< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U		< 0.087 U		< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U		< 0.88 U		< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U		< 0.32 U		< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U		< 0.31 U		< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U		< 0.014 U		< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U		< 3.7 U		< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U		< 0.17 U		< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U		< 0.79 U		< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U		< 0.012 U		< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U		< 0.26 U		< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 U		< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U		< 0.081 U		< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U		< 0.078 U		< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U		< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U		< 0.28 U		< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U	< 0.59 U		< 0.59 U		< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U		< 0.032 U		< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U		< 0.62 U		< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U		< 0.15 U		< 0.15 U
WetChem									
% Solids	%Solid	%						71.4	
Ammonia	7664-41-7	mg/kg	25.9	106	16.1		74.6		< 12.5 U
Chloride	16887-00-6	mg/kg	< 6.05 U	16.2	26.9		< 6.05 U		< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U		10.1		35
Fluoride	16984-48-8	mg/kg	< 3.62 U	35.6	< 3.62 U		7.71		6.35
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	0.61	3.15	2.07		2.34		0.94
Phosphate	14265-44-2	mg/kg	310	2500	470		4200		530
Sulfate	14808-79-8	mg/kg	< 90.4 U	173	< 90.4 U		259		483
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	21.5		560		16000

		Site Name	82	82	82	82	82	82
		Location ID	I-82-SS-007	I-82-SS-008	I-82-SS-008	I-82-SS-009	I-82-SS-010A	I-82-SS-011
		Sample Date	5/8/2001	5/8/2001	5/8/2001	5/8/2001	5/8/2001	2/12/2002
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	82SS-7A(0-1)	82SS-8A(0-1)	82SS-8ADUP(0-1)	82SS-9A(0-1)	82SS-10A(0-1)	82SS-11(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	CAS No	Unit						
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
Nitroguanidine	556-88-7	mg/kg						
PETN	78-11-5	mg/kg						
Picric Acid	88-89-1	mg/kg						
RDX	121-82-4	mg/kg						
Tetrazene	14097-21-3	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Isotope								
Radium-228	15262-20-1	pCi/g	3.06	0.73	0.96	2.94	4.5	
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg	18.1 D	8.6 D	5.4 JD	22.5 D	42.1 D	50.5 J
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Boron	7440-42-8	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg						
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Strontium	7440-24-6	mg/kg						
Thallium	7440-28-0	mg/kg						
Titanium	7440-32-6	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						
Zirconium	7440-67-7	mg/kg						
PCBs								
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg						
Aroclor 1232	11141-16-5	mg/kg						
Aroclor 1242	53469-21-9	mg/kg						
Aroclor 1248	12672-29-6	mg/kg						
Aroclor 1254	11097-69-1	mg/kg						
Aroclor 1260	11096-82-5	mg/kg						
Radiological								
Americium-241	86954-36-1	pCi/g	< 0.28 U	< 0.14 U	< 0.18 U	< 0.24 U	< 0.37 U	
Cesium-137	10045-97-3	pCi/g	0.22	0.13	0.14	< 0.12 U	< 0.17 U	
Cobalt-60	10198-40-0	pCi/g	< 0.13 U	< 0.058 U	< 0.082 U	< 0.13 U	< 0.13 U	
Gross alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Radium-226	13982-63-3	pCi/g	1.2	0.39 J	0.33 J	2	2.54	
Total Uranium	7440-61-1 U	mg/kg						
Uranium-235	15117-96-1	pCi/g						
Uranium-238	7440-61-1 U-238	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						
1,1-Dichloroethene	75-35-4	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
2-Butanone	78-93-3	mg/kg						

		Site Name	82	82	82	82	82	82
		Location ID	I-82-SS-007	I-82-SS-008	I-82-SS-008	I-82-SS-009	I-82-SS-010A	I-82-SS-011
		Sample Date	5/8/2001	5/8/2001	5/8/2001	5/8/2001	5/8/2001	2/12/2002
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	82SS-7A(0-1)	82SS-8A(0-1)	82SS-8ADUP(0-1)	82SS-9A(0-1)	82SS-10A(0-1)	82SS-11(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	CAS No	Unit						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethanol	64-17-5	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Isopropanol	67-63-0	mg/kg						
Methylene chloride	75-09-2	mg/kg						
Styrene	100-42-5	mg/kg						
tert-Butylalcohol	75-65-0	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl acetate	108-05-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Solids	%Solid	%	88.3	86.3	89.6	82.5	84.1	84.2
Ammonia	7664-41-7	mg/kg						
Chloride	16887-00-6	mg/kg						
Cyanide	57-12-5	mg/kg						
Fluoride	16984-48-8	mg/kg						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg						
Phosphate	14265-44-2	mg/kg						
Sulfate	14808-79-8	mg/kg						
Sulfide	18496-25-8	mg/kg						

		Site Name	82	82
		Location ID	I-82-SW-001	I-82-SW-002
		Sample Date	8/1/1996	8/1/1996
		Depth Interval		
		Sample ID	82SW-1(19960801)	82SW-2(19960801)
		Sample Matrix	WS	WS
Chemical Name	CAS No	Unit		
Explosives				
1,3,5-Trinitrobenzene	99-35-4	ug/L	< 0.449 U	< 0.449 U
1,3-Dinitrobenzene	99-65-0	ug/L	< 0.611 U	< 0.611 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	< 0.635 U	< 0.635 U
HMX	2691-41-0	ug/L	< 1.21 U	< 1.21 U
Nitrobenzene	98-95-3	ug/L	< 0.645 U	< 0.645 U
Nitrocellulose	9004-70-0	ug/L	< 553 U	< 553 U
Nitroglycerin	55-63-0	ug/L	< 10 UJ	< 10 UJ
Nitroguanidine	556-88-7	ug/L	< 30.9 U	< 30.9 U
PETN	78-11-5	ug/L	< 20 U	< 20 U
Picric Acid	88-89-1	ug/L	< 0.27 U	< 0.27 U
RDX	121-82-4	ug/L	< 1.17 U	< 1.17 U
Tetrazene	14097-21-3	ug/L	< 40 U	< 40 U
Tetryl	479-45-8	ug/L	< 1.56 U	< 1.56 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	ug/L	< 0.0637 U	< 0.0637 U
2,6-Dinitrotoluene	606-20-2	ug/L	< 0.0738 U	< 0.0738 U
Metals				
Aluminum	7429-90-5	ug/L	42.4	137
Antimony	7440-36-0	ug/L	< 1 U	< 1 U
Arsenic	7440-38-2	ug/L	< 1 U	< 1 U
Barium	7440-39-3	ug/L	19.2	23.5
Beryllium	7440-41-7	ug/L	< 5 U	< 5 U
Boron	7440-42-8	ug/L	54.2	57.8
Cadmium	7440-43-9	ug/L	< 3.01 U	< 3.01 U
Calcium	7440-70-2	ug/L	6490	7060
Chromium	7440-47-3	ug/L	< 6.96 U	< 6.96 U
Cobalt	7440-48-4	ug/L	< 50 U	< 50 U
Copper	7440-50-8	ug/L	< 5 U	< 5 U
Iron	7439-89-6	ug/L	928	1710
Lead	7439-92-1	ug/L	< 1 U	2.71
Magnesium	7439-95-4	ug/L	2450	2600
Manganese	7439-96-5	ug/L	195	202
Mercury	7439-97-6	ug/L	< 0.243 U	< 0.243 U
Nickel	7440-02-0	ug/L	< 7.11 U	< 7.11 U
Potassium	7440-09-7	ug/L	< 1000 U	< 1000 U
Selenium	7782-49-2	ug/L	< 2 U	< 2 U
Silver	7440-22-4	ug/L	< 4.42 U	16.2
Sodium	7440-23-5	ug/L	10100	9700
Strontium	7440-24-6	ug/L	27.8	31.3
Thallium	7440-28-0	ug/L	< 1 U	< 1 U
Titanium	7440-32-6	ug/L	< 2 U	8.16
Vanadium	7440-62-2	ug/L	< 4.69 U	< 4.69 U
Zinc	7440-66-6	ug/L	< 35.8 U	< 35.8 U
Zirconium	7440-67-7	ug/L	< 1 U	< 1 U
Radiological				
Americium-241	86954-36-1	pCi/L	< 11.9 U	< 12.6 U
Cesium-137	10045-97-3	pCi/L	< 1.02 U	< 1.04 U
Cobalt-60	10198-40-0	pCi/L	< 1.01 U	< 1 U
Gross alpha	12587-46-1	pCi/L	1.25	1.97
Gross beta	12587-47-2	pCi/L	3.52	3.43
Radium-226	13982-63-3	pCi/L	11.4	13.7
Total Uranium	7440-61-1 U	ug/L	< 0.111 U	< 0.111 U
Uranium-235	15117-96-1	pCi/L	< 0.062 U	< 0.0545 U
Uranium-238	7440-61-1 U-238	pCi/L	< 0.0815 U	< 0.0717 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 0.51 U	< 0.51 U
VOC				
1,1,1-Trichloroethane	71-55-6	ug/L	< 0.5 U	< 0.5 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 5 U	< 5 U
1,1,2-Trichloroethane	79-00-5	ug/L	< 1.2 U	< 1.2 U
1,1-Dichloroethane	75-34-3	ug/L	< 0.68 U	< 0.68 U
1,1-Dichloroethene	75-35-4	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethane	107-06-2	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloroethene (total)	540-59-0	ug/L	< 0.5 U	< 0.5 U
1,2-Dichloropropane	78-87-5	ug/L	< 0.5 U	< 0.5 U
2-Butanone	78-93-3	ug/L	< 6.4 U	< 6.4 U
2-Hexanone	591-78-6	ug/L	< 3.6 U	< 3.6 U
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 3 U	< 3 U
Acetone	67-64-1	ug/L	< 13 U	< 13 U
Acetonitrile	75-05-8	ug/L	< 200 U	< 200 U
Benzene	71-43-2	ug/L	< 0.5 U	< 0.5 U

		Site Name	82	82
		Location ID	I-82-SW-001	I-82-SW-002
		Sample Date	8/1/1996	8/1/1996
		Depth Interval		
		Sample ID	82SW-1(19960801)	82SW-2(19960801)
		Sample Matrix	WS	WS
Chemical Name	CAS No	Unit		
Bromodichloromethane	75-27-4	ug/L	< 0.59 U	< 0.59 U
Bromoform	75-25-2	ug/L	< 2.6 U	< 2.6 U
Bromomethane	74-83-9	ug/L	< 5.8 U	< 5.8 U
Carbon disulfide	75-15-0	ug/L	< 0.5 U	< 0.5 U
Carbon tetrachloride	56-23-5	ug/L	< 0.58 U	< 0.58 U
Chlorobenzene	108-90-7	ug/L	< 0.5 U	< 0.5 U
Chloroethane	75-00-3	ug/L	< 1.9 U	< 1.9 U
Chloroform	67-66-3	ug/L	< 0.5 U	< 0.5 U
Chloromethane	74-87-3	ug/L	< 3.2 U	< 3.2 U
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 0.58 U	< 0.58 U
Dibromochloromethane	124-48-1	ug/L	< 0.67 U	< 0.67 U
Dichlorodifluoromethane	75-71-8	ug/L	< 6.9 U	< 6.9 U
Ethanol	64-17-5	ug/L	< 2000 U	< 2000 U
Ethyl benzene	100-41-4	ug/L	< 0.5 U	< 0.5 U
Isopropanol	67-63-0	ug/L	< 400 U	< 400 U
Methylene chloride	75-09-2	ug/L	4.6	< 2.3 U
Styrene	100-42-5	ug/L	< 0.5 U	< 0.5 U
tert-Butylalcohol	75-65-0	ug/L	< 500 U	< 500 U
Tetrachloroethene	127-18-4	ug/L	< 1.6 U	< 1.6 U
Toluene	108-88-3	ug/L	3.1	1.6
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 0.7 U	< 0.7 U
Trichloroethene	79-01-6	ug/L	< 0.5 U	< 0.5 U
Trichlorofluoromethane	75-69-4	ug/L	< 1.4 U	< 1.4 U
Vinyl acetate	108-05-4	ug/L	< 8.3 U	< 8.3 U
Vinyl chloride	75-01-4	ug/L	< 2.6 U	< 2.6 U
Xylenes	1330-20-7	ug/L	< 0.84 U	< 0.84 U
WetChem				
Ammonia	7664-41-7	ug/L	99.1	< 60 U
Chloride	16887-00-6	ug/L	22000	20900
Cyanide	57-12-5	ug/L	< 2.5 U	< 2.5 U
Fluoride	16984-48-8	ug/L	< 1230 U	< 1230 U
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	< 10 U	< 10 U
Phosphate	14265-44-2	ug/L	23.1	< 13.3 U
Sulfate	14808-79-8	ug/L	< 10000 U	< 10000 U
Sulfide	18496-25-8	ug/L	< 50 U	< 50 U

Chemical Name	CAS No	Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-001	I-83-SB-001	I-83-SB-001	I-83-SB-002	I-83-SB-002	I-83-SB-003	I-83-SB-003	I-83-SB-003	I-83-SB-004
		Sample Date	4/26/1996	4/26/1996	4/26/1996	5/23/1996	5/23/1996	5/9/1996	5/9/1996	5/9/1996	5/9/1996
		Depth Interval	0 - 2	10 - 12	5 - 7	10 - 12	2 - 4	0 - 2	5 - 7	5 - 7	0 - 2
		Sample ID	83SB-1A(0-2)	83SB-1C(10-12)	83SB-1B(5-7)	83SB-2C(10-12)	83SB-2A(2-4)	83SB-3A(0-2)	83SB-3B(5-7)	83SB-3BDUP(5-7)	83SB-4A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	9.49	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	6.38	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 UJ	< 0.108 UJ	< 0.108 UJ	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 UJ	< 1.19 UJ	< 1.19 UJ	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R	< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U
Metals											
Aluminum	7429-90-5	mg/kg	12700	8960	11600	10300	10800	8260	11400	8900	10900
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	0.59	2.23	0.25	0.49	< 0.1 U
Arsenic	7440-38-2	mg/kg	4.19	7.29	2.97	2.05	12.9	4.66	3.09	2.41	2.15
Barium	7440-39-3	mg/kg	58.5	64.2	54.2	33.1	140	72.5	76.1	57.1	43.6
Beryllium	7440-41-7	mg/kg	0.95	0.6	0.76	0.96	0.78	0.6	1.26	1.09	0.92
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	< 5.91 U	7.52	10.6	7.6	8.37	8.38	< 5.91 U
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	1.26	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	2880	1570	1810	1320	10700	3740	5470	5350	2120
Chromium	7440-47-3	mg/kg	18.1	17.9	20.3	13.5	32.1	15.7	23.6	12.9	29.8
Cobalt	7440-48-4	mg/kg	8.36	9.05	19.5	8	10.6	6.79	12.4	11.6	9.95
Copper	7440-50-8	mg/kg	11.9	7.5	13.9	18.3	76.4	26.4	30.1	25.9	15.5
Iron	7439-89-6	mg/kg	21500	19500	17800	19400	31700	17500	33900	28900	27100
Lead	7439-92-1	mg/kg	17.8	6.08	8.78	5.88	662	63.8	14.3	16.2	29.1
Magnesium	7439-95-4	mg/kg	2970	3770	3350	2290	7430	2950	3390	2860	3590
Manganese	7439-96-5	mg/kg	343	313	443	196	552	455	591	359	172
Mercury	7439-97-6	mg/kg	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.08	0.06	< 0.05 U	< 0.05 U	< 0.05 U
Nickel	7440-02-0	mg/kg	9.81	14.5	15.3	9.58	21	11.5	8.45	7.25	11.6
Potassium	7440-09-7	mg/kg	1200	2220	1290	697	2640	758	1230	1080	1880
Selenium	7782-49-2	mg/kg	2.33	2.48	1.65	1.84	2.05	0.9	1.28	1.36	1.22
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	370	470	405	451	811	385	493	467	466
Strontium	7440-24-6	mg/kg	57	12.6	15.4	6.59	72	26	40	47	7.94
Thallium	7440-28-0	mg/kg	0.22	0.23	0.27	< 0.1 U	0.26	0.13	0.13	< 0.1 U	0.18
Titanium	7440-32-6	mg/kg	1230	1500	1330	439	665	533	666	834	868
Vanadium	7440-62-2	mg/kg	30.6	26	30.3	27.2	43.1	25.6	58.5	49.6	42.4
Zinc	7440-66-6	mg/kg	51.4	23.5	36.5	27.7	398	47.5	38.2	28.5	35.6
Zirconium	7440-67-7	mg/kg	10.2	8.87	9.51	4.93	6.27	6.91	8.24	5.83	< 2.5 U
PCBs											
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg									
Aroclor 1232	11141-16-5	mg/kg									
Aroclor 1242	53469-21-9	mg/kg									
Aroclor 1248	12672-29-6	mg/kg									
Aroclor 1254	11097-69-1	mg/kg									
Aroclor 1260	11096-82-5	mg/kg									

		Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-001	I-83-SB-001	I-83-SB-001	I-83-SB-002	I-83-SB-002	I-83-SB-003	I-83-SB-003	I-83-SB-003	I-83-SB-004
		Sample Date	4/26/1996	4/26/1996	4/26/1996	5/23/1996	5/23/1996	5/9/1996	5/9/1996	5/9/1996	5/9/1996
		Depth Interval	0 - 2	10 - 12	5 - 7	10 - 12	2 - 4	0 - 2	5 - 7	5 - 7	0 - 2
		Sample ID	83SB-1A(0-2)	83SB-1C(10-12)	83SB-1B(5-7)	83SB-2C(10-12)	83SB-2A(2-4)	83SB-3A(0-2)	83SB-3B(5-7)	83SB-3BDUP(5-7)	83SB-4A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
Pesticides											
4,4'-DDD	72-54-8	mg/kg	< 0.826 U	< 0.826 U	< 0.826 U						
4,4'-DDE	72-55-9	mg/kg	< 0.765 U	< 0.765 U	< 0.765 U						
4,4'-DDT	50-29-3	mg/kg	< 0.707 U	< 0.707 U	< 0.707 U						
Aldrin	309-00-2	mg/kg	< 0.729 U	< 0.729 U	< 0.729 U						
alpha-BHC	319-84-6	mg/kg	< 0.907 U	< 0.907 U	< 0.907 U						
alpha-Chlordane	5103-71-9	mg/kg	< 0.5 UT	< 0.5 UT	< 0.5 UT						
beta-BHC	319-85-7	mg/kg	< 0.257 U	< 0.257 U	< 0.257 U						
delta-BHC	319-86-8	mg/kg	< 0.555 U	< 0.555 U	< 0.555 U						
Diazinon	333-41-5	mg/kg	< 0.0133 UT	< 0.0133 UT	< 0.0133 UT						
Dieldrin	60-57-1	mg/kg	< 0.629 U	< 0.629 U	< 0.629 U						
Endosulfan I	959-98-8	mg/kg	< 0.602 U	< 0.602 U	< 0.602 U						
Endosulfan II	33213-65-9	mg/kg	< 0.663 U	< 0.663 U	< 0.663 U						
Endosulfan sulfate	1031-07-8	mg/kg	< 0.763 U	< 0.763 U	< 0.763 U						
Endrin	72-20-8	mg/kg	< 0.657 U	< 0.657 U	< 0.657 U						
Endrin aldehyde	7421-93-4	mg/kg	< 0.024 U	< 0.024 U	< 0.024 U						
Endrin ketone	53494-70-5	mg/kg	< 0.024 UT	< 0.024 UT	< 0.024 UT						
gamma-BHC (Lindane)	58-89-9	mg/kg	< 0.638 U	< 0.638 U	< 0.638 U						
gamma-Chlordane	5103-74-2	mg/kg	< 0.5 UT	< 0.5 UT	< 0.5 UT						
Heptachlor	76-44-8	mg/kg	< 0.618 U	< 0.618 U	< 0.618 U						
Heptachlor epoxide	1024-57-3	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U						
Isodrin	465-73-6	mg/kg	< 0.461 U	< 0.461 U	< 0.461 U						
Malathion	121-75-5	mg/kg	< 0.0133 UT	< 0.0133 UT	< 0.0133 UT						
Methoxychlor	72-43-5	mg/kg	< 0.0711 U	< 0.0711 U	< 0.0711 U						
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U						
Toxaphene	8001-35-2	mg/kg	< 0.444 U	< 0.444 U	< 0.444 U						
Radiological											
Americium-241	86954-36-1	pCi/g	0.23	< 0.0719 U	< 0.0773 U	< 0.139 U	< 0.355 U	0.12	< 0.154 U	< 0.39 U	< 0.1 U
Cesium-137	10045-97-3	pCi/g	0.09	< 0.0264 U	< 0.0292 U	< 0.0209 U	0.11	0.03	< 0.0204 U	< 0.032 U	0.05
Cobalt-60	10198-40-0	pCi/g	< 0.0264 U	< 0.0325 U	< 0.036 U	< 0.0275 U	< 0.033 U	< 0.0323 U	< 0.0291 U	< 0.0355 U	< 0.0479 U
Gross alpha	12587-46-1	pCi/g	6.17	3.72	2.03	2.88	3.87	1.55	1.47	2.67	4.21
Gross beta	12587-47-2	pCi/g	6.35	5.55	1.78	2.25	3.82	2.8	1.74	2.08	7.06
Radium-226	13982-63-3	pCi/g	0.75	0.72	0.61	0.73	0.73	0.57	0.61	0.67	0.86
Total Uranium	7440-61-1 U	mg/kg	1.75	2.07	1.69	2.47	1.1	1.25	1.06	1.14	1.43
Uranium-235	15117-96-1	pCi/g	0.04	0.03	0.03	0.03	0.03	0.04	0.01	0.01	0.02
Uranium-238	7440-61-1 U-238	pCi/g	0.6	0.76	0.54	0.62	0.34	0.41	0.33	0.37	0.48
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U						
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U						
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U						
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U						
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U						
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U						
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U						
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U						
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U						
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U						
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U						
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U						
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U						
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U						
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U						
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U						

		Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-001	I-83-SB-001	I-83-SB-001	I-83-SB-002	I-83-SB-002	I-83-SB-003	I-83-SB-003	I-83-SB-003	I-83-SB-004
		Sample Date	4/26/1996	4/26/1996	4/26/1996	5/23/1996	5/23/1996	5/9/1996	5/9/1996	5/9/1996	5/9/1996
		Depth Interval	0 - 2	10 - 12	5 - 7	10 - 12	2 - 4	0 - 2	5 - 7	5 - 7	0 - 2
		Sample ID	83SB-1A(0-2)	83SB-1C(10-12)	83SB-1B(5-7)	83SB-2C(10-12)	83SB-2A(2-4)	83SB-3A(0-2)	83SB-3B(5-7)	83SB-3BDUP(5-7)	83SB-4A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
SVOC (continued)											
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U						
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#						
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U						
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U						
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U						
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U						
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U						
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U						
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U						
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U						
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U	< 0.066 U						
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	3.8	3.2						
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U						
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U						
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U	< 0.12 U						
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U						
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U						
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U						
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U						
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U						
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U						
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U						
Fluoranthene	206-44-0	mg/kg	0.6	< 0.068 U	< 0.068 U						
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U						
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U						
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U						
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U						
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U						
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U						
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U						
Phenanthrene	85-01-8	mg/kg	0.3	< 0.033 U	< 0.033 U						
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U						
Pyrene	129-00-0	mg/kg	0.4	< 0.033 U	< 0.033 U						
TPH											
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U	< 8.24 U	< 8.24 U						
Gasoline range organics	GRO	mg/kg	< 8.3 U	< 8.3 U	< 8.3 U						
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U						
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U						
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U						
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U						

		Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-001	I-83-SB-001	I-83-SB-001	I-83-SB-002	I-83-SB-002	I-83-SB-003	I-83-SB-003	I-83-SB-003	I-83-SB-004
		Sample Date	4/26/1996	4/26/1996	4/26/1996	5/23/1996	5/23/1996	5/9/1996	5/9/1996	5/9/1996	5/9/1996
		Depth Interval	0 - 2	10 - 12	5 - 7	10 - 12	2 - 4	0 - 2	5 - 7	5 - 7	0 - 2
		Sample ID	83SB-1A(0-2)	83SB-1C(10-12)	83SB-1B(5-7)	83SB-2C(10-12)	83SB-2A(2-4)	83SB-3A(0-2)	83SB-3B(5-7)	83SB-3BDUP(5-7)	83SB-4A(0-2)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
VOC (continued)											
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U						
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U						
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U						
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U						
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U						
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U						
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U						
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U						
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U						
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U						
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U						
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U						
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U						
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U						
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U						
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U						
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U						
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U						
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U						
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U						
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U						
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U						
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U						
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U						
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U						
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U						
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U						
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U						
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U						
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.62	< 0.59 U						
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U						
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U						
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U						
WetChem											
% Solids	%Solid	%									
Ammonia	7664-41-7	mg/kg	82.7	< 12.5 U	26.4	< 12.5 U	36.3	39.3	< 12.5 U	15.8	48.8
Chloride	16887-00-6	mg/kg	21.4	18.8	21.5	48.9	200	18.2	< 6.05 U	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	16.1	11	14.7	12.9	10.5	6.92	12.3	8.81	< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	3.14	< 0.6 U	0.63	0.84	9.13	1.7	0.86	0.76	1.84
Phosphate	14265-44-2	mg/kg	690	760	720	470	2400	400	630	560	450
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	< 6 U	< 6 U	39	< 6 U	< 6 U	< 6 U	< 6 U

Chemical Name	CAS No	Unit	Site Name	83	83	83	83	83	83	83	83	83
			Location ID	I-83-SB-004	I-83-SB-004	I-83-SS-001A	I-83-SS-002C	I-83-SS-003C	I-83-SS-004A	I-83-SS-005A	I-83-SS-006A	I-83-SS-007
			Sample Date	5/9/1996	5/9/1996	5/14/1996	4/23/1996	5/14/1996	4/4/1996	3/27/1996	4/25/1996	4/30/2001
			Depth Interval	0 - 2	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID	83SB-4ADUP(0-2)	83SB-4B(5-7)	83SS-1A(0-1)	83SS-2C(0-1)	83SS-3C(0-1)	83SS-4A(0-1)	83SS-5A(0-1)	83SS-6A(0-1)	83SS-7A(0-1)
			Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives												
1,3,5-Trinitrobenzene	99-35-4	mg/kg			< 0.488 U	< 0.488 UJ	< 0.488 U	< 0.488 UJ			< 0.488 U	
1,3-Dinitrobenzene	99-65-0	mg/kg			< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U			< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg			< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U			< 0.456 U	
HMX	2691-41-0	mg/kg			< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U			< 0.666 U	
Nitrobenzene	98-95-3	mg/kg			< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U			< 2.41 U	
Nitrocellulose	9004-70-0	mg/kg			< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U			< 10.4 U	
Nitroglycerin	55-63-0	mg/kg			< 4 U	< 4 U	< 4 U	< 4 U			< 4 U	
Nitroguanidine	556-88-7	mg/kg			< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U			< 0.475 U	
PETN	78-11-5	mg/kg			< 4 U	< 4 U	< 4 U	< 4 U			< 4 U	
Picric Acid	88-89-1	mg/kg			< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U			< 0.108 U	
RDX	121-82-4	mg/kg			< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U			< 0.587 U	
Tetrazene	14097-21-3	mg/kg			< 1.19 R	< 1.19 R	< 1.19 UJ	< 1.19 R			< 1.19 UJ	
Tetryl	479-45-8	mg/kg			< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U			< 0.731 U	
Explosives / SVOC												
2,4-Dinitrotoluene	121-14-2	mg/kg			< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U			< 0.424 U	
2,6-Dinitrotoluene	606-20-2	mg/kg			< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U			< 0.524 U	
Metals												
Aluminum	7429-90-5	mg/kg			13600	12900	12900	9840			23600	
Antimony	7440-36-0	mg/kg			< 0.1 U	< 0.1 U	0.53	0.69			0.46	
Arsenic	7440-38-2	mg/kg			3.27	5.41	3.32	6.13			22	
Barium	7440-39-3	mg/kg			40.2	73.2	66.5	87.4			590	
Beryllium	7440-41-7	mg/kg			1.21	0.96	1.34	0.64			1.94	
Boron	7440-42-8	mg/kg			< 5.91 U	< 5.91 U	11	9.89			15.2	
Cadmium	7440-43-9	mg/kg			< 0.7 U	< 0.7 U	< 0.7 U	1.66			1.4	
Calcium	7440-70-2	mg/kg			1920	2600	4660	6990			12400	
Chromium	7440-47-3	mg/kg			20	20.1	20.9	19.7			36.7	
Cobalt	7440-48-4	mg/kg			9.66	9.36	13.3	8.68			13.6	
Copper	7440-50-8	mg/kg			9.05	26.9	38.1	131			328	
Iron	7439-89-6	mg/kg			24400	19500	26400	20900			28400	
Lead	7439-92-1	mg/kg			7.89	63.1	44.4	621			296	286
Magnesium	7439-95-4	mg/kg			2140	3830	5050	5450			6420	
Manganese	7439-96-5	mg/kg			203	283	402	397			2010	
Mercury	7439-97-6	mg/kg			< 0.05 U	< 0.05 U	< 0.05 U	0.19			0.1	
Nickel	7440-02-0	mg/kg			8.92	14.5	15.2	19.8			26.7	
Potassium	7440-09-7	mg/kg			617	1720	1630	1230			1520	
Selenium	7782-49-2	mg/kg			1.16	1.31	1.67	1.61			5.32	
Silver	7440-22-4	mg/kg			< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U			< 0.589 U	
Sodium	7440-23-5	mg/kg			447	579	657	1130			784	
Strontium	7440-24-6	mg/kg			13.2	18.7	22.1	44			170	
Thallium	7440-28-0	mg/kg			0.14	0.19	< 0.1 U	0.14			0.39	
Titanium	7440-32-6	mg/kg			343	786	956	489			1640	
Vanadium	7440-62-2	mg/kg			39.9	31.1	38.1	28.1			64	
Zinc	7440-66-6	mg/kg			30.6	347	117	602			770	
Zirconium	7440-67-7	mg/kg			< 2.5 U	4.61	< 2.5 U	7.08			20.9	
PCBs												
Aroclor 1016	12674-11-2	mg/kg							< 0.0666 U	< 0.0666 U	< 0.0666 U	
Aroclor 1221	11104-28-2	mg/kg							< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1232	11141-16-5	mg/kg							< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1242	53469-21-9	mg/kg							< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1248	12672-29-6	mg/kg							< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1254	11097-69-1	mg/kg							< 0.082 UT	< 0.082 UT	< 0.082 UT	
Aroclor 1260	11096-82-5	mg/kg							< 0.0804 UJ	< 0.0804 U	< 0.0804 U	

		Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-004	I-83-SB-004	I-83-SS-001A	I-83-SS-002C	I-83-SS-003C	I-83-SS-004A	I-83-SS-005A	I-83-SS-006A	I-83-SS-007
		Sample Date	5/9/1996	5/9/1996	5/14/1996	4/23/1996	5/14/1996	4/4/1996	3/27/1996	4/25/1996	4/30/2001
		Depth Interval	0 - 2	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	83SB-4ADUP(0-2)	83SB-4B(5-7)	83SS-1A(0-1)	83SS-2C(0-1)	83SS-3C(0-1)	83SS-4A(0-1)	83SS-5A(0-1)	83SS-6A(0-1)	83SS-7A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
Pesticides											
4,4'-DDD	72-54-8	mg/kg								< 0.826 U	
4,4'-DDE	72-55-9	mg/kg								< 0.765 U	
4,4'-DDT	50-29-3	mg/kg								< 0.707 U	
Aldrin	309-00-2	mg/kg								< 0.729 U	
alpha-BHC	319-84-6	mg/kg								< 0.907 U	
alpha-Chlordane	5103-71-9	mg/kg								< 0.5 UT	
beta-BHC	319-85-7	mg/kg								< 0.257 U	
delta-BHC	319-86-8	mg/kg								< 0.555 U	
Diazinon	333-41-5	mg/kg								< 0.0133 UT	
Dieldrin	60-57-1	mg/kg								< 0.629 U	
Endosulfan I	959-98-8	mg/kg								< 0.602 U	
Endosulfan II	33213-65-9	mg/kg								< 0.663 U	
Endosulfan sulfate	1031-07-8	mg/kg								< 0.763 U	
Endrin	72-20-8	mg/kg								< 0.657 U	
Endrin aldehyde	7421-93-4	mg/kg								< 0.024 U	
Endrin ketone	53494-70-5	mg/kg								< 0.024 UT	
gamma-BHC (Lindane)	58-89-9	mg/kg								< 0.638 U	
gamma-Chlordane	5103-74-2	mg/kg								< 0.5 UT	
Heptachlor	76-44-8	mg/kg								< 0.618 U	
Heptachlor epoxide	1024-57-3	mg/kg								< 0.62 U	
Isodrin	465-73-6	mg/kg								< 0.461 U	
Malathion	121-75-5	mg/kg								< 0.0133 UT	
Methoxychlor	72-43-5	mg/kg								< 0.0711 U	
Mirex	2385-85-5	mg/kg								< 0.25 U	
Toxaphene	8001-35-2	mg/kg								< 0.444 U	
Radiological											
Americium-241	86954-36-1	pCi/g		< 0.0695 U	< 0.282 U	< 0.0639 U	< 0.134 U			< 0.461 U	
Cesium-137	10045-97-3	pCi/g		< 0.0257 U	0.05	0.03	0.64			0.83	
Cobalt-60	10198-40-0	pCi/g		0.03	< 0.0335 U	< 0.0271 U	< 0.0363 U			< 0.0431 U	
Gross alpha	12587-46-1	pCi/g	6.25	5.54	3.06	1.64	1.56			4.89	
Gross beta	12587-47-2	pCi/g	4.14	5.14	3.65	2.74	3.5			5.01	
Radium-226	13982-63-3	pCi/g		0.69	0.48	0.65	0.59			1.18	
Total Uranium	7440-61-1 U	mg/kg		0.96	1.65	2.18	0.96			3.43	
Uranium-235	15117-96-1	pCi/g		0.02	0.03	0.02	0.01			0.08	
Uranium-238	7440-61-1 U-238	pCi/g		0.37	0.57	0.5	0.31			1.2	
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg								< 0.24 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg								< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg								< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg								< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg								< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg								< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg								< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg								< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg								< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg								< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg								< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg								< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg								< 0.049 U	
2-Methylphenol	95-48-7	mg/kg								< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg								< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg								< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg								< 6.3 U	
3-Nitroaniline	99-09-2	mg/kg								< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg								< 0.55 U	

Chemical Name	CAS No	Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-004	I-83-SB-004	I-83-SS-001A	I-83-SS-002C	I-83-SS-003C	I-83-SS-004A	I-83-SS-005A	I-83-SS-006A	I-83-SS-007
		Sample Date	5/9/1996	5/9/1996	5/14/1996	4/23/1996	5/14/1996	4/4/1996	3/27/1996	4/25/1996	4/30/2001
		Depth Interval	0 - 2	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	83SB-4ADUP(0-2)	83SB-4B(5-7)	83SS-1A(0-1)	83SS-2C(0-1)	83SS-3C(0-1)	83SS-4A(0-1)	83SS-5A(0-1)	83SS-6A(0-1)	83SS-7A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
SVOC (continued)											
4-Bromophenyl phenyl ether	101-55-3	mg/kg								< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg								< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg								< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg								< 0.033 U	
4-Methylphenol	106-44-5	mg/kg								< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg								< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg								< 1.4 U	
Acenaphthene	83-32-9	mg/kg								< 0.036 U	
Acenaphthylene	208-96-8	mg/kg								< 0.033 U	
Aniline	62-53-3	mg/kg								< 0.65 U	
Anthracene	120-12-7	mg/kg								< 0.033 U	
Benz(a)anthracene	56-55-3	mg/kg								< 0.17 U	
Benzo(a)pyrene	50-32-8	mg/kg								< 0.25 U	
Benzo(b)fluoranthene	205-99-2	mg/kg								< 0.21 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg								< 0.25 U	
Benzo(k)fluoranthene	207-08-9	mg/kg								< 0.066 U	
Benzyl alcohol	100-51-6	mg/kg								< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg								< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg								< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg								< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg								< 0.62 U	
Butylbenzyl phthalate	85-68-7	mg/kg								< 0.17 U	
Carbazole	86-74-8	mg/kg								< 0.14 U	
Chrysene	218-01-9	mg/kg								< 0.12 U	
Dibenz(a,h)anthracene	53-70-3	mg/kg								< 0.21 U	
Dibenzofuran	132-64-9	mg/kg								< 0.035 U	
Diethylphthalate	84-66-2	mg/kg								< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg								< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg								< 0.061 U	
di-n-Octylphthalate	117-84-0	mg/kg								< 0.19 U	
Diphenylamine	122-39-4	mg/kg								< 0.13 U	
Fluoranthene	206-44-0	mg/kg								0.3	
Fluorene	86-73-7	mg/kg								< 0.033 U	
Hexachlorobenzene	118-74-1	mg/kg								< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg								< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg								< 6.2 U	
Hexachloroethane	67-72-1	mg/kg								< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg								< 0.29 U	
Isophorone	78-59-1	mg/kg								< 0.033 U	
Naphthalene	91-20-3	mg/kg								< 0.037 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg								< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg								< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg								< 1.3 U	
Phenanthrene	85-01-8	mg/kg								0.2	
Phenol	108-95-2	mg/kg								< 0.11 U	
Pyrene	129-00-0	mg/kg								0.3	
TPH											
Diesel Fuel	68334-30-5	mg/kg								< 8.24 U	
Gasoline range organics	GRO	mg/kg								< 8.3 U	
TPH, aviation gas fraction	50815-00-4	mg/kg								< 8 U	
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg								< 0.44 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg								< 0.82 U	
1,1,2-Trichloroethane	79-00-5	mg/kg								< 0.54 U	
1,1-Dichloroethane	75-34-3	mg/kg								< 0.23 U	

		Site Name	83	83	83	83	83	83	83	83	83
		Location ID	I-83-SB-004	I-83-SB-004	I-83-SS-001A	I-83-SS-002C	I-83-SS-003C	I-83-SS-004A	I-83-SS-005A	I-83-SS-006A	I-83-SS-007
		Sample Date	5/9/1996	5/9/1996	5/14/1996	4/23/1996	5/14/1996	4/4/1996	3/27/1996	4/25/1996	4/30/2001
		Depth Interval	0 - 2	5 - 7	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	83SB-4ADUP(0-2)	83SB-4B(5-7)	83SS-1A(0-1)	83SS-2C(0-1)	83SS-3C(0-1)	83SS-4A(0-1)	83SS-5A(0-1)	83SS-6A(0-1)	83SS-7A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
VOC (continued)											
1,1-Dichloroethene	75-35-4	mg/kg								< 0.39 U	
1,2-Dichloroethane	107-06-2	mg/kg								< 0.17 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg								< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg								< 0.29 U	
2-Butanone	78-93-3	mg/kg								< 0.07 U	
2-Hexanone	591-78-6	mg/kg								< 0.032 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg								< 0.027 U	
Acetone	67-64-1	mg/kg								< 0.017 U	
Acetonitrile	75-05-8	mg/kg								< 0.23 U	
Benzene	71-43-2	mg/kg								< 0.15 U	
Bromodichloromethane	75-27-4	mg/kg								< 0.29 U	
Bromoform	75-25-2	mg/kg								< 0.69 U	
Bromomethane	74-83-9	mg/kg								< 0.57 U	
Carbon disulfide	75-15-0	mg/kg								< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg								< 0.7 U	
Chlorobenzene	108-90-7	mg/kg								< 0.086 U	
Chloroethane	75-00-3	mg/kg								< 0.012 U	
Chloroform	67-66-3	mg/kg								< 0.087 U	
Chloromethane	74-87-3	mg/kg								< 0.88 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg								< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg								< 0.31 U	
Dichlorodifluoromethane	75-71-8	mg/kg								< 0.014 U	
Ethanol	64-17-5	mg/kg								< 3.7 U	
Ethyl benzene	100-41-4	mg/kg								< 0.17 U	
Isopropanol	67-63-0	mg/kg								< 0.79 U	
Methylene chloride	75-09-2	mg/kg								< 0.012 U	
Styrene	100-42-5	mg/kg								< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg								< 0.5 U	
Tetrachloroethene	127-18-4	mg/kg								< 0.081 U	
Toluene	108-88-3	mg/kg								< 0.078 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg								< 0.28 U	
Trichloroethene	79-01-6	mg/kg								< 0.28 U	
Trichlorofluoromethane	75-69-4	mg/kg								< 0.59 U	
Vinyl acetate	108-05-4	mg/kg								< 0.032 U	
Vinyl chloride	75-01-4	mg/kg								< 0.62 U	
Xylenes	1330-20-7	mg/kg								< 0.15 U	
WetChem											
% Solids	%Solid	%									94.2
Ammonia	7664-41-7	mg/kg		41.8	54.5	65.5	106			265	
Chloride	16887-00-6	mg/kg		16	< 6.05 U	23.6	< 6.05 U			23.2	
Cyanide	57-12-5	mg/kg		< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U			2.71	
Fluoride	16984-48-8	mg/kg		< 3.62 U	6.18	10.7	< 3.62 U			15.5	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg		1.94	2.47	< 0.6 U	3.92			1.61	
Phosphate	14265-44-2	mg/kg		< 7.49 U	660	39	630			1900	
Sulfate	14808-79-8	mg/kg		< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U			< 90.4 U	
Sulfide	18496-25-8	mg/kg		< 6 U	9.21	27.6	38.4			370	

Chemical Name	CAS No	Site Name	83	83	83	83	83	83
		Location ID	I-83-SS-008	I-83-SS-009	I-83-SS-009	I-83-SS-010A	I-83-SS-011	I-83-SS-012
		Sample Date	4/30/2001	4/30/2001	4/30/2001	5/14/2001	5/14/2001	5/14/2001
		Depth Interval	0 - 1	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	83SS-8A(0-1)	83SS-9B(1-2)	83SS-9BDUP(1-2)	83SS-10A(0-1)	83SS-11A(0-1)	83SS-12A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
Explosives								
1,3,5-Trinitrobenzene	99-35-4	mg/kg						
1,3-Dinitrobenzene	99-65-0	mg/kg						
2,4,6-Trinitrotoluene	118-96-7	mg/kg						
HMX	2691-41-0	mg/kg						
Nitrobenzene	98-95-3	mg/kg						
Nitrocellulose	9004-70-0	mg/kg						
Nitroglycerin	55-63-0	mg/kg						
Nitroguanidine	556-88-7	mg/kg						
PETN	78-11-5	mg/kg						
Picric Acid	88-89-1	mg/kg						
RDX	121-82-4	mg/kg						
Tetrazene	14097-21-3	mg/kg						
Tetryl	479-45-8	mg/kg						
Explosives / SVOC								
2,4-Dinitrotoluene	121-14-2	mg/kg						
2,6-Dinitrotoluene	606-20-2	mg/kg						
Metals								
Aluminum	7429-90-5	mg/kg						
Antimony	7440-36-0	mg/kg						
Arsenic	7440-38-2	mg/kg						
Barium	7440-39-3	mg/kg						
Beryllium	7440-41-7	mg/kg						
Boron	7440-42-8	mg/kg						
Cadmium	7440-43-9	mg/kg						
Calcium	7440-70-2	mg/kg						
Chromium	7440-47-3	mg/kg						
Cobalt	7440-48-4	mg/kg						
Copper	7440-50-8	mg/kg						
Iron	7439-89-6	mg/kg						
Lead	7439-92-1	mg/kg	469	116	229	27.2 J	1.7 JD	50 J
Magnesium	7439-95-4	mg/kg						
Manganese	7439-96-5	mg/kg						
Mercury	7439-97-6	mg/kg						
Nickel	7440-02-0	mg/kg						
Potassium	7440-09-7	mg/kg						
Selenium	7782-49-2	mg/kg						
Silver	7440-22-4	mg/kg						
Sodium	7440-23-5	mg/kg						
Strontium	7440-24-6	mg/kg						
Thallium	7440-28-0	mg/kg						
Titanium	7440-32-6	mg/kg						
Vanadium	7440-62-2	mg/kg						
Zinc	7440-66-6	mg/kg						
Zirconium	7440-67-7	mg/kg						
PCBs								
Aroclor 1016	12674-11-2	mg/kg						
Aroclor 1221	11104-28-2	mg/kg						
Aroclor 1232	11141-16-5	mg/kg						
Aroclor 1242	53469-21-9	mg/kg						
Aroclor 1248	12672-29-6	mg/kg						
Aroclor 1254	11097-69-1	mg/kg						
Aroclor 1260	11096-82-5	mg/kg						

		Site Name	83	83	83	83	83	83
		Location ID	I-83-SS-008	I-83-SS-009	I-83-SS-009	I-83-SS-010A	I-83-SS-011	I-83-SS-012
		Sample Date	4/30/2001	4/30/2001	4/30/2001	5/14/2001	5/14/2001	5/14/2001
		Depth Interval	0 - 1	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	83SS-8A(0-1)	83SS-9B(1-2)	83SS-9BDUP(1-2)	83SS-10A(0-1)	83SS-11A(0-1)	83SS-12A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**						
Pesticides								
4,4'-DDD	72-54-8	mg/kg						
4,4'-DDE	72-55-9	mg/kg						
4,4'-DDT	50-29-3	mg/kg						
Aldrin	309-00-2	mg/kg						
alpha-BHC	319-84-6	mg/kg						
alpha-Chlordane	5103-71-9	mg/kg						
beta-BHC	319-85-7	mg/kg						
delta-BHC	319-86-8	mg/kg						
Diazinon	333-41-5	mg/kg						
Dieldrin	60-57-1	mg/kg						
Endosulfan I	959-98-8	mg/kg						
Endosulfan II	33213-65-9	mg/kg						
Endosulfan sulfate	1031-07-8	mg/kg						
Endrin	72-20-8	mg/kg						
Endrin aldehyde	7421-93-4	mg/kg						
Endrin ketone	53494-70-5	mg/kg						
gamma-BHC (Lindane)	58-89-9	mg/kg						
gamma-Chlordane	5103-74-2	mg/kg						
Heptachlor	76-44-8	mg/kg						
Heptachlor epoxide	1024-57-3	mg/kg						
Isodrin	465-73-6	mg/kg						
Malathion	121-75-5	mg/kg						
Methoxychlor	72-43-5	mg/kg						
Mirex	2385-85-5	mg/kg						
Toxaphene	8001-35-2	mg/kg						
Radiological								
Americium-241	86954-36-1	pCi/g						
Cesium-137	10045-97-3	pCi/g						
Cobalt-60	10198-40-0	pCi/g						
Gross alpha	12587-46-1	pCi/g						
Gross beta	12587-47-2	pCi/g						
Radium-226	13982-63-3	pCi/g						
Total Uranium	7440-61-1 U	mg/kg						
Uranium-235	15117-96-1	pCi/g						
Uranium-238	7440-61-1 U-238	pCi/g						
SVOC								
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg						
1,2,4-Trichlorobenzene	120-82-1	mg/kg						
1,2-Dichlorobenzene	95-50-1	mg/kg						
1,3-Dichlorobenzene	541-73-1	mg/kg						
1,4-Dichlorobenzene	106-46-7	mg/kg						
2,4,5-Trichlorophenol	95-95-4	mg/kg						
2,4,6-Trichlorophenol	88-06-2	mg/kg						
2,4-Dichlorophenol	120-83-2	mg/kg						
2,4-Dimethylphenol	105-67-9	mg/kg						
2,4-Dinitrophenol	51-28-5	mg/kg						
2-Chloronaphthalene	91-58-7	mg/kg						
2-Chlorophenol	95-57-8	mg/kg						
2-Methylnaphthalene	91-57-6	mg/kg						
2-Methylphenol	95-48-7	mg/kg						
2-Nitroaniline	88-74-4	mg/kg						
2-Nitrophenol	88-75-5	mg/kg						
3,3'-Dichlorobenzidine	91-94-1	mg/kg						
3-Nitroaniline	99-09-2	mg/kg						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg						

Chemical Name	CAS No	Site Name	83	83	83	83	83	83
		Location ID	I-83-SS-008	I-83-SS-009	I-83-SS-009	I-83-SS-010A	I-83-SS-011	I-83-SS-012
		Sample Date	4/30/2001	4/30/2001	4/30/2001	5/14/2001	5/14/2001	5/14/2001
		Depth Interval	0 - 1	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	83SS-8A(0-1)	83SS-9B(1-2)	83SS-9BDUP(1-2)	83SS-10A(0-1)	83SS-11A(0-1)	83SS-12A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
SVOC (continued)								
4-Bromophenyl phenyl ether	101-55-3	mg/kg						
4-Chloro-3-methylphenol	59-50-7	mg/kg						
4-Chloroaniline	106-47-8	mg/kg						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg						
4-Methylphenol	106-44-5	mg/kg						
4-Nitroaniline	100-01-6	mg/kg						
4-Nitrophenol	100-02-7	mg/kg						
Acenaphthene	83-32-9	mg/kg						
Acenaphthylene	208-96-8	mg/kg						
Aniline	62-53-3	mg/kg						
Anthracene	120-12-7	mg/kg						
Benz(a)anthracene	56-55-3	mg/kg						
Benzo(a)pyrene	50-32-8	mg/kg						
Benzo(b)fluoranthene	205-99-2	mg/kg						
Benzo(g,h,i)perylene	191-24-2	mg/kg						
Benzo(k)fluoranthene	207-08-9	mg/kg						
Benzyl alcohol	100-51-6	mg/kg						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg						
bis(2-Chloroethyl)ether	111-44-4	mg/kg						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg						
Butylbenzyl phthalate	85-68-7	mg/kg						
Carbazole	86-74-8	mg/kg						
Chrysene	218-01-9	mg/kg						
Dibenz(a,h)anthracene	53-70-3	mg/kg						
Dibenzofuran	132-64-9	mg/kg						
Diethylphthalate	84-66-2	mg/kg						
Dimethylphthalate	131-11-3	mg/kg						
di-n-Butylphthalate	84-74-2	mg/kg						
di-n-Octylphthalate	117-84-0	mg/kg						
Diphenylamine	122-39-4	mg/kg						
Fluoranthene	206-44-0	mg/kg						
Fluorene	86-73-7	mg/kg						
Hexachlorobenzene	118-74-1	mg/kg						
Hexachlorobutadiene	87-68-3	mg/kg						
Hexachlorocyclopentadiene	77-47-4	mg/kg						
Hexachloroethane	67-72-1	mg/kg						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg						
Isophorone	78-59-1	mg/kg						
Naphthalene	91-20-3	mg/kg						
n-Nitroso-di-n-propylamine	621-64-7	mg/kg						
n-Nitrosodiphenylamine	86-30-6	mg/kg						
Pentachlorophenol	87-86-5	mg/kg						
Phenanthrene	85-01-8	mg/kg						
Phenol	108-95-2	mg/kg						
Pyrene	129-00-0	mg/kg						
TPH								
Diesel Fuel	68334-30-5	mg/kg						
Gasoline range organics	GRO	mg/kg						
TPH, aviation gas fraction	50815-00-4	mg/kg						
VOC								
1,1,1-Trichloroethane	71-55-6	mg/kg						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg						
1,1,2-Trichloroethane	79-00-5	mg/kg						
1,1-Dichloroethane	75-34-3	mg/kg						

Chemical Name	CAS No	Site Name	83	83	83	83	83	83
		Location ID	I-83-SS-008	I-83-SS-009	I-83-SS-009	I-83-SS-010A	I-83-SS-011	I-83-SS-012
		Sample Date	4/30/2001	4/30/2001	4/30/2001	5/14/2001	5/14/2001	5/14/2001
		Depth Interval	0 - 1	1 - 2	1 - 2	0 - 1	0 - 1	0 - 1
		Sample ID	83SS-8A(0-1)	83SS-9B(1-2)	83SS-9BDUP(1-2)	83SS-10A(0-1)	83SS-11A(0-1)	83SS-12A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO
		Unit						
VOC (continued)								
1,1-Dichloroethene	75-35-4	mg/kg						
1,2-Dichloroethane	107-06-2	mg/kg						
1,2-Dichloroethene (total)	540-59-0	mg/kg						
1,2-Dichloropropane	78-87-5	mg/kg						
2-Butanone	78-93-3	mg/kg						
2-Hexanone	591-78-6	mg/kg						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg						
Acetone	67-64-1	mg/kg						
Acetonitrile	75-05-8	mg/kg						
Benzene	71-43-2	mg/kg						
Bromodichloromethane	75-27-4	mg/kg						
Bromoform	75-25-2	mg/kg						
Bromomethane	74-83-9	mg/kg						
Carbon disulfide	75-15-0	mg/kg						
Carbon tetrachloride	56-23-5	mg/kg						
Chlorobenzene	108-90-7	mg/kg						
Chloroethane	75-00-3	mg/kg						
Chloroform	67-66-3	mg/kg						
Chloromethane	74-87-3	mg/kg						
cis-1,3-Dichloropropene	10061-01-5	mg/kg						
Dibromochloromethane	124-48-1	mg/kg						
Dichlorodifluoromethane	75-71-8	mg/kg						
Ethanol	64-17-5	mg/kg						
Ethyl benzene	100-41-4	mg/kg						
Isopropanol	67-63-0	mg/kg						
Methylene chloride	75-09-2	mg/kg						
Styrene	100-42-5	mg/kg						
tert-Butylalcohol	75-65-0	mg/kg						
Tetrachloroethene	127-18-4	mg/kg						
Toluene	108-88-3	mg/kg						
trans-1,3-Dichloropropene	10061-02-6	mg/kg						
Trichloroethene	79-01-6	mg/kg						
Trichlorofluoromethane	75-69-4	mg/kg						
Vinyl acetate	108-05-4	mg/kg						
Vinyl chloride	75-01-4	mg/kg						
Xylenes	1330-20-7	mg/kg						
WetChem								
% Solids	%Solid	%	93.6	91.5	90.9	94.9	94.2	95.8
Ammonia	7664-41-7	mg/kg						
Chloride	16887-00-6	mg/kg						
Cyanide	57-12-5	mg/kg						
Fluoride	16984-48-8	mg/kg						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg						
Phosphate	14265-44-2	mg/kg						
Sulfate	14808-79-8	mg/kg						
Sulfide	18496-25-8	mg/kg						

Chemical Name	CAS No	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix Unit
Explosives		
1,3,5-Trinitrobenzene	99-35-4	mg/kg
1,3-Dinitrobenzene	99-65-0	mg/kg
2,4,6-Trinitrotoluene	118-96-7	mg/kg
HMX	2691-41-0	mg/kg
Nitrobenzene	98-95-3	mg/kg
Nitrocellulose	9004-70-0	mg/kg
Nitroglycerin	55-63-0	mg/kg
Nitroguanidine	556-88-7	mg/kg
PETN	78-11-5	mg/kg
Picric Acid	88-89-1	mg/kg
RDX	121-82-4	mg/kg
Tetrazene	14097-21-3	mg/kg
Tetryl	479-45-8	mg/kg
Explosives / SVOC		
2,4-Dinitrotoluene	121-14-2	mg/kg
2,6-Dinitrotoluene	606-20-2	mg/kg
Metals		
Aluminum	7429-90-5	mg/kg
Antimony	7440-36-0	mg/kg
Arsenic	7440-38-2	mg/kg
Barium	7440-39-3	mg/kg
Beryllium	7440-41-7	mg/kg
Boron	7440-42-8	mg/kg
Cadmium	7440-43-9	mg/kg
Calcium	7440-70-2	mg/kg
Chromium	7440-47-3	mg/kg
Cobalt	7440-48-4	mg/kg
Copper	7440-50-8	mg/kg
Iron	7439-89-6	mg/kg
Lead	7439-92-1	mg/kg
Magnesium	7439-95-4	mg/kg
Manganese	7439-96-5	mg/kg
Mercury	7439-97-6	mg/kg
Nickel	7440-02-0	mg/kg
Potassium	7440-09-7	mg/kg
Selenium	7782-49-2	mg/kg
Silver	7440-22-4	mg/kg
Sodium	7440-23-5	mg/kg
Strontium	7440-24-6	mg/kg
Thallium	7440-28-0	mg/kg
Titanium	7440-32-6	mg/kg
Vanadium	7440-62-2	mg/kg
Zinc	7440-66-6	mg/kg
Zirconium	7440-67-7	mg/kg
PCBs		
Aroclor 1016	12674-11-2	mg/kg
Aroclor 1221	11104-28-2	mg/kg
Aroclor 1232	11141-16-5	mg/kg
Aroclor 1242	53469-21-9	mg/kg
Aroclor 1248	12672-29-6	mg/kg
Aroclor 1254	11097-69-1	mg/kg
Aroclor 1260	11096-82-5	mg/kg

Chemical Name	CAS No	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix Unit
Pesticides		
4,4'-DDD	72-54-8	mg/kg
4,4'-DDE	72-55-9	mg/kg
4,4'-DDT	50-29-3	mg/kg
Aldrin	309-00-2	mg/kg
alpha-BHC	319-84-6	mg/kg
alpha-Chlordane	5103-71-9	mg/kg
beta-BHC	319-85-7	mg/kg
delta-BHC	319-86-8	mg/kg
Diazinon	333-41-5	mg/kg
Dieldrin	60-57-1	mg/kg
Endosulfan I	959-98-8	mg/kg
Endosulfan II	33213-65-9	mg/kg
Endosulfan sulfate	1031-07-8	mg/kg
Endrin	72-20-8	mg/kg
Endrin aldehyde	7421-93-4	mg/kg
Endrin ketone	53494-70-5	mg/kg
gamma-BHC (Lindane)	58-89-9	mg/kg
gamma-Chlordane	5103-74-2	mg/kg
Heptachlor	76-44-8	mg/kg
Heptachlor epoxide	1024-57-3	mg/kg
Isodrin	465-73-6	mg/kg
Malathion	121-75-5	mg/kg
Methoxychlor	72-43-5	mg/kg
Mirex	2385-85-5	mg/kg
Toxaphene	8001-35-2	mg/kg
Radiological		
Americium-241	86954-36-1	pCi/g
Cesium-137	10045-97-3	pCi/g
Cobalt-60	10198-40-0	pCi/g
Gross alpha	12587-46-1	pCi/g
Gross beta	12587-47-2	pCi/g
Radium-226	13982-63-3	pCi/g
Total Uranium	7440-61-1 U	mg/kg
Uranium-235	15117-96-1	pCi/g
Uranium-238	7440-61-1 U-238	pCi/g
SVOC		
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg
1,2,4-Trichlorobenzene	120-82-1	mg/kg
1,2-Dichlorobenzene	95-50-1	mg/kg
1,3-Dichlorobenzene	541-73-1	mg/kg
1,4-Dichlorobenzene	106-46-7	mg/kg
2,4,5-Trichlorophenol	95-95-4	mg/kg
2,4,6-Trichlorophenol	88-06-2	mg/kg
2,4-Dichlorophenol	120-83-2	mg/kg
2,4-Dimethylphenol	105-67-9	mg/kg
2,4-Dinitrophenol	51-28-5	mg/kg
2-Chloronaphthalene	91-58-7	mg/kg
2-Chlorophenol	95-57-8	mg/kg
2-Methylnaphthalene	91-57-6	mg/kg
2-Methylphenol	95-48-7	mg/kg
2-Nitroaniline	88-74-4	mg/kg
2-Nitrophenol	88-75-5	mg/kg
3,3'-Dichlorobenzidine	91-94-1	mg/kg
3-Nitroaniline	99-09-2	mg/kg
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg

Chemical Name	CAS No	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix Unit
SVOC (continued)		
4-Bromophenyl phenyl ether	101-55-3	mg/kg
4-Chloro-3-methylphenol	59-50-7	mg/kg
4-Chloroaniline	106-47-8	mg/kg
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg
4-Methylphenol	106-44-5	mg/kg
4-Nitroaniline	100-01-6	mg/kg
4-Nitrophenol	100-02-7	mg/kg
Acenaphthene	83-32-9	mg/kg
Acenaphthylene	208-96-8	mg/kg
Aniline	62-53-3	mg/kg
Anthracene	120-12-7	mg/kg
Benz(a)anthracene	56-55-3	mg/kg
Benzo(a)pyrene	50-32-8	mg/kg
Benzo(b)fluoranthene	205-99-2	mg/kg
Benzo(g,h,i)perylene	191-24-2	mg/kg
Benzo(k)fluoranthene	207-08-9	mg/kg
Benzyl alcohol	100-51-6	mg/kg
bis(2-Chloroethoxy)methane	111-91-1	mg/kg
bis(2-Chloroethyl)ether	111-44-4	mg/kg
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg
Butylbenzyl phthalate	85-68-7	mg/kg
Carbazole	86-74-8	mg/kg
Chrysene	218-01-9	mg/kg
Dibenz(a,h)anthracene	53-70-3	mg/kg
Dibenzofuran	132-64-9	mg/kg
Diethylphthalate	84-66-2	mg/kg
Dimethylphthalate	131-11-3	mg/kg
di-n-Butylphthalate	84-74-2	mg/kg
di-n-Octylphthalate	117-84-0	mg/kg
Diphenylamine	122-39-4	mg/kg
Fluoranthene	206-44-0	mg/kg
Fluorene	86-73-7	mg/kg
Hexachlorobenzene	118-74-1	mg/kg
Hexachlorobutadiene	87-68-3	mg/kg
Hexachlorocyclopentadiene	77-47-4	mg/kg
Hexachloroethane	67-72-1	mg/kg
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg
Isophorone	78-59-1	mg/kg
Naphthalene	91-20-3	mg/kg
n-Nitroso-di-n-propylamine	621-64-7	mg/kg
n-Nitrosodiphenylamine	86-30-6	mg/kg
Pentachlorophenol	87-86-5	mg/kg
Phenanthrene	85-01-8	mg/kg
Phenol	108-95-2	mg/kg
Pyrene	129-00-0	mg/kg
TPH		
Diesel Fuel	68334-30-5	mg/kg
Gasoline range organics	GRO	mg/kg
TPH, aviation gas fraction	50815-00-4	mg/kg
VOC		
1,1,1-Trichloroethane	71-55-6	mg/kg
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg
1,1,2-Trichloroethane	79-00-5	mg/kg
1,1-Dichloroethane	75-34-3	mg/kg

Chemical Name	CAS No	Site Name Location ID Sample Date Depth Interval Sample ID Sample Matrix Unit
VOC (continued)		
1,1-Dichloroethene	75-35-4	mg/kg
1,2-Dichloroethane	107-06-2	mg/kg
1,2-Dichloroethene (total)	540-59-0	mg/kg
1,2-Dichloropropane	78-87-5	mg/kg
2-Butanone	78-93-3	mg/kg
2-Hexanone	591-78-6	mg/kg
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg
Acetone	67-64-1	mg/kg
Acetonitrile	75-05-8	mg/kg
Benzene	71-43-2	mg/kg
Bromodichloromethane	75-27-4	mg/kg
Bromoform	75-25-2	mg/kg
Bromomethane	74-83-9	mg/kg
Carbon disulfide	75-15-0	mg/kg
Carbon tetrachloride	56-23-5	mg/kg
Chlorobenzene	108-90-7	mg/kg
Chloroethane	75-00-3	mg/kg
Chloroform	67-66-3	mg/kg
Chloromethane	74-87-3	mg/kg
cis-1,3-Dichloropropene	10061-01-5	mg/kg
Dibromochloromethane	124-48-1	mg/kg
Dichlorodifluoromethane	75-71-8	mg/kg
Ethanol	64-17-5	mg/kg
Ethyl benzene	100-41-4	mg/kg
Isopropanol	67-63-0	mg/kg
Methylene chloride	75-09-2	mg/kg
Styrene	100-42-5	mg/kg
tert-Butylalcohol	75-65-0	mg/kg
Tetrachloroethene	127-18-4	mg/kg
Toluene	108-88-3	mg/kg
trans-1,3-Dichloropropene	10061-02-6	mg/kg
Trichloroethene	79-01-6	mg/kg
Trichlorofluoromethane	75-69-4	mg/kg
Vinyl acetate	108-05-4	mg/kg
Vinyl chloride	75-01-4	mg/kg
Xylenes	1330-20-7	mg/kg
WetChem		
% Solids	%Solid	%
Ammonia	7664-41-7	mg/kg
Chloride	16887-00-6	mg/kg
Cyanide	57-12-5	mg/kg
Fluoride	16984-48-8	mg/kg
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg
Phosphate	14265-44-2	mg/kg
Sulfate	14808-79-8	mg/kg
Sulfide	18496-25-8	mg/kg

Historic Analytical Results for Groundwater Samples at PICA 108/Site 90

		Site Name	90	90	90	90
		Location ID	I-90-HP-001	I-90-HP-001	I-90-MW-001	I-90-MW-002
		Sample Date	6/7/2001	6/18/2001	10/22/1996	7/18/2003
		Depth Interval	10 - 11.5	11.5 - 13	24.6 - 34.6	8 - 18
		Sample ID	90HP-1(20010607)	90HP-1(20010618)	90MW-1(19961022)	90MW-2(20030718)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L			< 0.449 U	
1,3-Dinitrobenzene	99-65-0	ug/L			< 0.611 U	
2,4,6-Trinitrotoluene	118-96-7	ug/L			< 0.635 U	
HMX	2691-41-0	ug/L			< 1.21 U	
Nitrobenzene	98-95-3	ug/L		< 10 U	< 0.645 U	
Nitrocellulose	9004-70-0	ug/L			< 553 U	
Nitroglycerin	55-63-0	ug/L			< 10 U	
Nitroguanidine	556-88-7	ug/L			< 30.9 U	
PETN	78-11-5	ug/L			< 20 U	
Picric Acid	88-89-1	ug/L			< 0.27 U	
RDX	121-82-4	ug/L			< 1.17 U	
Tetrazene	14097-21-3	ug/L			< 40 U	
Tetryl	479-45-8	ug/L			< 1.56 U	
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L		< 10 U	< 0.0637 U	
2,6-Dinitrotoluene	606-20-2	ug/L		< 10 U	< 0.0738 U	
Metals						
Aluminum	7429-90-5	ug/L	93600		40.2	1500
Antimony	7440-36-0	ug/L	< 10 U		< 1 U	< 10 U
Arsenic	7440-38-2	ug/L	25		< 1 U	3 J
Barium	7440-39-3	ug/L	290		11	51 J
Beryllium	7440-41-7	ug/L	1.8 J		< 5 U	< 5 U
Boron	7440-42-8	ug/L			< 50 U	
Cadmium	7440-43-9	ug/L	1.6 J		< 3.01 U	< 2 U
Calcium	7440-70-2	ug/L	18400		25700	16700
Chromium	7440-47-3	ug/L	110		< 6.96 U	2.2 J
Cobalt	7440-48-4	ug/L	28 J		< 50 U	2.9 J
Copper	7440-50-8	ug/L	99		< 5 U	< 25 U
Iron	7439-89-6	ug/L	80000		94.3	4600
Lead	7439-92-1	ug/L	120		1.82	1.6 J
Magnesium	7439-95-4	ug/L	11300		5830	5600
Manganese	7439-96-5	ug/L	970		1400	410
Mercury	7439-97-6	ug/L	0.3		< 0.243 U	< 0.2 U
Nickel	7440-02-0	ug/L	88		< 7.11 U	5.6 J
Potassium	7440-09-7	ug/L	8300		1670	2000 J
Selenium	7782-49-2	ug/L	< 5 U		< 2 U	< 5 U
Silver	7440-22-4	ug/L	< 4 U		< 4.42 U	< 10 U
Sodium	7440-23-5	ug/L	48000		16600	39400
Strontium	7440-24-6	ug/L			97.5	
Thallium	7440-28-0	ug/L	< 1 U		< 1 U	< 1 UD
Titanium	7440-32-6	ug/L			< 2 U	
Vanadium	7440-62-2	ug/L	160		< 4.69 U	3.2 J
Zinc	7440-66-6	ug/L	340		< 35.8 U	27
Zirconium	7440-67-7	ug/L			< 1 U	
Pesticides						
4,4'-DDD	72-54-8	ug/L			< 0.0233 U	
4,4'-DDE	72-55-9	ug/L			< 0.027 U	
4,4'-DDT	50-29-3	ug/L			< 0.034 U	
Aldrin	309-00-2	ug/L			< 0.0918 U	
alpha-BHC	319-84-6	ug/L			< 0.0385 U	
alpha-Chlordane	5103-71-9	ug/L			< 0.075 UT	
beta-BHC	319-85-7	ug/L			< 0.024 U	
delta-BHC	319-86-8	ug/L			< 0.0293 U	
Diazinon	333-41-5	ug/L			< 0.188 UT	
Dieldrin	60-57-1	ug/L			< 0.024 U	
Endosulfan I	959-98-8	ug/L			< 0.023 U	
Endosulfan II	33213-65-9	ug/L			< 0.023 U	
Endosulfan sulfate	1031-07-8	ug/L			< 0.0786 U	
Endrin	72-20-8	ug/L			< 0.0238 U	
Endrin aldehyde	7421-93-4	ug/L			< 0.0285 U	
Endrin ketone	53494-70-5	ug/L			< 0.0285 UT	
gamma-BHC (Lindane)	58-89-9	ug/L			< 0.0507 U	
gamma-Chlordane	5103-74-2	ug/L			< 0.075 UT	
Heptachlor	76-44-8	ug/L			< 0.0423 U	
Heptachlor epoxide	1024-57-3	ug/L			< 0.0245 U	

		Site Name	90	90	90	90
		Location ID	I-90-HP-001	I-90-HP-001	I-90-MW-001	I-90-MW-002
		Sample Date	6/7/2001	6/18/2001	10/22/1996	7/18/2003
		Depth Interval	10 - 11.5	11.5 - 13	24.6 - 34.6	8 - 18
		Sample ID	90HP-1(20010607)	90HP-1(20010618)	90MW-1(19961022)	90MW-2(20030718)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
Isodrin	465-73-6	ug/L			< 0.0562 U	
Malathion	121-75-5	ug/L			< 0.188 UT	
Methoxychlor	72-43-5	ug/L			< 0.057 U	
Mirex	2385-85-5	ug/L			< 0.025 U	
Toxaphene	8001-35-2	ug/L			< 1.35 U	
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	< 1 U		< 0.51 U	
1,2,4-Trichlorobenzene	120-82-1	ug/L		< 10 U	< 1.8 U	
1,2-Dichlorobenzene	95-50-1	ug/L		< 10 U	< 1.7 U	
1,3-Dichlorobenzene	541-73-1	ug/L		< 10 U	< 1.7 U	
1,4-Dichlorobenzene	106-46-7	ug/L		< 10 U	< 1.7 U	
2,4,5-Trichlorophenol	95-95-4	ug/L		< 10 U	< 5.2 U	
2,4,6-Trichlorophenol	88-06-2	ug/L		< 10 U	< 4.2 U	
2,4-Dichlorophenol	120-83-2	ug/L		< 10 U	< 2.9 U	
2,4-Dimethylphenol	105-67-9	ug/L		< 10 U	< 5.8 U	
2,4-Dinitrophenol	51-28-5	ug/L		< 50 U	< 21 U	
2-Chloronaphthalene	91-58-7	ug/L		< 10 U	< 0.5 U	
2-Chlorophenol	95-57-8	ug/L		< 10 U	< 0.99 U	
2-Methylnaphthalene	91-57-6	ug/L		< 10 U	< 1.7 U	
2-Methylphenol	95-48-7	ug/L		< 10 U	< 3.9 U	
2-Nitroaniline	88-74-4	ug/L		< 50 U	< 4.3 U	
2-Nitrophenol	88-75-5	ug/L		< 10 U	< 3.7 U	
3,3'-Dichlorobenzidine	91-94-1	ug/L		< 50 U	< 12 U	
3-Nitroaniline	99-09-2	ug/L		< 50 U	< 4.9 U	
4,6-dinitro-2-Methylphenol	534-52-1	ug/L		< 50 U	< 17 U	
4-Bromophenyl phenyl ether	101-55-3	ug/L		< 10 U	< 4.2 U	
4-Chloro-3-methylphenol	59-50-7	ug/L		< 10 U	< 4 U	
4-Chloroaniline	106-47-8	ug/L		< 10 U	< 7.3 U	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L		< 10 U	< 5.1 U	
4-Methylphenol	106-44-5	ug/L		< 10 U#	< 0.52 U#	
4-Nitroaniline	100-01-6	ug/L		< 50 U	< 5.2 U	
4-Nitrophenol	100-02-7	ug/L		< 50 U	< 12 U	
Acenaphthene	83-32-9	ug/L		< 10 U	< 1.7 U	
Acenaphthylene	208-96-8	ug/L		< 10 U	< 0.5 U	
Aniline	62-53-3	ug/L		< 10 U	< 4.4 U	
Anthracene	120-12-7	ug/L		< 10 U	< 0.5 U	
Benz(a)anthracene	56-55-3	ug/L		< 10 U	< 1.6 U	
Benzo(a)pyrene	50-32-8	ug/L		< 10 U	< 4.7 U	
Benzo(b)fluoranthene	205-99-2	ug/L		< 10 U	< 5.4 U	
Benzo(g,h,i)perylene	191-24-2	ug/L		< 10 U	< 6.1 U	
Benzo(k)fluoranthene	207-08-9	ug/L		< 10 U	< 0.87 U	
Benzoic Acid	65-85-0	ug/L			< 13 U	
Benzyl alcohol	100-51-6	ug/L			< 0.72 U	
bis(2-Chloroethoxy)methane	111-91-1	ug/L		< 10 U	< 1.5 U	
bis(2-Chloroethyl)ether	111-44-4	ug/L		< 10 U	< 1.9 U	
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L		< 10 U	< 5.3 U	
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L		100 D	< 4.8 U	
Butylbenzyl phthalate	85-68-7	ug/L		< 10 U	< 3.4 U	
Carbazole	86-74-8	ug/L		< 10 U	< 2 U	
Chrysene	218-01-9	ug/L		< 10 U	< 2.4 U	
Dibenz(a,h)anthracene	53-70-3	ug/L		< 10 U	< 6.5 U	
Dibenzofuran	132-64-9	ug/L		< 10 U	< 1.7 U	
Diethylphthalate	84-66-2	ug/L		< 10 U	< 2 U	
Dimethylphthalate	131-11-3	ug/L		< 10 U	< 1.5 U	
di-n-Butylphthalate	84-74-2	ug/L		< 10 U	< 3.7 U	
di-n-Octylphthalate	117-84-0	ug/L		< 10 U	< 15 U	
Diphenylamine	122-39-4	ug/L		< 10 U	< 2.5 U	
Fluoranthene	206-44-0	ug/L		< 10 U	< 3.3 U	
Fluorene	86-73-7	ug/L		< 10 U	< 3.7 U	
Hexachlorobenzene	118-74-1	ug/L		< 10 U	< 1.6 U	
Hexachlorobutadiene	87-68-3	ug/L		< 10 U	< 3.4 U	
Hexachlorocyclopentadiene	77-47-4	ug/L		< 50 U	< 8.6 U	
Hexachloroethane	67-72-1	ug/L		< 10 U	< 1.5 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L		< 10 U	< 8.6 U	
Isophorone	78-59-1	ug/L		< 10 U	< 4.8 U	
Naphthalene	91-20-3	ug/L		< 10 U	< 0.5 U	

		Site Name	90	90	90	90
		Location ID	I-90-HP-001	I-90-HP-001	I-90-MW-001	I-90-MW-002
		Sample Date	6/7/2001	6/18/2001	10/22/1996	7/18/2003
		Depth Interval	10 - 11.5	11.5 - 13	24.6 - 34.6	8 - 18
		Sample ID	90HP-1(20010607)	90HP-1(20010618)	90MW-1(19961022)	90MW-2(20030718)
		Sample Matrix	WG	WG	WG	WG
Chemical Name	CAS No	Unit				
n-Nitroso-di-n-propylamine	621-64-7	ug/L		< 10 U	< 4.4 U	
n-Nitrosodiphenylamine	86-30-6	ug/L		< 10 U	< 3 U	
Pentachlorophenol	87-86-5	ug/L		< 10 U	< 0.042 U	
Phenanthrene	85-01-8	ug/L		< 10 U	< 0.5 U	
Phenol	108-95-2	ug/L		< 10 U	< 9.2 U	
Pyrene	129-00-0	ug/L		< 10 U	< 2.8 U	
TPH						
Diesel Range Organics	DRO	ug/L			< 340 U	
Gasoline range organics	GRO	ug/L			< 340 U	
TPH, aviation gas fraction	50815-00-4	ug/L			< 340 U	
TRPH	TRPH	ug/L			< 184 U	
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	< 1 U		< 0.5 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	< 1 U		< 5 U	
1,1,2-Trichloroethane	79-00-5	ug/L	< 1 U		< 1.2 U	
1,1-Dichloroethane	75-34-3	ug/L	< 1 U		< 0.68 U	
1,1-Dichloroethene	75-35-4	ug/L	< 1 U		< 0.5 U	
1,2-Dichloroethane	107-06-2	ug/L	< 1 U		< 0.5 U	
1,2-Dichloroethene (total)	540-59-0	ug/L			< 0.5 U	
1,2-Dichloropropane	78-87-5	ug/L	< 1 U		< 0.5 U	
2-Butanone	78-93-3	ug/L	< 10 (U)		< 6.4 U	
2-Hexanone	591-78-6	ug/L	< 10 U		< 3.6 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	< 5 U		< 3 U	
Acetone	67-64-1	ug/L	24		< 13 U	
Acetonitrile	75-05-8	ug/L	< 20 U		< 200 U	
Benzene	71-43-2	ug/L	< 1 U		< 0.5 U	
Bromodichloromethane	75-27-4	ug/L	< 1 U		< 0.59 U	
Bromoform	75-25-2	ug/L	< 1 U		< 2.6 U	
Bromomethane	74-83-9	ug/L	< 2 U		< 5.8 U	
Carbon disulfide	75-15-0	ug/L	< 1 U		< 0.5 U	
Carbon tetrachloride	56-23-5	ug/L	< 1 U		< 0.58 U	
Chlorobenzene	108-90-7	ug/L	< 1 U		< 0.5 U	
Chloroethane	75-00-3	ug/L	< 2 U		< 1.9 U	
Chloroform	67-66-3	ug/L	< 1 U		< 0.5 U	
Chloromethane	74-87-3	ug/L	< 2 U		< 3.2 U	
cis-1,2-Dichloroethene	156-59-2	ug/L	< 0.5 U			
cis-1,3-Dichloropropene	10061-01-5	ug/L	< 1 U		< 0.58 U	
Dibromochloromethane	124-48-1	ug/L	< 1 U		< 0.67 U	
Dichlorodifluoromethane	75-71-8	ug/L	< 2 U		< 6.9 U	
Ethanol	64-17-5	ug/L			< 2000 U	
Ethyl benzene	100-41-4	ug/L	< 1 U		< 0.5 U	
Isopropanol	67-63-0	ug/L			< 400 U	
Methylene chloride	75-09-2	ug/L	< 1 U		< 2.3 U	
Styrene	100-42-5	ug/L	< 1 U		< 0.5 U	
tert-Butylalcohol	75-65-0	ug/L			< 500 U	
Tetrachloroethene	127-18-4	ug/L	< 1 U		< 1.6 U	
Toluene	108-88-3	ug/L	< 1 U		< 0.5 U	
trans-1,2-Dichloroethene	156-60-5	ug/L	< 0.5 U			
trans-1,3-Dichloropropene	10061-02-6	ug/L	< 1 U		< 0.7 U	
Trichloroethene	79-01-6	ug/L	< 1 U		< 0.5 U	
Trichlorofluoromethane	75-69-4	ug/L	< 2 U		< 1.4 U	
Vinyl acetate	108-05-4	ug/L			< 8.3 U	
Vinyl chloride	75-01-4	ug/L	< 2 U		< 2.6 U	
Xylenes	1330-20-7	ug/L	< 1 U		< 0.84 U	
WetChem						
Ammonia	7664-41-7	ug/L			83.6	
Chloride	16887-00-6	ug/L			28500	
Cyanide	57-12-5	ug/L			< 2.5 U	
Fluoride	16984-48-8	ug/L			< 1230 U	
Nitrate/Nitrite	Nitrate/Nitrite	ug/L			1000	
Phosphate	14265-44-2	ug/L			20.8	
Sulfate	14808-79-8	ug/L			16000	
Sulfide	18496-25-8	ug/L			< 50 U	

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	90 / I-90-SD-001 / 8/2/1996 / 0 - 1 / 90SD-1(0-1) / SE	90 / I-90-SD-001 / 5/18/2001 / 1 - 2 / 90SD-1B(1-2) / SE	90 / I-90-SD-002 / 5/18/2001 / 0 - 1 / 90SD-2A(0-1) / SE	90 / I-90-SD-003 / 5/18/2001 / 0 - 1 / 90SD-3A(0-1) / SE
Explosives						
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U			
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U			
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U			
HMX	2691-41-0	mg/kg	< 0.666 U			
Nitrobenzene	98-95-3	mg/kg	< 2.41 U			
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U			
Nitroglycerin	55-63-0	mg/kg	< 4 U			
Nitroguanidine	556-88-7	mg/kg	< 0.475 U			
PETN	78-11-5	mg/kg	< 4 U			
Picric Acid	88-89-1	mg/kg	< 0.108 U			
RDX	121-82-4	mg/kg	< 0.587 U			
Tetrazene	14097-21-3	mg/kg	< 1.19 U			
Tetryl	479-45-8	mg/kg	< 0.731 U			
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U			
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U			
Metals						
Aluminum	7429-90-5	mg/kg	9440	7840 J	6640 J	7000 J
Antimony	7440-36-0	mg/kg	0.74	< 1.2 UJ	< 1.5 UJ	< 1.3 UJ
Arsenic	7440-38-2	mg/kg	17.4	6.9 J	16.7 J	17.5 J
Barium	7440-39-3	mg/kg	52.3	52 J	60.7 J	63.4 J
Beryllium	7440-41-7	mg/kg	< 0.5 U	0.38 J	0.17 J	0.09 J
Boron	7440-42-8	mg/kg	11.6			
Cadmium	7440-43-9	mg/kg	1.56	0.21 J	0.28 J	0.41 J
Calcium	7440-70-2	mg/kg	2550	1510 J	2250 J	3470 J
Chromium	7440-47-3	mg/kg	13.8	11.4 J	11.1 J	8.6 J
Cobalt	7440-48-4	mg/kg	7.48	6.7 J	8.7 J	9.4 J
Copper	7440-50-8	mg/kg	60.3	16.3 J	25.4 J	20 J
Iron	7439-89-6	mg/kg	19000	16800 J	25700 J	28800 J
Lead	7439-92-1	mg/kg	147	40.4 J	26.3 J	38.8 J
Magnesium	7439-95-4	mg/kg	4360	1490 J	1430 J	1610 J
Manganese	7439-96-5	mg/kg	298	374 J	317 J	1060 J
Mercury	7439-97-6	mg/kg	0.48	0.37 J	0.33 J	0.6 J
Nickel	7440-02-0	mg/kg	15.9	12.7 J	14.3 J	11.7 J
Potassium	7440-09-7	mg/kg	1400	350 J	442 J	455 J
Selenium	7782-49-2	mg/kg	1.08	0.39 J	1.2 J	< 0.63 UJ
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.6 UJ	< 0.73 UJ	< 0.63 UJ
Sodium	7440-23-5	mg/kg	531	< 598 UJ	< 735 UJ	< 627 UJ
Strontium	7440-24-6	mg/kg	30			
Thallium	7440-28-0	mg/kg	0.25	< 1.2 UJ	< 1.5 UJ	1.1 J
Titanium	7440-32-6	mg/kg	629			
Vanadium	7440-62-2	mg/kg	30.9	23.5 J	36.8 J	46.1 J
Zinc	7440-66-6	mg/kg	396	67.6 J	54.1 J	84.7 J
Zirconium	7440-67-7	mg/kg	5.38			
Pesticides						
Mirex	2385-85-5	mg/kg	< 0.25 U			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U			
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U			
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U			
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U			
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U			
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U			
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U			
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U			
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U			
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U			
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U			
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U			
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U			
2-Methylphenol	95-48-7	mg/kg	< 0.029 U			
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U			
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U			
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U			
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U			

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	90 / I-90-SD-001 / 8/2/1996 / 0 - 1 / 90SD-1(0-1) / SE	90 / I-90-SD-001 / 5/18/2001 / 1 - 2 / 90SD-1B(1-2) / SE	90 / I-90-SD-002 / 5/18/2001 / 0 - 1 / 90SD-2A(0-1) / SE	90 / I-90-SD-003 / 5/18/2001 / 0 - 1 / 90SD-3A(0-1) / SE
SVOC (continued)						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U			
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U			
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U			
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U			
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U			
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#			
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U			
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U			
Acenaphthene	83-32-9	mg/kg	2	< 0.39 U	< 0.48 U	< 0.41 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.39 U	< 0.48 U	< 0.41 U
Aniline	62-53-3	mg/kg	< 0.65 U			
Anthracene	120-12-7	mg/kg	4	< 0.39 U	< 0.48 U	< 0.41 U
Benz(a)anthracene	56-55-3	mg/kg	5	< 0.39 U	< 0.48 U	0.07 J
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.39 U	< 0.48 U	0.09 J
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.39 U	< 0.48 U	0.15 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.39 U	< 0.48 U	< 0.41 U
Benzo(k)fluoranthene	207-08-9	mg/kg	5	< 0.39 U	< 0.48 U	< 0.41 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U			
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U			
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U			
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U			
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U			
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U			
Carbazole	86-74-8	mg/kg	< 0.14 U			
Chrysene	218-01-9	mg/kg	6	< 0.39 U	< 0.48 U	0.11 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.39 U	< 0.48 U	< 0.41 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U			
Diethylphthalate	84-66-2	mg/kg	< 0.24 U			
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U			
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U			
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U			
Diphenylamine	122-39-4	mg/kg	< 0.13 U			
Fluoranthene	206-44-0	mg/kg	10	< 0.39 U	< 0.48 U	0.15 J
Fluorene	86-73-7	mg/kg	2	< 0.39 U	< 0.48 U	< 0.41 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U			
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U			
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U			
Hexachloroethane	67-72-1	mg/kg	< 0.15 U			
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.39 U	< 0.48 U	< 0.41 U
Isophorone	78-59-1	mg/kg	< 0.033 U			
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.39 U	< 0.48 U	< 0.41 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U			
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U			
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U			
Phenanthrene	85-01-8	mg/kg	10	< 0.39 U	< 0.48 U	< 0.41 U
Phenol	108-95-2	mg/kg	< 0.11 U			
Pyrene	129-00-0	mg/kg	10	< 0.39 U	< 0.48 U	0.17 J
TPH						
Diesel Fuel	68334-30-5	mg/kg	< 8.24 U			
Gasoline range organics	GRO	mg/kg	< 8.3 U			
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U			
TRPH	TRPH	mg/kg	389			
VOC						
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U			
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U			
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U			
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U			
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U			
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U			
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U			
2-Butanone	78-93-3	mg/kg	< 0.07 U			
2-Hexanone	591-78-6	mg/kg	< 0.032 U			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U			
Acetone	67-64-1	mg/kg	< 0.017 U			

		Site Name	90	90	90	90
		Location ID	I-90-SD-001	I-90-SD-001	I-90-SD-002	I-90-SD-003
		Sample Date	8/2/1996	5/18/2001	5/18/2001	5/18/2001
		Depth Interval	0 - 1	1 - 2	0 - 1	0 - 1
		Sample ID	90SD-1(0-1)	90SD-1B(1-2)	90SD-2A(0-1)	90SD-3A(0-1)
		Sample Matrix	SE	SE	SE	SE
Chemical Name	**CAS No**	**Unit**				
VOC (continued)						
Acetonitrile	75-05-8	mg/kg	< 0.23 U			
Benzene	71-43-2	mg/kg	< 0.15 U			
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U			
Bromoform	75-25-2	mg/kg	< 0.69 U			
Bromomethane	74-83-9	mg/kg	< 0.57 U			
Carbon disulfide	75-15-0	mg/kg	< 0.44 U			
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U			
Chlorobenzene	108-90-7	mg/kg	< 0.086 U			
Chloroethane	75-00-3	mg/kg	< 0.012 U			
Chloroform	67-66-3	mg/kg	< 0.087 U			
Chloromethane	74-87-3	mg/kg	< 0.88 U			
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U			
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U			
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U			
Ethanol	64-17-5	mg/kg	< 3.7 U			
Ethyl benzene	100-41-4	mg/kg	< 0.17 U			
Isopropanol	67-63-0	mg/kg	< 0.79 U			
Methylene chloride	75-09-2	mg/kg	< 0.012 U			
Styrene	100-42-5	mg/kg	< 0.26 U			
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U			
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U			
Toluene	108-88-3	mg/kg	< 0.078 U			
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U			
Trichloroethene	79-01-6	mg/kg	< 0.28 U			
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U			
Vinyl acetate	108-05-4	mg/kg	< 0.032 U			
Vinyl chloride	75-01-4	mg/kg	< 0.62 U			
Xylenes	1330-20-7	mg/kg	< 0.15 U			
WetChem						
% Solids	%Solid	%		83.7	68.1	79.7
Ammonia	7664-41-7	mg/kg	320			
Chloride	16887-00-6	mg/kg	< 6.05 U			
Cyanide	57-12-5	mg/kg	< 0.92 U			
Fluoride	16984-48-8	mg/kg	< 3.62 U			
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	6.69 J			
Phosphate	14265-44-2	mg/kg	630			
Sulfate	14808-79-8	mg/kg	< 90.4 U			
Sulfide	18496-25-8	mg/kg	< 6 U			
Total organic carbon	TOC	mg/kg	33300			

Chemical Name	CAS No	Unit	Site Name: 90	90	90	90	90	90	90	90	90
			Location ID: I-90-MW-001	I-90-MW-001	I-90-SB-001	I-90-SB-001	I-90-SB-001	I-90-SB-002	I-90-SB-002	I-90-SB-002	I-90-SS-001A
			Sample Date: 4/18/1996	4/18/1996	4/19/1996	4/19/1996	4/19/1996	6/4/2001	6/4/2001	6/4/2001	4/15/1996
			Depth Interval: 0 - 2	5 - 7	0 - 2	10 - 12	5 - 7	2 - 4	2 - 4	4 - 6	0 - 1
			Sample ID: 90MW-1A(0-2)	90MW-1B(5-7)	90SB-1A(0-2)	90SB-1C(10-12)	90SB-1B(5-7)	90SB-2B(2-4)	90SB-2BDUP(2-4)	90SB-2C(4-6)	90SS-1A(0-1)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO	SO
Explosives											
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U				< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U				< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U				0.84
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U				< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U				< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U				< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U				< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U				< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U				13.4
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U	< 0.108 U				< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U				< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 UJ	< 1.19 UJ	< 1.19 R	< 1.19 R	< 1.19 R				< 1.19 R
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U				< 0.731 U
Explosives / SVOC											
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U				< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U				< 0.524 U
Metals											
Aluminum	7429-90-5	mg/kg	8630	9280	8610	8210	6900	8680	6730	8850	3500
Antimony	7440-36-0	mg/kg	0.24	< 0.1 U	0.37	< 0.1 U	< 0.1 U	< 1.1 U	< 1.1 U	< 1.1 U	2.07
Arsenic	7440-38-2	mg/kg	4.34	2.66	22.4	8.99	18.2	4	3.8	4	9.15
Barium	7440-39-3	mg/kg	54.7	46.8	41.4	40.3	30.4	35.9	38.3	57.2	192
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U	0.64	< 0.5 U	< 0.5 U	< 0.57 U	< 0.57 U	0.09 J	< 0.5 U
Boron	7440-42-8	mg/kg	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U	< 5.91 U				< 5.91 U
Cadmium	7440-43-9	mg/kg	4.97	0.93	< 0.7 U	< 0.7 U	< 0.7 U	0.2 J	1.4	0.58	9.9
Calcium	7440-70-2	mg/kg	1260	1100	777	1310	428	500 J	581	1600	1800
Chromium	7440-47-3	mg/kg	13.8	12.7	19.5	11.9	19.8	10.6	9.1	9.7	110
Cobalt	7440-48-4	mg/kg	9.11	7.97	12.4	5.9	9.66	6.9	6.3	6.4	11
Copper	7440-50-8	mg/kg	24.2	16	34.5	9.27	24.9	15	16.6	17	860
Iron	7439-89-6	mg/kg	18100	17500	22700	16400	21900	16800	15400	17300	260000
Lead	7439-92-1	mg/kg	109	30.1	36.6	15	28.6	22.6	28.5	154	1100
Magnesium	7439-95-4	mg/kg	2440	1890	3300	1620	2300	1660	1740	2230	1600
Manganese	7439-96-5	mg/kg	330	327	390	290	448	201	450	220	750
Mercury	7439-97-6	mg/kg	0.1	< 0.05 U	0.14	0.17	< 0.05 U	0.68	0.65	0.29	0.74
Nickel	7440-02-0	mg/kg	16.2	12.4	19.5	8.04	16.2	10.2	10.2	9.7	84
Potassium	7440-09-7	mg/kg	534	403	683	402	566	354 J	417 J	426 J	284
Selenium	7782-49-2	mg/kg	0.76	0.74	0.62	0.63	0.63	< 0.57 U	< 0.57 U	< 0.57 U	1.51
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.589 U
Sodium	7440-23-5	mg/kg	359	336	353	363	299	< 574 U	< 572 U	< 571 U	351
Strontium	7440-24-6	mg/kg	8.05	9.03	5.9	8.95	6.56				43
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 1.1 U	< 1.1 U	< 1.1 U	< 0.1 U
Titanium	7440-32-6	mg/kg	191	162	164	228	153				241
Vanadium	7440-62-2	mg/kg	21.8	21.8	17.4	18.9	15.1	15.8	13.2	17.6	36
Zinc	7440-66-6	mg/kg	135	56.5	82.5	37.3	52	40.6	69.4	201	2300
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U	4.68	6.72	3.89				5.26
PCBs											
Aroclor 1016	12674-11-2	mg/kg									
Aroclor 1221	11104-28-2	mg/kg									
Aroclor 1232	11141-16-5	mg/kg									
Aroclor 1242	53469-21-9	mg/kg									
Aroclor 1248	12672-29-6	mg/kg									
Aroclor 1254	11097-69-1	mg/kg									
Aroclor 1260	11096-82-5	mg/kg									

		Site Name	90	90	90	90	90	90	90	90	90
		Location ID	I-90-MW-001	I-90-MW-001	I-90-SB-001	I-90-SB-001	I-90-SB-001	I-90-SB-002	I-90-SB-002	I-90-SB-002	I-90-SS-001A
		Sample Date	4/18/1996	4/18/1996	4/19/1996	4/19/1996	4/19/1996	6/4/2001	6/4/2001	6/4/2001	4/15/1996
		Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	5 - 7	2 - 4	2 - 4	4 - 6	0 - 1
		Sample ID	90MW-1A(0-2)	90MW-1B(5-7)	90SB-1A(0-2)	90SB-1C(10-12)	90SB-1B(5-7)	90SB-2B(2-4)	90SB-2BDUP(2-4)	90SB-2C(4-6)	90SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
Pesticides											
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U				< 0.25 U
SVOC											
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U				< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U				< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U				< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U				< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U	< 0.098 U				< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U				< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U				< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U				< 0.69 U
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U	< 1.2 U				< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U				< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.06 U				< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U				< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U	< 0.029 U				< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U	< 0.062 U				< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U				< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U	< 6.3 U				< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U				< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U	< 0.55 U				< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U	< 0.095 U				< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U				< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#	< 0.24 U#				< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U	< 0.41 U				< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U	< 1.4 U				< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U	< 0.036 U				< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U	< 0.65 U				< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U	0.06	< 0.033 U	< 0.033 U				< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U				< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U	0.37	< 0.21 U	< 0.21 U				< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U	< 0.25 U				< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	0.13	< 0.066 U	0.21	< 0.066 U	< 0.066 U				< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U				< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U	< 0.059 U				< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U				< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U	3.9	2.8	< 0.62 U				< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U	< 0.14 U				< 0.14 U
Chrysene	218-01-9	mg/kg	0.22	< 0.12 U	0.36	< 0.12 U	< 0.12 U				< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U				< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U	< 0.035 U				< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U				< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U	< 0.061 U				0.2
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U				< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U				< 0.13 U

		Site Name	90	90	90	90	90	90	90	90	90
		Location ID	I-90-MW-001	I-90-MW-001	I-90-SB-001	I-90-SB-001	I-90-SB-001	I-90-SB-002	I-90-SB-002	I-90-SB-002	I-90-SS-001A
		Sample Date	4/18/1996	4/18/1996	4/19/1996	4/19/1996	4/19/1996	6/4/2001	6/4/2001	6/4/2001	4/15/1996
		Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	5 - 7	2 - 4	2 - 4	4 - 6	0 - 1
		Sample ID	90MW-1A(0-2)	90MW-1B(5-7)	90SB-1A(0-2)	90SB-1C(10-12)	90SB-1B(5-7)	90SB-2B(2-4)	90SB-2BDUP(2-4)	90SB-2C(4-6)	90SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**									
SVOC (continued)											
Fluoranthene	206-44-0	mg/kg	0.29	< 0.068 U	0.33	< 0.068 U	< 0.068 U				< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U				< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U	< 6.2 U				< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U				< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U				< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U	< 0.033 U				< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U				< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U				< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U				< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U	< 1.3 U				< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.15	< 0.033 U	0.07	< 0.033 U	< 0.033 U				< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U				< 0.11 U
Pyrene	129-00-0	mg/kg	0.32	< 0.033 U	0.38	< 0.033 U	< 0.033 U				0.1
TPH											
Diesel Fuel	68334-30-5	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U				< 7.98 U
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U				< 8 U
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U				< 8 U
TRPH	TRPH	mg/kg									251
VOC											
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U				< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U				< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U				< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U				< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U				< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U				< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U				< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U				< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U				< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U				< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U				< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U				< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U				< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U				< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U				< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U				< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U				< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U				< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U				< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U				< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U				< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U				< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U				< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U				< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U				< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U				< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U				< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U				< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U				< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U				< 0.26 U

Chemical Name	CAS No	Site Name	90	90	90	90	90	90	90	90	90
		Location ID	I-90-MW-001	I-90-MW-001	I-90-SB-001	I-90-SB-001	I-90-SB-001	I-90-SB-002	I-90-SB-002	I-90-SB-002	I-90-SS-001A
		Sample Date	4/18/1996	4/18/1996	4/19/1996	4/19/1996	4/19/1996	6/4/2001	6/4/2001	6/4/2001	4/15/1996
		Depth Interval	0 - 2	5 - 7	0 - 2	10 - 12	5 - 7	2 - 4	2 - 4	4 - 6	0 - 1
		Sample ID	90MW-1A(0-2)	90MW-1B(5-7)	90SB-1A(0-2)	90SB-1C(10-12)	90SB-1B(5-7)	90SB-2B(2-4)	90SB-2BDUP(2-4)	90SB-2C(4-6)	90SS-1A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO	SO
		Unit									
VOC (continued)											
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U				< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U				< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U				< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U				< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U				< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U	< 0.59 U				0.01
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U				< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U				< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U				< 0.15 U
WetChem											
% Solids	%Solid	%						87.1	87.4	87.5	
Ammonia	7664-41-7	mg/kg	123	38.9	22.2	59.3	17.9				58.5
Chloride	16887-00-6	mg/kg	< 6.05 U	15	< 6.05 U	< 6.05 U	< 6.05 U				< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U				< 0.92 U
Fluoride	16984-48-8	mg/kg	6.36	4.83	6.28	23.9	< 3.62 U				< 3.62 U
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	1.78	< 0.6 U	< 0.6 U	< 0.6 U	< 0.6 U				2.56
Phosphate	14265-44-2	mg/kg	11.3	16.1	15.2	< 7.49 U	12.1				270
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U	< 90.4 U				< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U				< 6 U

		Site Name	90	90	90	90	90	90	90	90
		Location ID	I-90-SS-002A	I-90-SS-003C	I-90-SS-004A	I-90-SS-005A	I-90-SS-006	I-90-SS-007	I-90-SS-008	I-90-SS-009
		Sample Date	4/15/1996	4/15/1996	3/27/1996	3/27/1996	5/8/2001	5/8/2001	5/8/2001	5/8/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	90SS-2A(0-1)	90SS-3C(0-1)	90SS-4A(0-1)	90SS-5A(0-1)	90SS-6A(0-1)	90SS-7A(0-1)	90SS-8A(0-1)	90SS-9A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Explosives										
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U						
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U						
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U						
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U						
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U						
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U						
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U						
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U						
PETN	78-11-5	mg/kg	< 4 U	< 4 U						
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U						
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U						
Tetrazene	14097-21-3	mg/kg	< 1.19 R	< 1.19 R						
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U						
Explosives / SVOC										
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U						
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U						
Metals										
Aluminum	7429-90-5	mg/kg	4430	14200			5000			
Antimony	7440-36-0	mg/kg	0.5	0.37			< 1.1 U			
Arsenic	7440-38-2	mg/kg	8.5	8.33			4.4			
Barium	7440-39-3	mg/kg	39.4	155			32.2			
Beryllium	7440-41-7	mg/kg	< 0.5 U	0.93			< 0.54 U			
Boron	7440-42-8	mg/kg	< 5.91 U	10.8						
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U			1.1			
Calcium	7440-70-2	mg/kg	31000	33200			5350			
Chromium	7440-47-3	mg/kg	7.8	12.5			8.2			
Cobalt	7440-48-4	mg/kg	4.1	5.89			5.6			
Copper	7440-50-8	mg/kg	13.7	24.3			62.5			
Iron	7439-89-6	mg/kg	11700	19000			14300			
Lead	7439-92-1	mg/kg	26.6	179			24.9			
Magnesium	7439-95-4	mg/kg	15900	10000			3630			
Manganese	7439-96-5	mg/kg	251	1030			165			
Mercury	7439-97-6	mg/kg	< 0.05 U	0.14			0.17			
Nickel	7440-02-0	mg/kg	6.75	11.8			9.3			
Potassium	7440-09-7	mg/kg	835	1080			570			
Selenium	7782-49-2	mg/kg	1.4	1.41			< 0.54 U			
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U			< 0.54 U			
Sodium	7440-23-5	mg/kg	394	1380			< 541 U			
Strontium	7440-24-6	mg/kg	110	35						
Thallium	7440-28-0	mg/kg	< 0.1 U	< 0.1 U			< 1.1 U			
Titanium	7440-32-6	mg/kg	460	409						
Vanadium	7440-62-2	mg/kg	10	32.3			19.6			
Zinc	7440-66-6	mg/kg	76	198			70.7			
Zirconium	7440-67-7	mg/kg	16.6	7.52						
PCBs										
Aroclor 1016	12674-11-2	mg/kg			< 0.0666 U	< 0.0666 U		< 0.035 U	< 0.034 U	< 0.034 U
Aroclor 1221	11104-28-2	mg/kg			< 0.082 UT	< 0.082 UT		< 0.035 U	< 0.034 U	< 0.034 U
Aroclor 1232	11141-16-5	mg/kg			< 0.082 UT	< 0.082 UT		< 0.035 U	< 0.034 U	< 0.034 U
Aroclor 1242	53469-21-9	mg/kg			< 0.082 UT	< 0.082 UT		< 0.035 U	< 0.034 U	< 0.034 U
Aroclor 1248	12672-29-6	mg/kg			< 0.082 UT	< 0.082 UT		< 0.035 U	< 0.034 U	< 0.034 U
Aroclor 1254	11097-69-1	mg/kg			< 0.082 UT	2.5 N		< 0.035 U	< 0.034 U	< 0.034 U
Aroclor 1260	11096-82-5	mg/kg			< 0.0804 U	< 0.0804 U		< 0.035 U	< 0.034 U	< 0.034 U

		Site Name	90	90	90	90	90	90	90	90
		Location ID	I-90-SS-002A	I-90-SS-003C	I-90-SS-004A	I-90-SS-005A	I-90-SS-006	I-90-SS-007	I-90-SS-008	I-90-SS-009
		Sample Date	4/15/1996	4/15/1996	3/27/1996	3/27/1996	5/8/2001	5/8/2001	5/8/2001	5/8/2001
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	90SS-2A(0-1)	90SS-3C(0-1)	90SS-4A(0-1)	90SS-5A(0-1)	90SS-6A(0-1)	90SS-7A(0-1)	90SS-8A(0-1)	90SS-9A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**								
Pesticides										
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U						
SVOC										
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U						
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U						
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U						
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U						
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U						
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U						
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U						
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U						
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U						
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U						
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U						
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U						
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U						
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U						
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U						
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U						
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U						
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U						
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U						
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U						
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U						
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U						
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U						
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#						
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U						
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U						
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U				< 0.35 U	< 1.7 UD	< 0.34 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U				< 0.35 U	< 1.7 UD	< 0.34 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U						
Anthracene	120-12-7	mg/kg	0.07	0.1				< 0.35 U	1.7 D	< 0.34 U
Benz(a)anthracene	56-55-3	mg/kg	0.19	< 0.17 U				0.23 J	4.4 D	0.17 J
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U				0.22 J	3.7 D	0.19 J
Benzo(b)fluoranthene	205-99-2	mg/kg	0.4	< 0.21 U				0.26 J	4.7 D	0.22 J
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U				0.14 J	2.1 D	0.14 J
Benzo(k)fluoranthene	207-08-9	mg/kg	0.11	0.2				< 0.35 U	1.9 D	< 0.34 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U						
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U						
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U						
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U						
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U						
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U						
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U						
Chrysene	218-01-9	mg/kg	0.33	0.5				0.27 J	4.3 D	0.2 J
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U				< 0.35 U	0.63 JD	< 0.34 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U						
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U						
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U						
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U						
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U						
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U						

Chemical Name	CAS No	Unit	Site Name: 90	90	90	90	90	90	90	90
			Location ID: I-90-SS-002A	I-90-SS-003C	I-90-SS-004A	I-90-SS-005A	I-90-SS-006	I-90-SS-007	I-90-SS-008	I-90-SS-009
			Sample Date: 4/15/1996	4/15/1996	3/27/1996	3/27/1996	5/8/2001	5/8/2001	5/8/2001	5/8/2001
			Depth Interval: 0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
			Sample ID: 90SS-2A(0-1)	90SS-3C(0-1)	90SS-4A(0-1)	90SS-5A(0-1)	90SS-6A(0-1)	90SS-7A(0-1)	90SS-8A(0-1)	90SS-9A(0-1)
			Sample Matrix: SO	SO	SO	SO	SO	SO	SO	SO
SVOC (continued)										
Fluoranthene	206-44-0	mg/kg	0.32	0.9				0.51	12 D	0.32 J
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U				< 0.35 U	0.88 JD	< 0.34 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U						
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U						
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U						
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U						
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U				0.12 J	2 D	0.12 J
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U						
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U				< 0.35 U	< 1.7 UD	< 0.34 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U						
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U						
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U						
Phenanthrene	85-01-8	mg/kg	0.27	0.7				0.39	8.6 D	0.12 J
Phenol	108-95-2	mg/kg	0.76	< 0.11 U						
Pyrene	129-00-0	mg/kg	0.5	0.7				0.43	11 D	0.31 J
TPH										
Diesel Fuel	68334-30-5	mg/kg	< 7.98 U	< 7.98 U						
Gasoline range organics	GRO	mg/kg	< 8 U	< 8 U						
TPH, aviation gas fraction	50815-00-4	mg/kg	< 8 U	< 8 U						
TRPH	TRPH	mg/kg	120	154						
VOC										
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U						
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U						
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U						
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U						
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U						
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U						
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U						
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U						
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U						
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U						
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U						
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U						
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U						
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U						
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U						
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U						
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U						
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U						
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U						
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U						
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U						
Chloroform	67-66-3	mg/kg	0.09	0.12						
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U						
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U						
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U						
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U						
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U						
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U						
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U						
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U						
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U						

Chemical Name	CAS No	Unit	Site Name: 90 / Location ID: I-90-SS-002A / Sample Date: 4/15/1996 / Depth Interval: 0 - 1 / Sample ID: 90SS-2A(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-003C / Sample Date: 4/15/1996 / Depth Interval: 0 - 1 / Sample ID: 90SS-3C(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-004A / Sample Date: 3/27/1996 / Depth Interval: 0 - 1 / Sample ID: 90SS-4A(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-005A / Sample Date: 3/27/1996 / Depth Interval: 0 - 1 / Sample ID: 90SS-5A(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-006 / Sample Date: 5/8/2001 / Depth Interval: 0 - 1 / Sample ID: 90SS-6A(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-007 / Sample Date: 5/8/2001 / Depth Interval: 0 - 1 / Sample ID: 90SS-7A(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-008 / Sample Date: 5/8/2001 / Depth Interval: 0 - 1 / Sample ID: 90SS-8A(0-1) / Sample Matrix: SO	Site Name: 90 / Location ID: I-90-SS-009 / Sample Date: 5/8/2001 / Depth Interval: 0 - 1 / Sample ID: 90SS-9A(0-1) / Sample Matrix: SO
VOC (continued)										
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U						
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U						
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U						
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U						
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U						
Trichlorofluoromethane	75-69-4	mg/kg	0.01	0.01						
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U						
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U						
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U						
WetChem										
% Solids	%Solid	%					92.4	94	97.2	95.7
Ammonia	7664-41-7	mg/kg	64.5	63.5						
Chloride	16887-00-6	mg/kg	22.2	< 6.05 U						
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U						
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U						
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	4.37	2.44						
Phosphate	14265-44-2	mg/kg	330	560						
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U						
Sulfide	18496-25-8	mg/kg	14	110						

			Site Name	98	98	98	98	98	98
			Location ID	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3B	H-MWG-3B
			Sample Date	5/2/1994	7/31/1994	10/31/1996	8/2/1999	5/3/1994	7/31/1994
			Depth Interval	20 - 30	20 - 30	20 - 30	20 - 30	48 - 58	48 - 58
			Sample ID	MWG-3A(19940502)	MWG-3A(19940731)	MWG-3A(19961031)	MWG-3A(19990802)	MWG-3B(19940503)	MWG-3B(19940731)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Explosives									
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	0.27 NE	< 0.21 U	< 0.449 U	< 0.2 U	< 0.21 U	< 0.21 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	0.5	< 0.458 U	< 0.611 U	< 0.2 U	< 0.524 UEJ	< 0.458 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.426 U	< 0.426 UJ	< 0.635 U	< 0.2 U	< 0.426 U	< 0.426 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)				< 0.2 U		
2-Nitrotoluene	88-72-2	ug/L	(1)				< 0.2 U		
3-Nitrotoluene	99-08-1	ug/L	(1)	< 2.9 U	< 2.9 U		< 0.2 U	< 2.9 U	< 2.9 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)				< 0.2 U		
4-Nitrotoluene	99-99-0	ug/L	(1)				< 0.2 U		
HMX	2691-41-0	ug/L	(1)	< 0.533 U	< 0.533 U	< 1.21 U	< 0.5 U	< 0.533 U	< 0.533 U
Nitrobenzene	98-95-3	ug/L	(1)	< 3.7 U	< 3.7 U	< 0.645 U	< 0.2 U	< 3.7 U	< 3.7 U
Nitrobenzene	98-95-3	ug/L	(2)	< 0.682 U	< 0.682 UJ			< 0.682 U	< 0.682 U
Nitrocellulose	9004-70-0	ug/L	(1)	< 222 U	< 222 U	< 553 U	< 500 U	< 222 U	< 222 U
Nitroglycerin	55-63-0	ug/L	(1)	< 1.49 U	< 1.49 U	< 10 U	< 2.5 U	< 1.49 U	< 1.49 U
Nitroguanidine	556-88-7	ug/L	(1)			< 30.9 U	< 20 UJ		
PETN	78-11-5	ug/L	(1)	< 2 U	< 2 U	< 20 U	< 2.5 U	< 2 U	< 2 U
Picric Acid	88-89-1	ug/L	(1)			< 0.27 U			
RDX	121-82-4	ug/L	(1)	< 0.416 U	< 0.416 UJ	< 1.17 U	< 0.5 U	0.59	< 0.416 U
Tetrazene	14097-21-3	ug/L	(1)			< 40 U			
Tetryl	479-45-8	ug/L	(1)	< 0.631 U	< 0.631 U	< 1.56 U	< 0.2 U	< 0.631 U	< 0.631 U
Explosives / SVOC									
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.397 U	< 5.8 U	< 0.0637 U	< 0.2 U	< 0.397 U	< 5.8 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)	< 5.8 U	< 0.397 R			< 5.8 U	< 0.397 U
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 6.7 U	< 0.6 U	< 0.0738 U	< 0.2 U	< 0.6 U	< 0.6 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)	< 0.6 U	< 6.7 U			< 6.7 U	< 6.7 U
Metals									
Aluminum	7429-90-5	ug/L	(1)	< 112 U	10300	155	2000 J	< 112 U	1250
Aluminum	7429-90-5	ug/L	(2)	13300				9090	
Antimony	7440-36-0	ug/L	(1)	< 60 U	< 60 U	< 1 U	< 60 U	< 60 U	< 60 U
Antimony	7440-36-0	ug/L	(2)	< 60 U				< 60 U	
Arsenic	7440-38-2	ug/L	(1)	< 2.35 U	3.04	< 1 U	< 10 U	2.56	< 2.35 U
Arsenic	7440-38-2	ug/L	(2)	4.36				< 2.35 U	
Barium	7440-39-3	ug/L	(1)	126	91.8	24	42 J	75.9	23.9
Barium	7440-39-3	ug/L	(2)	40.4				12.7	
Beryllium	7440-41-7	ug/L	(1)	< 1.12 U	< 1.12 U	< 5 U	< 5 U	< 1.12 U	< 1.12 U
Beryllium	7440-41-7	ug/L	(2)	< 1.12 U				< 1.12 U	
Boron	7440-42-8	ug/L	(1)			64.9			
Cadmium	7440-43-9	ug/L	(1)	< 6.78 U	< 6.78 U	< 3.01 U	< 5 U	< 6.78 U	< 6.78 U
Cadmium	7440-43-9	ug/L	(2)	< 6.78 U				< 6.78 U	
Calcium	7440-70-2	ug/L	(1)	37000	25700	15500	22100	14500	21100
Calcium	7440-70-2	ug/L	(2)	39000				18000	
Chromium	7440-47-3	ug/L	(1)	24.4	16.7	15.9	22	< 16.8 U	< 16.8 U
Chromium	7440-47-3	ug/L	(2)	< 16.8 U				21.9	
Cobalt	7440-48-4	ug/L	(1)	< 25 U	< 25 U	< 50 U	< 50 U	< 25 U	< 25 U
Cobalt	7440-48-4	ug/L	(2)	< 25 U				< 25 U	
Copper	7440-50-8	ug/L	(1)	37.2	35.9	< 5 U	5.4 J	26.9	< 18.8 U

			Site Name	98	98	98	98	98	98
			Location ID	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3B	H-MWG-3B
			Sample Date	5/2/1994	7/31/1994	10/31/1996	8/2/1999	5/3/1994	7/31/1994
			Depth Interval	20 - 30	20 - 30	20 - 30	20 - 30	48 - 58	48 - 58
			Sample ID	MWG-3A(19940502)	MWG-3A(19940731)	MWG-3A(19961031)	MWG-3A(19990802)	MWG-3B(19940503)	MWG-3B(19940731)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
Copper	7440-50-8	ug/L	(2)	< 18.8 U				< 18.8 U	
Iron	7439-89-6	ug/L	(1)	< 77.5 U	28100	332	3300 J	283	3060
Iron	7439-89-6	ug/L	(2)	35700				19500	
Lead	7439-92-1	ug/L	(1)	< 4.47 U	15.4	2.55	< 3 U	12.9	5.71
Lead	7439-92-1	ug/L	(2)	16.5				< 4.47 U	
Magnesium	7439-95-4	ug/L	(1)	5190	6750	2530	3500 J	5350	6680
Magnesium	7439-95-4	ug/L	(2)	9560				8450	
Manganese	7439-96-5	ug/L	(1)	159	888	20.2	91	353	271
Manganese	7439-96-5	ug/L	(2)	1130				597	
Mercury	7439-97-6	ug/L	(1)	< 0.1 U	< 0.1 U	< 0.243 U	< 0.2 U	< 0.1 U	< 0.1 U
Mercury	7439-97-6	ug/L	(2)	< 0.1 U				0.12	
Nickel	7440-02-0	ug/L	(1)	< 32.1 U	< 32.1 U	12.2	16 J	< 32.1 U	< 32.1 U
Nickel	7440-02-0	ug/L	(2)	< 32.1 U				36.9	
Potassium	7440-09-7	ug/L	(1)	2850	3190	1760	2500 J	2680	1880
Potassium	7440-09-7	ug/L	(2)	4280				< 1240 U	
Selenium	7782-49-2	ug/L	(1)	< 2.53 U	< 2.53 UJ	< 2 U	< 5 U	< 2.53 U	< 2.53 UJ
Selenium	7782-49-2	ug/L	(2)	< 2.53 U				< 2.53 U	
Silver	7440-22-4	ug/L	(1)	< 0.333 U	< 0.333 U	< 4.42 U	< 10 U	< 0.333 UJ	< 0.333 U
Silver	7440-22-4	ug/L	(2)	< 0.333 U				< 0.333 UJ	
Sodium	7440-23-5	ug/L	(1)	31800	20600	18800	18700	10700	6070
Sodium	7440-23-5	ug/L	(2)	33100				12300	
Strontium	7440-24-6	ug/L	(1)			90			
Thallium	7440-28-0	ug/L	(1)	< 125 U	< 125 U	< 1 U	< 10 U	< 125 U	< 125 U
Thallium	7440-28-0	ug/L	(2)	< 125 U				< 125 U	
Titanium	7440-32-6	ug/L	(1)			< 2 U			
Vanadium	7440-62-2	ug/L	(1)	< 27.6 U	28.3	< 4.69 U	< 50 U	< 27.6 U	< 27.6 U
Vanadium	7440-62-2	ug/L	(2)	< 27.6 U				< 27.6 U	
Zinc	7440-66-6	ug/L	(1)	83.9	92	< 35.8 U	14 J	87.4 B	40.6
Zinc	7440-66-6	ug/L	(2)	< 18 U				44.3 B	
Zirconium	7440-67-7	ug/L	(1)			< 1 U			
Other									
1,4-Oxathiane	15980-15-1	ug/L	(1)	< 27 U	< 27 U			< 27 U	< 27 U
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)	< 21 U	< 21 U			< 21 U	< 21 U
Dimethylmethylphosphonate	756-79-6	ug/L	(1)	< 130 U	< 130 U			< 130 U	< 130 U
Dithiane	51330-42-8	ug/L	(1)	< 3.3 U	< 3.3 U			< 3.3 U	< 3.3 U
PCBs									
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.385 U	< 0.385 R	< 0.16 U		< 0.385 U	< 0.385 U
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.16 UT		< 0.385 UT	< 0.385 UT
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.16 UT		< 0.385 UT	< 0.385 UT
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.19 UT		< 0.385 UT	< 0.385 UT
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.385 UT	< 0.385 UT	< 0.19 UT		< 0.385 UT	< 0.385 UT
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.176 UT	< 0.176 UT	< 0.19 UT		< 0.176 UT	< 0.176 UT
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.176 U	< 0.176 R	< 0.19 U		< 0.176 U	< 0.176 U
Pesticides									
4,4'-DDD	72-54-8	ug/L	(1)	< 18 U	< 18 U	< 0.0233 U		< 0.81 U	< 0.81 U
4,4'-DDD	72-54-8	ug/L	(2)	< 0.81 U	< 0.81 U			< 18 U	< 18 U

			Site Name	98	98	98	98	98	98
			Location ID	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3B	H-MWG-3B
			Sample Date	5/2/1994	7/31/1994	10/31/1996	8/2/1999	5/3/1994	7/31/1994
			Depth Interval	20 - 30	20 - 30	20 - 30	20 - 30	48 - 58	48 - 58
			Sample ID	MWG-3A(19940502)	MWG-3A(19940731)	MWG-3A(19961031)	MWG-3A(19990802)	MWG-3B(19940503)	MWG-3B(19940731)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
4,4'-DDE	72-55-9	ug/L	(1)	< 14 U	< 0.39 U	< 0.027 U		< 0.39 U	< 14 U
4,4'-DDE	72-55-9	ug/L	(2)	< 0.39 U	< 14 U			< 14 U	< 0.39 U
4,4'-DDT	50-29-3	ug/L	(1)	< 0.25 U	< 18 U	< 0.034 U		< 0.25 U	< 0.25 U
4,4'-DDT	50-29-3	ug/L	(2)	< 18 U	< 0.25 U			< 18 U	< 18 U
Aldrin	309-00-2	ug/L	(1)	< 13 U	< 0.74 U	< 0.0918 U		< 0.74 U	< 0.74 U
Aldrin	309-00-2	ug/L	(2)	< 0.74 U	< 13 U			< 13 U	< 13 U
alpha-BHC	319-84-6	ug/L	(1)	< 0.25 U	< 5.3 U	< 0.0385 U		< 5.3 U	< 5.3 U
alpha-BHC	319-84-6	ug/L	(2)	< 5.3 U	< 0.25 U			< 0.25 U	< 0.25 U
alpha-Chlordane	5103-71-9	ug/L	(1)			< 0.075 UT			
Atrazine	1912-24-9	ug/L	(1)	< 5.9 U	< 5.9 U			< 5.9 U	< 5.9 U
beta-BHC	319-85-7	ug/L	(1)	< 0.99 U	< 0.99 U	< 0.024 U		< 0.99 U	< 17 U
beta-BHC	319-85-7	ug/L	(2)	< 17 U	< 17 U			< 17 U	< 0.99 U
Bromacil	314-40-9	ug/L	(1)	< 2.9 U	< 2.9 U			< 2.9 U	< 2.9 U
Chlordane	57-74-9	ug/L	(1)	< 37 U	< 37 U			< 0.0312 U	< 37 U
Chlordane	57-74-9	ug/L	(2)	< 0.0312 U	< 0.0312 U			< 37 U	< 0.0312 U
delta-BHC	319-86-8	ug/L	(1)	< 0.34 U	< 0.34 U	< 0.0293 U		< 0.34 U	< 0.34 U
Diazinon	333-41-5	ug/L	(1)			< 0.188 UT			
Dieldrin	60-57-1	ug/L	(1)	< 26 U	< 26 U	< 0.024 U		< 0.74 UJ	< 26 U
Dieldrin	60-57-1	ug/L	(2)	< 0.74 UJ	< 0.74 U			< 26 U	< 0.74 U
Endosulfan I	959-98-8	ug/L	(1)	< 23 U	< 0.25 U	< 0.023 U		< 23 U	< 23 U
Endosulfan I	959-98-8	ug/L	(2)	< 0.25 UJ	< 23 U			< 0.25 UJ	< 0.25 U
Endosulfan II	33213-65-9	ug/L	(1)	< 0.77 U	< 42 U	< 0.023 U		< 42 U	< 42 U
Endosulfan II	33213-65-9	ug/L	(2)	< 42 U	< 0.77 U			< 0.77 U	< 0.77 U
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 50 U	< 50 U	< 0.0786 U		0.45 N	< 50 U
Endosulfan sulfate	1031-07-8	ug/L	(2)	< 0.25 UT	0.6 N			< 50 U	0.02 N
Endrin	72-20-8	ug/L	(1)	< 0.0176 U	< 0.0176 U	< 0.0238 U		< 18 U	< 18 U
Endrin	72-20-8	ug/L	(2)	< 18 U	< 18 U			< 0.0176 U	< 0.0176 U
Endrin aldehyde	7421-93-4	ug/L	(1)	< 0.0504 U	< 5 U	< 0.0285 U		< 5 U	< 5 U
Endrin aldehyde	7421-93-4	ug/L	(2)	< 5 U	< 0.0504 U			< 0.0504 U	< 0.0504 U
Endrin ketone	53494-70-5	ug/L	(1)	< 0.25 UT	< 0.25 UT	< 0.0285 UT		< 0.25 UT	< 0.25 UT
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 0.25 UJ	< 7.2 U	< 0.0507 U		< 0.25 UJ	< 7.2 U
gamma-BHC (Lindane)	58-89-9	ug/L	(2)	< 7.2 U	< 0.25 U			< 7.2 U	< 0.25 U
gamma-Chlordane	5103-74-2	ug/L	(1)			< 0.075 UT			
Heptachlor	76-44-8	ug/L	(1)	< 0.25 UJ	< 0.25 U	< 0.0423 U		< 38 U	< 0.25 U
Heptachlor	76-44-8	ug/L	(2)	< 38 U	< 38 U			< 0.25 UJ	< 38 U
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 28 U	< 28 U	< 0.0245 U		< 0.63 U	< 28 U
Heptachlor epoxide	1024-57-3	ug/L	(2)	< 0.63 U	< 0.63 U			< 28 U	< 0.63 U
Isodrin	465-73-6	ug/L	(1)	< 7.8 U	< 7.8 U	< 0.0562 U		< 7.8 U	< 7.8 U
Isodrin	465-73-6	ug/L	(2)	< 0.25 U	< 0.25 U			< 0.25 U	< 0.25 U
Malathion	121-75-5	ug/L	(1)	< 21 U	< 21 U	< 0.188 UT		< 21 U	< 21 U
Methoxychlor	72-43-5	ug/L	(1)	< 11 U	< 11 U	< 0.057 U		< 0.075 U	< 0.075 U
Methoxychlor	72-43-5	ug/L	(2)	< 0.075 U	< 0.075 U			< 11 U	< 11 U
Mirex	2385-85-5	ug/L	(1)	< 24 U	< 24 U	< 0.025 U		< 24 U	< 24 U
Parathion	56-38-2	ug/L	(1)	< 37 U	< 37 U			< 37 U	< 37 U
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)	< 10 U	< 10 U			< 10 U	< 10 U
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)	< 5.3 U	< 5.3 U			< 5.3 U	< 5.3 U

			Site Name	98	98	98	98	98	98
			Location ID	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3B	H-MWG-3B
			Sample Date	5/2/1994	7/31/1994	10/31/1996	8/2/1999	5/3/1994	7/31/1994
			Depth Interval	20 - 30	20 - 30	20 - 30	20 - 30	48 - 58	48 - 58
			Sample ID	MWG-3A(19940502)	MWG-3A(19940731)	MWG-3A(19961031)	MWG-3A(19990802)	MWG-3B(19940503)	MWG-3B(19940731)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)	< 15 U	< 15 U			< 15 U	< 15 U
Supona	470-90-6	ug/L	(1)	< 19 U	< 19 U			< 19 U	< 19 U
Toxaphene	8001-35-2	ug/L	(1)	< 1.64 U	< 1.64 U	< 1.35 U		< 1.64 U	< 1.64 U
Vapona	62-73-7	ug/L	(1)	< 8.5 U	< 8.5 U			< 8.5 U	< 8.5 U
SVOC									
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 1.5 U	< 1.5 U	< 0.51 U	< 10 UD	< 1.5 U	< 1.5 U
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 2.4 U	< 2.4 U	< 1.8 U		< 2.4 U	< 2.4 U
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.2 U	< 1.2 U	< 1.7 U		< 1.2 U	< 1.2 U
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)	< 13 U	< 13 U			< 13 U	< 13 U
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 3.4 U	< 1 U	< 1.7 U		< 3.4 U	< 3.4 U
1,3-Dichlorobenzene	541-73-1	ug/L	(2)	< 1 U	< 3.4 U			< 1 U	< 1 U
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.5 U	< 1.5 U	< 1.7 U		< 1.5 U	< 1.5 U
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 2.8 U	< 2.8 U	< 5.2 U		< 2.8 U	< 2.8 U
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 3.6 U	< 3.6 U	< 4.2 U		< 3.6 U	< 3.6 U
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 8.4 U	< 8.4 U	< 2.9 U		< 8.4 U	< 8.4 U
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 4.4 U	< 4.4 U	< 5.8 U		< 4.4 U	< 4.4 U
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 180 U	< 180 U	< 21 U		< 180 U	< 180 U
2,6-Dinitroaniline	606-22-4	ug/L	(1)	< 8.8 U	< 8.8 U			< 8.8 U	< 8.8 U
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 2.6 U	< 2.6 U	< 0.5 U		< 2.6 U	< 2.6 U
2-Chlorophenol	95-57-8	ug/L	(1)	< 2.8 U	< 2.8 U	< 0.99 U		< 2.8 U	< 2.8 U
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.3 U	< 1.3 U	< 1.7 U		< 1.3 U	< 1.3 U
2-Methylphenol	95-48-7	ug/L	(1)	< 3.6 U	< 3.6 U	< 3.9 U		< 3.6 U	< 3.6 U
2-Nitroaniline	88-74-4	ug/L	(1)			< 4.3 U			
2-Nitrophenol	88-75-5	ug/L	(1)	< 8.2 U	< 8.2 U	< 3.7 U		< 8.2 U	< 8.2 U
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 5 U	< 5 U	< 12 U		< 5 U	< 5 U
3,5-Dinitroaniline	618-87-1	ug/L	(1)	< 21 U	< 21 U			< 21 U	< 21 U
3-Nitroaniline	99-09-2	ug/L	(1)	< 15 U	< 15 U	< 4.9 U		< 15 U	< 15 U
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)			< 17 U			
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 22 U	< 22 U	< 4.2 U		< 22 U	< 22 U
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 8.5 U	< 8.5 U	< 4 U		< 8.5 U	< 8.5 U
4-Chloroaniline	106-47-8	ug/L	(1)			< 7.3 U			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 23 U	< 23 U	< 5.1 U		< 23 U	< 23 U
4-Methylphenol	106-44-5	ug/L	(1)	< 2.8 U#	< 2.8 U#	< 0.52 U#		< 2.8 U#	< 2.8 U#
4-Nitroaniline	100-01-6	ug/L	(1)			< 5.2 U			
4-Nitrophenol	100-02-7	ug/L	(1)	< 96 U	< 96 U	< 12 U		< 96 U	< 96 U
Acenaphthene	83-32-9	ug/L	(1)	< 5.8 U	< 5.8 U	< 1.7 U		< 5.8 U	< 5.8 U
Acenaphthylene	208-96-8	ug/L	(1)	< 5.1 U	< 5.1 U	< 0.5 U		< 5.1 U	< 5.1 U
Aniline	62-53-3	ug/L	(1)			< 4.4 U			
Anthracene	120-12-7	ug/L	(1)	< 5.2 U	< 5.2 U	< 0.5 U		< 5.2 U	< 5.2 U
Benz(a)anthracene	56-55-3	ug/L	(1)	< 9.8 U	< 9.8 U	< 1.6 U		< 9.8 U	< 9.8 U
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 14 U	< 14 U	< 4.7 U		< 14 U	< 14 U
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 10 U	< 10 U	< 5.4 U		< 10 U	< 10 U
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 15 U	< 15 U	< 6.1 U		< 15 U	< 15 U
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 10 U	< 10 U	< 0.87 U		< 10 U	< 10 U
Benzoic Acid	65-85-0	ug/L	(1)			< 13 U			
Benzyl alcohol	100-51-6	ug/L	(1)	< 4 U	< 4 U	< 0.72 U		< 4 U	< 4 U

			Site Name	98	98	98	98	98	98
			Location ID	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3B	H-MWG-3B
			Sample Date	5/2/1994	7/31/1994	10/31/1996	8/2/1999	5/3/1994	7/31/1994
			Depth Interval	20 - 30	20 - 30	20 - 30	20 - 30	48 - 58	48 - 58
			Sample ID	MWG-3A(19940502)	MWG-3A(19940731)	MWG-3A(19961031)	MWG-3A(19990802)	MWG-3B(19940503)	MWG-3B(19940731)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 6.8 U	< 6.8 U	< 1.5 U		< 6.8 U	< 6.8 U
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 0.68 U	< 0.68 U	< 1.9 U		< 0.68 U	< 0.68 U
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5 U	< 5 U	< 5.3 U		< 5 U	< 5 U
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 7.7 U	< 7.7 U	< 4.8 U		< 7.7 U	< 7.7 U
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 28 U	< 28 U	< 3.4 U		< 28 U	< 28 U
Carbazole	86-74-8	ug/L	(1)			< 2 U			
Chrysene	218-01-9	ug/L	(1)	< 7.4 U	< 7.4 U	< 2.4 U		< 7.4 U	< 7.4 U
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 12 U	< 12 U	< 6.5 U		< 12 U	< 12 U
Dibenzofuran	132-64-9	ug/L	(1)	< 5.1 U	< 5.1 U	< 1.7 U		< 5.1 U	< 5.1 U
Dichlorobenzenes	25321-22-6	ug/L	(1)	< 2 U	< 2 U			< 2 U	< 2 U
Dicyclopentadiene	77-73-6	ug/L	(1)	< 5.5 U	< 5.5 U			< 5.5 U	< 5.5 U
Diethylphthalate	84-66-2	ug/L	(1)	< 5.9 U	< 5.9 U	< 2 U		< 5.9 U	< 5.9 U
Dimethylphthalate	131-11-3	ug/L	(1)	< 2.2 U	< 2.2 U	< 1.5 U		< 2.2 U	< 2.2 U
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 33 U	< 33 U	< 3.7 U		< 33 U	< 33 U
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 1.5 U	< 1.5 U	< 15 U		< 1.5 U	< 1.5 U
Diphenylamine	122-39-4	ug/L	(1)			< 2.5 U			
Fluoranthene	206-44-0	ug/L	(1)	< 24 U	< 24 U	< 3.3 U		< 24 U	< 24 U
Fluorene	86-73-7	ug/L	(1)	< 9.2 U	< 9.2 U	< 3.7 U		< 9.2 U	< 9.2 U
Hexachlorobenzene	118-74-1	ug/L	(1)	< 12 U	< 12 U	< 1.6 U		< 12 U	< 12 U
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 8.7 U	< 8.7 U	< 3.4 U		< 8.7 U	< 8.7 U
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 54 U	< 54 U	< 8.6 U		< 54 U	< 54 U
Hexachloroethane	67-72-1	ug/L	(1)	< 8.3 U	< 8.3 U	< 1.5 U		< 8.3 U	< 8.3 U
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 21 U	< 21 U	< 8.6 U		< 21 U	< 21 U
Isophorone	78-59-1	ug/L	(1)	< 2.4 U	< 2.4 U	< 4.8 U		< 2.4 U	< 2.4 U
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U	< 0.5 U	< 0.5 U		< 0.5 U	< 0.5 U
N-Nitrosodimethylamine	62-75-9	ug/L	(1)	< 9.7 U	< 9.7 U			< 9.7 U	< 9.7 U
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 6.8 U	< 6.8 U	< 4.4 U		< 6.8 U	< 6.8 U
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3.7 U	< 3.7 U	< 3 U		< 3.7 U	< 3.7 U
Pentachlorophenol	87-86-5	ug/L	(1)	< 9.1 U	< 9.1 U	< 0.042 U		< 9.1 U	< 9.1 U
Phenanthrene	85-01-8	ug/L	(1)	< 9.9 U	< 9.9 U	< 0.5 U		< 9.9 U	< 9.9 U
Phenol	108-95-2	ug/L	(1)	< 2.2 U	< 2.2 U	< 9.2 U		< 2.2 U	< 2.2 U
Pyrene	129-00-0	ug/L	(1)	< 17 U	< 17 U	< 2.8 U		< 17 U	< 17 U
VOC									
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)			91	120 D		
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1 U	< 1 U	< 1.2 U	< 10 UD	< 1 U	< 1 U
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 1 U	< 1 U	< 0.68 U	< 10 UD	< 1 U	< 1 U
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)	< 5.8 U	< 5.8 U			< 5.8 U	< 5.8 U
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 5 U	< 5 U	< 0.5 U		< 5 U	< 5 U
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
1,3-Dichloropropane	142-28-9	ug/L	(1)	< 4.8 U	< 4.8 U			< 4.8 U	< 4.8 U
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)	< 1.7 U	< 1.7 U			< 1.7 U	< 1.7 U
2-Butanone	78-93-3	ug/L	(1)	< 10 U	< 10 U	< 6.4 U	< 100 R	< 10 U	< 10 U
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)	< 3.5 U	< 3.5 U			< 3.5 U	< 3.5 U

			Site Name	98	98	98	98	98	98
			Location ID	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3A	H-MWG-3B	H-MWG-3B
			Sample Date	5/2/1994	7/31/1994	10/31/1996	8/2/1999	5/3/1994	7/31/1994
			Depth Interval	20 - 30	20 - 30	20 - 30	20 - 30	48 - 58	48 - 58
			Sample ID	MWG-3A(19940502)	MWG-3A(19940731)	MWG-3A(19961031)	MWG-3A(19990802)	MWG-3B(19940503)	MWG-3B(19940731)
			Sample Matrix	WG	WG	WG	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo						
2-Hexanone	591-78-6	ug/L	(1)			< 3.6 U	< 100 UD		
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 1.4 U	< 1.4 U	< 3 U	< 100 UD	< 1.4 U	< 1.4 U
Acetone	67-64-1	ug/L	(1)	< 8 U	< 8 U	< 13 U	< 100 R	< 8 U	< 8 U
Acetonitrile	75-05-8	ug/L	(1)			< 200 U	< 200 R		
Acrylonitrile	107-13-1	ug/L	(1)	< 8.4 U	< 8.4 U			< 8.4 U	< 8.4 U
Benzene	71-43-2	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
Bromodichloromethane	75-27-4	ug/L	(1)	< 1 U	< 1 U	< 0.59 U	< 10 UD	< 1 U	< 1 U
Bromoform	75-25-2	ug/L	(1)	< 11 U	< 11 U	< 2.6 U	< 10 UD	< 11 U	< 11 U
Bromomethane	74-83-9	ug/L	(1)	< 14 U	< 14 U	< 5.8 U	< 20 UD	< 14 U	< 14 U
Carbon disulfide	75-15-0	ug/L	(1)			< 0.5 U	< 10 UD		
Carbon tetrachloride	56-23-5	ug/L	(1)	< 1 U	< 1 U	< 0.58 U	< 10 UD	< 1 U	< 1 U
Chlorobenzene	108-90-7	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
Chloroethane	75-00-3	ug/L	(1)	< 8 U	< 8 U	< 1.9 U	< 20 UD	< 8 U	< 8 U
Chloroform	67-66-3	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
Chloromethane	74-87-3	ug/L	(1)	< 1.2 U	< 1.2 U	< 3.2 U	< 20 UD	< 1.2 U	< 1.2 U
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)				< 5 UD		
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)			< 0.58 U	< 10 UD		
Dibromochloromethane	124-48-1	ug/L	(1)	< 1 U	< 1 U	< 0.67 U	< 10 UD	< 1 U	< 1 U
Dibromochloropropane	96-12-8	ug/L	(1)	< 12 U	< 12 U			< 12 U	< 12 U
Dichlorodifluoromethane	75-71-8	ug/L	(1)			< 6.9 U	< 20 UD		
Ethanol	64-17-5	ug/L	(1)			< 2000 U			
Ethyl benzene	100-41-4	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
Isopropanol	67-63-0	ug/L	(1)			< 400 U			
Methylene chloride	75-09-2	ug/L	(1)	< 1 U	< 1 U	< 2.3 U	< 10 (U)D	< 1 U	< 1 U
m-Xylenes	108-38-3	ug/L	(1)	< 1 U	< 1 U			< 1 U	< 1 U
Styrene	100-42-5	ug/L	(1)			< 0.5 U	< 10 UD		
tert-Butylalcohol	75-65-0	ug/L	(1)			< 500 U			
Tetrachloroethene	127-18-4	ug/L	(1)	< 1 U	< 1 U	< 1.6 U	< 10 UJD	< 1 U	< 1 U
Toluene	108-88-3	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)				< 5 UD		
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)			< 0.7 U	< 10 UD		
Trichloroethene	79-01-6	ug/L	(1)	< 1 U	< 1 U	< 0.5 U	< 10 UD	< 1 U	< 1 U
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1 U	< 1 U	< 1.4 U	< 20 UD	< 1 U	< 1 U
Vinyl acetate	108-05-4	ug/L	(1)			< 8.3 U			
Vinyl chloride	75-01-4	ug/L	(1)	< 12 U	< 12 U	< 2.6 U	< 20 UD	< 12 U	< 12 U
Xylenes	1330-20-7	ug/L	(1)	< 2 U	< 2 U	< 0.84 U	< 10 UD	< 2 U	< 2 U
WetChem									
Ammonia	7664-41-7	ug/L	(1)			< 60 U			
Chloride	16887-00-6	ug/L	(1)			27400			
Cyanide	57-12-5	ug/L	(1)	< 5 U	< 5 U	< 2.5 U		< 5 U	< 5 U
Fluoride	16984-48-8	ug/L	(1)			< 1230 U			
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)			440			
Phosphate	14265-44-2	ug/L	(1)			28.3			
Sulfate	14808-79-8	ug/L	(1)			11000			
Sulfide	18496-25-8	ug/L	(1)			< 50 U			
Total organic carbon	TOC	ug/L	(1)	< 1000 U	< 1000 U				

			Site Name	98	98	98
			Location ID	H-MWG-3B	H-MWG-3B	H-MWG-3B
			Sample Date	10/30/1996	8/2/1999	8/2/1999
			Depth Interval	48 - 58	48 - 58	48 - 58
			Sample ID	MWG-3B(19961030)	MWG-3B(19990802)	MWG-3BDUP(19990802)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Explosives						
1,3,5-Trinitrobenzene	99-35-4	ug/L	(1)	< 0.449 U	< 0.2 U	< 0.2 U
1,3-Dinitrobenzene	99-65-0	ug/L	(1)	< 0.611 U	< 0.2 U	< 0.2 U
2,4,6-Trinitrotoluene	118-96-7	ug/L	(1)	< 0.635 U	< 0.2 U	< 0.2 U
2-amino-4,6-Dinitrotoluene	35572-78-2	ug/L	(1)		< 0.2 U	< 0.2 U
2-Nitrotoluene	88-72-2	ug/L	(1)		< 0.2 U	< 0.2 U
3-Nitrotoluene	99-08-1	ug/L	(1)		< 0.2 U	< 0.2 U
4-amino-2,6-Dinitrotoluene	19406-51-0	ug/L	(1)		< 0.2 U	< 0.2 U
4-Nitrotoluene	99-99-0	ug/L	(1)		< 0.2 U	< 0.2 U
HMX	2691-41-0	ug/L	(1)	< 1.21 U	< 0.5 U	< 0.5 U
Nitrobenzene	98-95-3	ug/L	(1)	< 0.645 U	< 0.2 U	< 0.2 U
Nitrobenzene	98-95-3	ug/L	(2)			
Nitrocellulose	9004-70-0	ug/L	(1)	< 553 U	< 500 U	< 500 U
Nitroglycerin	55-63-0	ug/L	(1)	< 10 U	< 2.5 U	< 2.5 U
Nitroguanidine	556-88-7	ug/L	(1)	< 30.9 U	< 20 UJ	< 20 UJ
PETN	78-11-5	ug/L	(1)	< 20 U	< 2.5 U	< 2.5 U
Picric Acid	88-89-1	ug/L	(1)	< 0.27 U		
RDX	121-82-4	ug/L	(1)	< 1.17 U	< 0.5 U	< 0.5 U
Tetrazene	14097-21-3	ug/L	(1)	< 40 U		
Tetryl	479-45-8	ug/L	(1)	< 1.56 U	< 0.2 U	< 0.2 U
Explosives / SVOC						
2,4-Dinitrotoluene	121-14-2	ug/L	(1)	< 0.0637 U	< 0.2 U	< 0.2 U
2,4-Dinitrotoluene	121-14-2	ug/L	(2)			
2,6-Dinitrotoluene	606-20-2	ug/L	(1)	< 0.0738 U	< 0.2 U	< 0.2 U
2,6-Dinitrotoluene	606-20-2	ug/L	(2)			
Metals						
Aluminum	7429-90-5	ug/L	(1)	1020	850 J	670 J
Aluminum	7429-90-5	ug/L	(2)			
Antimony	7440-36-0	ug/L	(1)	< 1 U	< 60 U	< 60 U
Antimony	7440-36-0	ug/L	(2)			
Arsenic	7440-38-2	ug/L	(1)	< 1 U	< 10 U	< 10 U
Arsenic	7440-38-2	ug/L	(2)			
Barium	7440-39-3	ug/L	(1)	33	29 J	28 J
Barium	7440-39-3	ug/L	(2)			
Beryllium	7440-41-7	ug/L	(1)	< 5 U	< 5 U	< 5 U
Beryllium	7440-41-7	ug/L	(2)			
Boron	7440-42-8	ug/L	(1)	< 50 U		
Cadmium	7440-43-9	ug/L	(1)	< 3.01 U	< 5 U	< 5 U
Cadmium	7440-43-9	ug/L	(2)			
Calcium	7440-70-2	ug/L	(1)	19400	22800	21900
Calcium	7440-70-2	ug/L	(2)			
Chromium	7440-47-3	ug/L	(1)	63.6	11	8 J
Chromium	7440-47-3	ug/L	(2)			
Cobalt	7440-48-4	ug/L	(1)	< 50 U	< 50 U	< 50 U
Cobalt	7440-48-4	ug/L	(2)			
Copper	7440-50-8	ug/L	(1)	< 5 U	3.5 J	3.3 J

			Site Name	98	98	98
			Location ID	H-MWG-3B	H-MWG-3B	H-MWG-3B
			Sample Date	10/30/1996	8/2/1999	8/2/1999
			Depth Interval	48 - 58	48 - 58	48 - 58
			Sample ID	MWG-3B(19961030)	MWG-3B(19990802)	MWG-3BDUP(19990802)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
Copper	7440-50-8	ug/L	(2)			
Iron	7439-89-6	ug/L	(1)	4610	3300 J	2900 J
Iron	7439-89-6	ug/L	(2)			
Lead	7439-92-1	ug/L	(1)	2.11	< 3 U	< 3 U
Lead	7439-92-1	ug/L	(2)			
Magnesium	7439-95-4	ug/L	(1)	6520	6800	6500
Magnesium	7439-95-4	ug/L	(2)			
Manganese	7439-96-5	ug/L	(1)	1190	460	430
Manganese	7439-96-5	ug/L	(2)			
Mercury	7439-97-6	ug/L	(1)	< 0.243 U	0.29	< 0.2 U
Mercury	7439-97-6	ug/L	(2)			
Nickel	7440-02-0	ug/L	(1)	41.1	< 40 U	< 40 U
Nickel	7440-02-0	ug/L	(2)			
Potassium	7440-09-7	ug/L	(1)	1350	1500 J	1400 J
Potassium	7440-09-7	ug/L	(2)			
Selenium	7782-49-2	ug/L	(1)	< 2 U	< 5 U	< 5 U
Selenium	7782-49-2	ug/L	(2)			
Silver	7440-22-4	ug/L	(1)	< 4.42 U	< 10 U	< 10 U
Silver	7440-22-4	ug/L	(2)			
Sodium	7440-23-5	ug/L	(1)	4890	9000	8400
Sodium	7440-23-5	ug/L	(2)			
Strontium	7440-24-6	ug/L	(1)	36.3		
Thallium	7440-28-0	ug/L	(1)	< 1 U	< 10 U	< 10 U
Thallium	7440-28-0	ug/L	(2)			
Titanium	7440-32-6	ug/L	(1)	3.85		
Vanadium	7440-62-2	ug/L	(1)	< 4.69 U	< 50 U	< 50 U
Vanadium	7440-62-2	ug/L	(2)			
Zinc	7440-66-6	ug/L	(1)	< 35.8 U	21	21
Zinc	7440-66-6	ug/L	(2)			
Zirconium	7440-67-7	ug/L	(1)	< 1 U		
Other						
1,4-Oxathiane	15980-15-1	ug/L	(1)			
Diisopropyl methylphosphonate	1445-75-6	ug/L	(1)			
Dimethylmethylphosphonate	756-79-6	ug/L	(1)			
Dithiane	51330-42-8	ug/L	(1)			
PCBs						
Aroclor 1016	12674-11-2	ug/L	(1)	< 0.16 U		
Aroclor 1221	11104-28-2	ug/L	(1)	< 0.16 UT		
Aroclor 1232	11141-16-5	ug/L	(1)	< 0.16 UT		
Aroclor 1242	53469-21-9	ug/L	(1)	< 0.19 UT		
Aroclor 1248	12672-29-6	ug/L	(1)	< 0.19 UT		
Aroclor 1254	11097-69-1	ug/L	(1)	< 0.19 UT		
Aroclor 1260	11096-82-5	ug/L	(1)	< 0.19 U		
Pesticides						
4,4'-DDD	72-54-8	ug/L	(1)	< 0.0233 U		
4,4'-DDD	72-54-8	ug/L	(2)			

			Site Name	98	98	98
			Location ID	H-MWG-3B	H-MWG-3B	H-MWG-3B
			Sample Date	10/30/1996	8/2/1999	8/2/1999
			Depth Interval	48 - 58	48 - 58	48 - 58
			Sample ID	MWG-3B(19961030)	MWG-3B(19990802)	MWG-3BDUP(19990802)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
4,4'-DDE	72-55-9	ug/L	(1)	< 0.027 U		
4,4'-DDE	72-55-9	ug/L	(2)			
4,4'-DDT	50-29-3	ug/L	(1)	< 0.034 U		
4,4'-DDT	50-29-3	ug/L	(2)			
Aldrin	309-00-2	ug/L	(1)	< 0.0918 U		
Aldrin	309-00-2	ug/L	(2)			
alpha-BHC	319-84-6	ug/L	(1)	< 0.0385 U		
alpha-BHC	319-84-6	ug/L	(2)			
alpha-Chlordane	5103-71-9	ug/L	(1)	< 0.075 UT		
Atrazine	1912-24-9	ug/L	(1)			
beta-BHC	319-85-7	ug/L	(1)	< 0.024 U		
beta-BHC	319-85-7	ug/L	(2)			
Bromacil	314-40-9	ug/L	(1)			
Chlordane	57-74-9	ug/L	(1)			
Chlordane	57-74-9	ug/L	(2)			
delta-BHC	319-86-8	ug/L	(1)	< 0.0293 U		
Diazinon	333-41-5	ug/L	(1)	< 0.188 UT		
Dieldrin	60-57-1	ug/L	(1)	< 0.024 U		
Dieldrin	60-57-1	ug/L	(2)			
Endosulfan I	959-98-8	ug/L	(1)	< 0.023 U		
Endosulfan I	959-98-8	ug/L	(2)			
Endosulfan II	33213-65-9	ug/L	(1)	< 0.023 U		
Endosulfan II	33213-65-9	ug/L	(2)			
Endosulfan sulfate	1031-07-8	ug/L	(1)	< 0.0786 U		
Endosulfan sulfate	1031-07-8	ug/L	(2)			
Endrin	72-20-8	ug/L	(1)	< 0.0238 U		
Endrin	72-20-8	ug/L	(2)			
Endrin aldehyde	7421-93-4	ug/L	(1)	< 0.0285 U		
Endrin aldehyde	7421-93-4	ug/L	(2)			
Endrin ketone	53494-70-5	ug/L	(1)	< 0.0285 UT		
gamma-BHC (Lindane)	58-89-9	ug/L	(1)	< 0.0507 U		
gamma-BHC (Lindane)	58-89-9	ug/L	(2)			
gamma-Chlordane	5103-74-2	ug/L	(1)	< 0.075 UT		
Heptachlor	76-44-8	ug/L	(1)	< 0.0423 U		
Heptachlor	76-44-8	ug/L	(2)			
Heptachlor epoxide	1024-57-3	ug/L	(1)	< 0.0245 U		
Heptachlor epoxide	1024-57-3	ug/L	(2)			
Isodrin	465-73-6	ug/L	(1)	< 0.0562 U		
Isodrin	465-73-6	ug/L	(2)			
Malathion	121-75-5	ug/L	(1)	< 0.188 UT		
Methoxychlor	72-43-5	ug/L	(1)	< 0.057 U		
Methoxychlor	72-43-5	ug/L	(2)			
Mirex	2385-85-5	ug/L	(1)	< 0.025 U		
Parathion	56-38-2	ug/L	(1)			
p-Chlorophenylmethyl sulfide	123-09-1	ug/L	(1)			
p-Chlorophenylmethyl sulfone	98-57-7	ug/L	(1)			

			Site Name	98	98	98
			Location ID	H-MWG-3B	H-MWG-3B	H-MWG-3B
			Sample Date	10/30/1996	8/2/1999	8/2/1999
			Depth Interval	48 - 58	48 - 58	48 - 58
			Sample ID	MWG-3B(19961030)	MWG-3B(19990802)	MWG-3BDUP(19990802)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
p-Chlorophenylmethyl sulfoxide	934-73-6	ug/L	(1)			
Supona	470-90-6	ug/L	(1)			
Toxaphene	8001-35-2	ug/L	(1)	< 1.35 U		
Vapona	62-73-7	ug/L	(1)			
SVOC						
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	(1)	< 0.51 U	< 10 UD	< 10 UD
1,2,4-Trichlorobenzene	120-82-1	ug/L	(1)	< 1.8 U		
1,2-Dichlorobenzene	95-50-1	ug/L	(1)	< 1.7 U		
1,2-Diphenylhydrazine	122-66-7	ug/L	(1)			
1,3-Dichlorobenzene	541-73-1	ug/L	(1)	< 1.7 U		
1,3-Dichlorobenzene	541-73-1	ug/L	(2)			
1,4-Dichlorobenzene	106-46-7	ug/L	(1)	< 1.7 U		
2,4,5-Trichlorophenol	95-95-4	ug/L	(1)	< 5.2 U		
2,4,6-Trichlorophenol	88-06-2	ug/L	(1)	< 4.2 U		
2,4-Dichlorophenol	120-83-2	ug/L	(1)	< 2.9 U		
2,4-Dimethylphenol	105-67-9	ug/L	(1)	< 5.8 U		
2,4-Dinitrophenol	51-28-5	ug/L	(1)	< 21 U		
2,6-Dinitroaniline	606-22-4	ug/L	(1)			
2-Chloronaphthalene	91-58-7	ug/L	(1)	< 0.5 U		
2-Chlorophenol	95-57-8	ug/L	(1)	< 0.99 U		
2-Methylnaphthalene	91-57-6	ug/L	(1)	< 1.7 U		
2-Methylphenol	95-48-7	ug/L	(1)	< 3.9 U		
2-Nitroaniline	88-74-4	ug/L	(1)	< 4.3 U		
2-Nitrophenol	88-75-5	ug/L	(1)	< 3.7 U		
3,3'-Dichlorobenzidine	91-94-1	ug/L	(1)	< 12 U		
3,5-Dinitroaniline	618-87-1	ug/L	(1)			
3-Nitroaniline	99-09-2	ug/L	(1)	< 4.9 U		
4,6-dinitro-2-Methylphenol	534-52-1	ug/L	(1)	< 17 U		
4-Bromophenyl phenyl ether	101-55-3	ug/L	(1)	< 4.2 U		
4-Chloro-3-methylphenol	59-50-7	ug/L	(1)	< 4 U		
4-Chloroaniline	106-47-8	ug/L	(1)	< 7.3 U		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	(1)	< 5.1 U		
4-Methylphenol	106-44-5	ug/L	(1)	< 0.52 U#		
4-Nitroaniline	100-01-6	ug/L	(1)	< 5.2 U		
4-Nitrophenol	100-02-7	ug/L	(1)	< 12 U		
Acenaphthene	83-32-9	ug/L	(1)	< 1.7 U		
Acenaphthylene	208-96-8	ug/L	(1)	< 0.5 U		
Aniline	62-53-3	ug/L	(1)	< 4.4 U		
Anthracene	120-12-7	ug/L	(1)	< 0.5 U		
Benz(a)anthracene	56-55-3	ug/L	(1)	< 1.6 U		
Benzo(a)pyrene	50-32-8	ug/L	(1)	< 4.7 U		
Benzo(b)fluoranthene	205-99-2	ug/L	(1)	< 5.4 U		
Benzo(g,h,i)perylene	191-24-2	ug/L	(1)	< 6.1 U		
Benzo(k)fluoranthene	207-08-9	ug/L	(1)	< 0.87 U		
Benzoic Acid	65-85-0	ug/L	(1)	< 13 U		
Benzyl alcohol	100-51-6	ug/L	(1)	< 0.72 U		

			Site Name	98	98	98
			Location ID	H-MWG-3B	H-MWG-3B	H-MWG-3B
			Sample Date	10/30/1996	8/2/1999	8/2/1999
			Depth Interval	48 - 58	48 - 58	48 - 58
			Sample ID	MWG-3B(19961030)	MWG-3B(19990802)	MWG-3BDUP(19990802)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
bis(2-Chloroethoxy)methane	111-91-1	ug/L	(1)	< 1.5 U		
bis(2-Chloroethyl)ether	111-44-4	ug/L	(1)	< 1.9 U		
bis(2-Chloroisopropyl)ether	39638-32-9	ug/L	(1)	< 5.3 U		
bis(2-Ethylhexyl)phthalate	117-81-7	ug/L	(1)	< 4.8 U		
Butylbenzyl phthalate	85-68-7	ug/L	(1)	< 3.4 U		
Carbazole	86-74-8	ug/L	(1)	< 2 U		
Chrysene	218-01-9	ug/L	(1)	< 2.4 U		
Dibenz(a,h)anthracene	53-70-3	ug/L	(1)	< 6.5 U		
Dibenzofuran	132-64-9	ug/L	(1)	< 1.7 U		
Dichlorobenzenes	25321-22-6	ug/L	(1)			
Dicyclopentadiene	77-73-6	ug/L	(1)			
Diethylphthalate	84-66-2	ug/L	(1)	< 2 U		
Dimethylphthalate	131-11-3	ug/L	(1)	< 1.5 U		
di-n-Butylphthalate	84-74-2	ug/L	(1)	< 3.7 U		
di-n-Octylphthalate	117-84-0	ug/L	(1)	< 15 U		
Diphenylamine	122-39-4	ug/L	(1)	< 2.5 U		
Fluoranthene	206-44-0	ug/L	(1)	< 3.3 U		
Fluorene	86-73-7	ug/L	(1)	< 3.7 U		
Hexachlorobenzene	118-74-1	ug/L	(1)	< 1.6 U		
Hexachlorobutadiene	87-68-3	ug/L	(1)	< 3.4 U		
Hexachlorocyclopentadiene	77-47-4	ug/L	(1)	< 8.6 U		
Hexachloroethane	67-72-1	ug/L	(1)	< 1.5 U		
Indeno(1,2,3-c,d)pyrene	193-39-5	ug/L	(1)	< 8.6 U		
Isophorone	78-59-1	ug/L	(1)	< 4.8 U		
Naphthalene	91-20-3	ug/L	(1)	< 0.5 U		
N-Nitrosodimethylamine	62-75-9	ug/L	(1)			
n-Nitroso-di-n-propylamine	621-64-7	ug/L	(1)	< 4.4 U		
n-Nitrosodiphenylamine	86-30-6	ug/L	(1)	< 3 U		
Pentachlorophenol	87-86-5	ug/L	(1)	< 0.042 U		
Phenanthrene	85-01-8	ug/L	(1)	< 0.5 U		
Phenol	108-95-2	ug/L	(1)	< 9.2 U		
Pyrene	129-00-0	ug/L	(1)	< 2.8 U		
VOC						
1,1,1-Trichloroethane	71-55-6	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	(1)	< 5 U	42 D	39 D
1,1,2-Trichloroethane	79-00-5	ug/L	(1)	< 1.2 U	< 10 UD	< 10 UD
1,1-Dichloroethane	75-34-3	ug/L	(1)	< 0.68 U	< 10 UD	< 10 UD
1,1-Dichloroethene	75-35-4	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
1,2,3-Trichlorobenzene	87-61-6	ug/L	(1)			
1,2-Dichloroethane	107-06-2	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
1,2-Dichloroethene (total)	540-59-0	ug/L	(1)	< 0.5 U		
1,2-Dichloropropane	78-87-5	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
1,3-Dichloropropane	142-28-9	ug/L	(1)			
2,3,6-Trichlorophenol	933-75-5	ug/L	(1)			
2-Butanone	78-93-3	ug/L	(1)	< 6.4 U	< 100 R	< 100 R
2-Chloroethyl vinyl ether	110-75-8	ug/L	(1)			

			Site Name	98	98	98
			Location ID	H-MWG-3B	H-MWG-3B	H-MWG-3B
			Sample Date	10/30/1996	8/2/1999	8/2/1999
			Depth Interval	48 - 58	48 - 58	48 - 58
			Sample ID	MWG-3B(19961030)	MWG-3B(19990802)	MWG-3BDUP(19990802)
			Sample Matrix	WG	WG	WG
Chemical Name	CAS No	Unit	ValueNo			
2-Hexanone	591-78-6	ug/L	(1)	< 3.6 U	< 100 UD	< 100 UD
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	(1)	< 3 U	< 100 UD	< 100 UD
Acetone	67-64-1	ug/L	(1)	< 13 U	< 100 R	< 100 R
Acetonitrile	75-05-8	ug/L	(1)	< 200 U	< 200 R	< 200 R
Acrylonitrile	107-13-1	ug/L	(1)			
Benzene	71-43-2	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
Bromodichloromethane	75-27-4	ug/L	(1)	< 0.59 U	< 10 UD	< 10 UD
Bromoform	75-25-2	ug/L	(1)	< 2.6 U	< 10 UD	< 10 UD
Bromomethane	74-83-9	ug/L	(1)	< 5.8 U	< 20 UD	< 20 UD
Carbon disulfide	75-15-0	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
Carbon tetrachloride	56-23-5	ug/L	(1)	< 0.58 U	< 10 UD	< 10 UD
Chlorobenzene	108-90-7	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
Chloroethane	75-00-3	ug/L	(1)	< 1.9 U	< 20 UD	< 20 UD
Chloroform	67-66-3	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
Chloromethane	74-87-3	ug/L	(1)	< 3.2 U	< 20 UD	< 20 UD
cis-1,2-Dichloroethene	156-59-2	ug/L	(1)		< 5 UD	< 5 UD
cis-1,3-Dichloropropene	10061-01-5	ug/L	(1)	< 0.58 U	< 10 UD	< 10 UD
Dibromochloromethane	124-48-1	ug/L	(1)	< 0.67 U	< 10 UD	< 10 UD
Dibromochloropropane	96-12-8	ug/L	(1)			
Dichlorodifluoromethane	75-71-8	ug/L	(1)	< 6.9 U	< 20 UD	< 20 UD
Ethanol	64-17-5	ug/L	(1)	< 2000 U		
Ethyl benzene	100-41-4	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
Isopropanol	67-63-0	ug/L	(1)	< 400 U		
Methylene chloride	75-09-2	ug/L	(1)	< 2.3 U	< 10 (U)D	< 10 (U)D
m-Xylenes	108-38-3	ug/L	(1)			
Styrene	100-42-5	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
tert-Butylalcohol	75-65-0	ug/L	(1)	< 500 U		
Tetrachloroethene	127-18-4	ug/L	(1)	< 1.6 U	< 10 (U)JD	< 10 UJD
Toluene	108-88-3	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
trans-1,2-Dichloroethene	156-60-5	ug/L	(1)		< 5 UD	< 5 UD
trans-1,3-Dichloropropene	10061-02-6	ug/L	(1)	< 0.7 U	< 10 UD	< 10 UD
Trichloroethene	79-01-6	ug/L	(1)	< 0.5 U	< 10 UD	< 10 UD
Trichlorofluoromethane	75-69-4	ug/L	(1)	< 1.4 U	< 20 UD	< 20 UD
Vinyl acetate	108-05-4	ug/L	(1)	< 8.3 U		
Vinyl chloride	75-01-4	ug/L	(1)	< 2.6 U	< 20 UD	< 20 UD
Xylenes	1330-20-7	ug/L	(1)	< 0.84 U	< 10 UD	< 10 UD
WetChem						
Ammonia	7664-41-7	ug/L	(1)	< 60 U		
Chloride	16887-00-6	ug/L	(1)	5490		
Cyanide	57-12-5	ug/L	(1)	< 2.5 U		
Fluoride	16984-48-8	ug/L	(1)	< 1230 U		
Nitrate/Nitrite	Nitrate/Nitrite	ug/L	(1)	< 10 U		
Phosphate	14265-44-2	ug/L	(1)	189		
Sulfate	14808-79-8	ug/L	(1)	11000		
Sulfide	18496-25-8	ug/L	(1)	< 50 U		
Total organic carbon	TOC	ug/L	(1)			

Historic Analytical Results for Sediment Samples at PICA 091/Site 98

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	98 / H-98-SD-001 / 7/10/1996 / 0 - 1 / 98SD-1(0-1) / SE /	98 / H-98-SD-002 / 7/10/1996 / 0 - 1 / 98SD-2(0-1) / SE /
Explosives				
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U
PETN	78-11-5	mg/kg	< 4 U	< 4 U
Picric Acid	88-89-1	mg/kg	< 0.108 U	< 0.108 U
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U
Tetrazene	14097-21-3	mg/kg	< 1.19 U	< 1.19 U
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U
Explosives / SVOC				
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U
Metals				
Aluminum	7429-90-5	mg/kg	7130	12800
Antimony	7440-36-0	mg/kg	< 0.1 U	7.6
Arsenic	7440-38-2	mg/kg	2.37	3.47
Barium	7440-39-3	mg/kg	40.1	65.1
Beryllium	7440-41-7	mg/kg	< 0.5 U	< 0.5 U
Boron	7440-42-8	mg/kg	< 5.91 U	13.1
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U
Calcium	7440-70-2	mg/kg	694	5840
Chromium	7440-47-3	mg/kg	9.19	16.5
Cobalt	7440-48-4	mg/kg	< 1.42 U	5.38
Copper	7440-50-8	mg/kg	14.8	40.4
Iron	7439-89-6	mg/kg	7260	11300
Lead	7439-92-1	mg/kg	57.7	241
Magnesium	7439-95-4	mg/kg	638	1710
Manganese	7439-96-5	mg/kg	29.8	98.9
Mercury	7439-97-6	mg/kg	0.47	0.23
Nickel	7440-02-0	mg/kg	5.46	16.1
Potassium	7440-09-7	mg/kg	< 100 U	302
Selenium	7782-49-2	mg/kg	0.91	2.3
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U
Sodium	7440-23-5	mg/kg	< 100 U	598
Strontium	7440-24-6	mg/kg	11.4 J	66 J
Thallium	7440-28-0	mg/kg	0.18	0.17
Titanium	7440-32-6	mg/kg	165	246
Vanadium	7440-62-2	mg/kg	17.8	21.2
Zinc	7440-66-6	mg/kg	48.3	140
Zirconium	7440-67-7	mg/kg	< 2.5 U	< 2.5 U
Pesticides				
Mirex	2385-85-5	mg/kg	< 0.25 U	< 0.25 U
SVOC				
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U
1,2,4-Trichlorobenzene	120-82-1	mg/kg	< 0.04 U	< 0.04 U
1,2-Dichlorobenzene	95-50-1	mg/kg	< 0.11 U	< 0.11 U
1,3-Dichlorobenzene	541-73-1	mg/kg	< 0.13 U	< 0.13 U
1,4-Dichlorobenzene	106-46-7	mg/kg	< 0.098 U	< 0.098 U
2,4,5-Trichlorophenol	95-95-4	mg/kg	< 0.1 U	< 0.1 U
2,4,6-Trichlorophenol	88-06-2	mg/kg	< 0.17 U	< 0.17 U
2,4-Dichlorophenol	120-83-2	mg/kg	< 0.18 U	< 0.18 U
2,4-Dimethylphenol	105-67-9	mg/kg	< 0.69 U	< 0.69 U

		Site Name	98	98
		Location ID	H-98-SD-001	H-98-SD-002
		Sample Date	7/10/1996	7/10/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	98SD-1(0-1)	98SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
SVOC (continued)				
2,4-Dinitrophenol	51-28-5	mg/kg	< 1.2 U	< 1.2 U
2-Chloronaphthalene	91-58-7	mg/kg	< 0.036 U	< 0.036 U
2-Chlorophenol	95-57-8	mg/kg	< 0.06 U	< 0.06 U
2-Methylnaphthalene	91-57-6	mg/kg	< 0.049 U	< 0.049 U
2-Methylphenol	95-48-7	mg/kg	< 0.029 U	< 0.029 U
2-Nitroaniline	88-74-4	mg/kg	< 0.062 U	< 0.062 U
2-Nitrophenol	88-75-5	mg/kg	< 0.14 U	< 0.14 U
3,3'-Dichlorobenzidine	91-94-1	mg/kg	< 6.3 U	< 6.3 U
3-Nitroaniline	99-09-2	mg/kg	< 0.45 U	< 0.45 U
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg	< 0.55 U	< 0.55 U
4-Bromophenyl phenyl ether	101-55-3	mg/kg	< 0.033 U	< 0.033 U
4-Chloro-3-methylphenol	59-50-7	mg/kg	< 0.095 U	< 0.095 U
4-Chloroaniline	106-47-8	mg/kg	< 0.81 U	< 0.81 U
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	< 0.033 U	< 0.033 U
4-Methylphenol	106-44-5	mg/kg	< 0.24 U#	< 0.24 U#
4-Nitroaniline	100-01-6	mg/kg	< 0.41 U	< 0.41 U
4-Nitrophenol	100-02-7	mg/kg	< 1.4 U	< 1.4 U
Acenaphthene	83-32-9	mg/kg	< 0.036 U	< 0.036 U
Acenaphthylene	208-96-8	mg/kg	< 0.033 U	< 0.033 U
Aniline	62-53-3	mg/kg	< 0.65 U	< 0.65 U
Anthracene	120-12-7	mg/kg	< 0.033 U	< 0.033 U
Benz(a)anthracene	56-55-3	mg/kg	< 0.17 U	< 0.17 U
Benzo(a)pyrene	50-32-8	mg/kg	< 0.25 U	< 0.25 U
Benzo(b)fluoranthene	205-99-2	mg/kg	< 0.21 U	< 0.21 U
Benzo(g,h,i)perylene	191-24-2	mg/kg	< 0.25 U	< 0.25 U
Benzo(k)fluoranthene	207-08-9	mg/kg	< 0.066 U	< 0.066 U
Benzyl alcohol	100-51-6	mg/kg	< 0.19 U	< 0.19 U
bis(2-Chloroethoxy)methane	111-91-1	mg/kg	< 0.059 U	< 0.059 U
bis(2-Chloroethyl)ether	111-44-4	mg/kg	< 0.033 U	< 0.033 U
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg	< 0.2 U	< 0.2 U
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg	< 0.62 U	< 0.62 U
Butylbenzyl phthalate	85-68-7	mg/kg	< 0.17 U	< 0.17 U
Carbazole	86-74-8	mg/kg	< 0.14 U	< 0.14 U
Chrysene	218-01-9	mg/kg	< 0.12 U	< 0.12 U
Dibenz(a,h)anthracene	53-70-3	mg/kg	< 0.21 U	< 0.21 U
Dibenzofuran	132-64-9	mg/kg	< 0.035 U	< 0.035 U
Diethylphthalate	84-66-2	mg/kg	< 0.24 U	< 0.24 U
Dimethylphthalate	131-11-3	mg/kg	< 0.17 U	< 0.17 U
di-n-Butylphthalate	84-74-2	mg/kg	< 0.061 U	< 0.061 U
di-n-Octylphthalate	117-84-0	mg/kg	< 0.19 U	< 0.19 U
Diphenylamine	122-39-4	mg/kg	< 0.13 U	< 0.13 U
Fluoranthene	206-44-0	mg/kg	0.15	< 0.068 U
Fluorene	86-73-7	mg/kg	< 0.033 U	< 0.033 U
Hexachlorobenzene	118-74-1	mg/kg	< 0.033 U	< 0.033 U
Hexachlorobutadiene	87-68-3	mg/kg	< 0.23 U	< 0.23 U
Hexachlorocyclopentadiene	77-47-4	mg/kg	< 6.2 U	< 6.2 U
Hexachloroethane	67-72-1	mg/kg	< 0.15 U	< 0.15 U
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg	< 0.29 U	< 0.29 U
Isophorone	78-59-1	mg/kg	< 0.033 U	< 0.033 U
Naphthalene	91-20-3	mg/kg	< 0.037 U	< 0.037 U
n-Nitroso-di-n-propylamine	621-64-7	mg/kg	< 0.2 U	< 0.2 U
n-Nitrosodiphenylamine	86-30-6	mg/kg	< 0.19 U	< 0.19 U
Pentachlorophenol	87-86-5	mg/kg	< 1.3 U	< 1.3 U
Phenanthrene	85-01-8	mg/kg	0.06	< 0.033 U
Phenol	108-95-2	mg/kg	< 0.11 U	< 0.11 U
Pyrene	129-00-0	mg/kg	0.14	< 0.033 U

		Site Name	98	98
		Location ID	H-98-SD-001	H-98-SD-002
		Sample Date	7/10/1996	7/10/1996
		Depth Interval	0 - 1	0 - 1
		Sample ID	98SD-1(0-1)	98SD-2(0-1)
		Sample Matrix	SE	SE
Chemical Name	**CAS No**	**Unit**		
VOC				
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U
tert-Butylalcohol	75-65-0	mg/kg	< 0.5 U	< 0.5 U
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	< 0.59 U
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U
WetChem				
Ammonia	7664-41-7	mg/kg	177	289
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U
Fluoride	16984-48-8	mg/kg	7.44	9.66
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	5.61
Phosphate	14265-44-2	mg/kg	190	370
Sulfate	14808-79-8	mg/kg	< 90.4 U	< 90.4 U
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U
Total organic carbon	TOC	mg/kg	95000	150000

Chemical Name	CAS No	Site Name / Location ID / Sample Date / Depth Interval / Sample ID / Sample Matrix / Unit	98 / H-98-SS-001A / 12/5/1995 / 0 - 1 / 98SS-1A(0-1) / SO / mg/kg	98 / H-98-SS-001A / 12/5/1995 / 0 - 1 / 98SS-1ADUP(0-1) / SO / mg/kg	98 / H-98-SS-002A / 12/5/1995 / 0 - 1 / 98SS-2A(0-1) / SO / mg/kg	98 / H-98-SS-003C / 12/5/1995 / 0 - 1 / 98SS-3C(0-1) / SO / mg/kg	98 / H-98-SS-004A / 3/25/1996 / 0 - 1 / 98SS-4A(0-1) / SO / mg/kg
Explosives							
1,3,5-Trinitrobenzene	99-35-4	mg/kg	< 0.488 U	< 0.488 U	< 0.488 U	< 0.488 U	
1,3-Dinitrobenzene	99-65-0	mg/kg	< 0.496 U	< 0.496 U	< 0.496 U	< 0.496 U	
2,4,6-Trinitrotoluene	118-96-7	mg/kg	< 0.456 U	< 0.456 U	< 0.456 U	< 0.456 U	
HMX	2691-41-0	mg/kg	< 0.666 U	< 0.666 U	< 0.666 U	< 0.666 U	
Nitrobenzene	98-95-3	mg/kg	< 2.41 U	< 2.41 U	< 2.41 U	< 2.41 U	
Nitrocellulose	9004-70-0	mg/kg	< 10.4 U	< 10.4 U	< 10.4 U	< 10.4 U	
Nitroglycerin	55-63-0	mg/kg	< 4 U	< 4 U	< 4 U	< 4 U	
Nitroguanidine	556-88-7	mg/kg	< 0.475 U	< 0.475 U	< 0.475 U	< 0.475 U	
PETN	78-11-5	mg/kg	< 4 U	< 4 U	< 4 U	16.2	
Picric Acid	88-89-1	mg/kg	< 0.108 R	< 0.108 R	< 0.108 R	< 0.108 R	
RDX	121-82-4	mg/kg	< 0.587 U	< 0.587 U	< 0.587 U	< 0.587 U	
Tetryl	479-45-8	mg/kg	< 0.731 U	< 0.731 U	< 0.731 U	< 0.731 U	
Explosives / SVOC							
2,4-Dinitrotoluene	121-14-2	mg/kg	< 0.424 U	< 0.424 U	< 0.424 U	< 0.424 U	
2,6-Dinitrotoluene	606-20-2	mg/kg	< 0.524 U	< 0.524 U	< 0.524 U	< 0.524 U	
Metals							
Aluminum	7429-90-5	mg/kg	20100	22600	10400	9050	
Antimony	7440-36-0	mg/kg	< 0.1 U	< 0.1 U	< 0.1 U	3.14	
Arsenic	7440-38-2	mg/kg	8.39	8.14	10.04	15.5	
Barium	7440-39-3	mg/kg	40.5	44.2	46.8	78.4	
Beryllium	7440-41-7	mg/kg	3.04	< 0.5 U	3.71	3.56	
Boron	7440-42-8	mg/kg	11.38	< 5.91 U	< 5.91 U	10.98	
Cadmium	7440-43-9	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Calcium	7440-70-2	mg/kg	188	175	1580	2690	
Chromium	7440-47-3	mg/kg	21.2	22.7	18.5	21	
Cobalt	7440-48-4	mg/kg	5.78	5.21	8.16	41.6	
Copper	7440-50-8	mg/kg	15.7	16.2	25	38.5	
Iron	7439-89-6	mg/kg	16300	16300	19700	17000	
Lead	7439-92-1	mg/kg	46.8	52.1	59.5	163	
Magnesium	7439-95-4	mg/kg	1180	1080	2270	1600	
Manganese	7439-96-5	mg/kg	43.1	39.7	265	1160	
Mercury	7439-97-6	mg/kg	0.25	0.23	7.2	3.5	
Nickel	7440-02-0	mg/kg	14.6	13.9	14.3	18.6	
Potassium	7440-09-7	mg/kg	373	346	514	581	
Selenium	7782-49-2	mg/kg	3.2	3.3	< 0.25 U	< 0.25 U	
Silver	7440-22-4	mg/kg	< 0.589 U	< 0.589 U	< 0.589 U	< 0.589 U	
Sodium	7440-23-5	mg/kg	546	368	408	480	
Strontium	7440-24-6	mg/kg	8.08 J	14.5 J	15.2 J	35 J	
Thallium	7440-28-0	mg/kg	0.28	0.39	0.13	0.29	
Titanium	7440-32-6	mg/kg	242	591	237	336	
Vanadium	7440-62-2	mg/kg	36.7	37.8	26.3	27.1	
Zinc	7440-66-6	mg/kg	63.7	68.5	101	129	
Zirconium	7440-67-7	mg/kg	< 2.5 U	12.4	6.42	7.27	
PCBs							
Aroclor 1016	12674-11-2	mg/kg					< 0.0666 U
Aroclor 1221	11104-28-2	mg/kg					< 0.082 UT
Aroclor 1232	11141-16-5	mg/kg					< 0.082 UT
Aroclor 1242	53469-21-9	mg/kg					< 0.082 UT
Aroclor 1248	12672-29-6	mg/kg					< 0.082 UT
Aroclor 1254	11097-69-1	mg/kg					< 0.082 UT
Aroclor 1260	11096-82-5	mg/kg					< 0.0804 U
Pesticides							
Mirex	2385-85-5	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	
SVOC							
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	< 0.24 U	< 0.24 U	< 0.24 U	< 0.24 U	
1,2,4-Trichlorobenzene	120-82-1	mg/kg		< 0.04 U	< 0.04 U	< 0.04 U	
1,2-Dichlorobenzene	95-50-1	mg/kg		< 0.11 U	< 0.11 U	< 0.11 U	
1,3-Dichlorobenzene	541-73-1	mg/kg		< 0.13 U	< 0.13 U	< 0.13 U	
1,4-Dichlorobenzene	106-46-7	mg/kg		< 0.098 U	< 0.098 U	< 0.098 U	
2,4,5-Trichlorophenol	95-95-4	mg/kg		< 0.1 U	< 0.1 U	< 0.1 U	
2,4,6-Trichlorophenol	88-06-2	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	
2,4-Dichlorophenol	120-83-2	mg/kg		< 0.18 U	< 0.18 U	< 0.18 U	
2,4-Dimethylphenol	105-67-9	mg/kg		< 0.69 U	< 0.69 U	< 0.69 U	
2,4-Dinitrophenol	51-28-5	mg/kg		< 1.2 U	< 1.2 U	< 1.2 U	
2-Chloronaphthalene	91-58-7	mg/kg		< 0.036 U	< 0.036 U	< 0.036 U	
2-Chlorophenol	95-57-8	mg/kg		< 0.06 U	< 0.06 U	< 0.06 U	
2-Methylnaphthalene	91-57-6	mg/kg		< 0.049 U	< 0.049 U	< 0.049 U	
2-Methylphenol	95-48-7	mg/kg		< 0.029 U	< 0.029 U	< 0.029 U	
2-Nitroaniline	88-74-4	mg/kg		< 0.062 U	< 0.062 U	< 0.062 U	
2-Nitrophenol	88-75-5	mg/kg		< 0.14 U	< 0.14 U	< 0.14 U	
3,3'-Dichlorobenzidine	91-94-1	mg/kg		< 6.3 U	< 6.3 U	< 6.3 U	

		Site Name	98	98	98	98	98
		Location ID	H-98-SS-001A	H-98-SS-001A	H-98-SS-002A	H-98-SS-003C	H-98-SS-004A
		Sample Date	12/5/1995	12/5/1995	12/5/1995	12/5/1995	3/25/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	98SS-1A(0-1)	98SS-1ADUP(0-1)	98SS-2A(0-1)	98SS-3C(0-1)	98SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
SVOC (continued)							
3-Nitroaniline	99-09-2	mg/kg		< 0.45 U	< 0.45 U	< 0.45 U	
4,6-dinitro-2-Methylphenol	534-52-1	mg/kg		< 0.55 U	< 0.55 U	< 0.55 U	
4-Bromophenyl phenyl ether	101-55-3	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
4-Chloro-3-methylphenol	59-50-7	mg/kg		< 0.095 U	< 0.095 U	< 0.095 U	
4-Chloroaniline	106-47-8	mg/kg		< 0.81 U	< 0.81 U	< 0.81 U	
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
4-Methylphenol	106-44-5	mg/kg		< 0.24 U#	< 0.24 U#	< 0.24 U#	
4-Nitroaniline	100-01-6	mg/kg		< 0.41 U	< 0.41 U	< 0.41 U	
4-Nitrophenol	100-02-7	mg/kg		< 1.4 U	< 1.4 U	< 1.4 U	
Acenaphthene	83-32-9	mg/kg		< 0.036 U	< 0.036 U	< 0.036 U	
Acenaphthylene	208-96-8	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
Aniline	62-53-3	mg/kg		< 0.65 U	< 0.65 U	< 0.65 U	
Anthracene	120-12-7	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
Benz(a)anthracene	56-55-3	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	
Benzo(a)pyrene	50-32-8	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	
Benzo(b)fluoranthene	205-99-2	mg/kg		< 0.21 U	< 0.21 U	< 0.21 U	
Benzo(g,h,i)perylene	191-24-2	mg/kg		< 0.25 U	< 0.25 U	< 0.25 U	
Benzo(k)fluoranthene	207-08-9	mg/kg		< 0.066 U	0.2	0.6	
Benzyl alcohol	100-51-6	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	
bis(2-Chloroethoxy)methane	111-91-1	mg/kg		< 0.059 U	< 0.059 U	< 0.059 U	
bis(2-Chloroethyl)ether	111-44-4	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
bis(2-Chloroisopropyl)ether	39638-32-9	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	
bis(2-Ethylhexyl)phthalate	117-81-7	mg/kg		< 0.62 U	< 0.62 U	< 0.62 U	
Butylbenzyl phthalate	85-68-7	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	
Carbazole	86-74-8	mg/kg		< 0.14 U	< 0.14 U	< 0.14 U	
Chrysene	218-01-9	mg/kg		< 0.12 U	0.4	3	
Dibenz(a,h)anthracene	53-70-3	mg/kg		< 0.21 U	< 0.21 U	< 0.21 U	
Dibenzofuran	132-64-9	mg/kg		< 0.035 U	< 0.035 U	< 0.035 U	
Diethylphthalate	84-66-2	mg/kg		< 0.24 U	< 0.24 U	< 0.24 U	
Dimethylphthalate	131-11-3	mg/kg		< 0.17 U	< 0.17 U	< 0.17 U	
di-n-Butylphthalate	84-74-2	mg/kg		< 0.061 U	< 0.061 U	< 0.061 U	
di-n-Octylphthalate	117-84-0	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	
Diphenylamine	122-39-4	mg/kg		< 0.13 U	< 0.13 U	< 0.13 U	
Fluoranthene	206-44-0	mg/kg		< 0.068 U	0.6	4	
Fluorene	86-73-7	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobenzene	118-74-1	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
Hexachlorobutadiene	87-68-3	mg/kg		< 0.23 U	< 0.23 U	< 0.23 U	
Hexachlorocyclopentadiene	77-47-4	mg/kg		< 6.2 U	< 6.2 U	< 6.2 U	
Hexachloroethane	67-72-1	mg/kg		< 0.15 U	< 0.15 U	< 0.15 U	
Indeno(1,2,3-c,d)pyrene	193-39-5	mg/kg		< 0.29 U	< 0.29 U	< 0.29 U	
Isophorone	78-59-1	mg/kg		< 0.033 U	< 0.033 U	< 0.033 U	
Naphthalene	91-20-3	mg/kg		< 0.037 U	< 0.037 U	< 0.037 U	
n-Nitroso-di-n-propylamine	621-64-7	mg/kg		< 0.2 U	< 0.2 U	< 0.2 U	
n-Nitrosodiphenylamine	86-30-6	mg/kg		< 0.19 U	< 0.19 U	< 0.19 U	
Pentachlorophenol	87-86-5	mg/kg		< 1.3 U	< 1.3 U	< 1.3 U	
Phenanthrene	85-01-8	mg/kg		< 0.033 U	0.2	0.9	
Phenol	108-95-2	mg/kg		< 0.11 U	< 0.11 U	< 0.11 U	
Pyrene	129-00-0	mg/kg		0.06	0.5	3	
VOC							
1,1,1-Trichloroethane	71-55-6	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/kg	< 0.82 U	< 0.82 U	< 0.82 U	< 0.82 U	
1,1,2-Trichloroethane	79-00-5	mg/kg	< 0.54 U	< 0.54 U	< 0.54 U	< 0.54 U	
1,1-Dichloroethane	75-34-3	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
1,1-Dichloroethene	75-35-4	mg/kg	< 0.39 U	< 0.39 U	< 0.39 U	< 0.39 U	
1,2-Dichloroethane	107-06-2	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
1,2-Dichloroethene (total)	540-59-0	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
1,2-Dichloropropane	78-87-5	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
2-Butanone	78-93-3	mg/kg	< 0.07 U	< 0.07 U	< 0.07 U	< 0.07 U	
2-Hexanone	591-78-6	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	
Acetone	67-64-1	mg/kg	< 0.017 U	< 0.017 U	< 0.017 U	< 0.017 U	
Acetonitrile	75-05-8	mg/kg	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	
Benzene	71-43-2	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
Bromodichloromethane	75-27-4	mg/kg	< 0.29 U	< 0.29 U	< 0.29 U	< 0.29 U	
Bromoform	75-25-2	mg/kg	< 0.69 U	< 0.69 U	< 0.69 U	< 0.69 U	
Bromomethane	74-83-9	mg/kg	< 0.57 U	< 0.57 U	< 0.57 U	< 0.57 U	
Carbon disulfide	75-15-0	mg/kg	< 0.44 U	< 0.44 U	< 0.44 U	< 0.44 U	
Carbon tetrachloride	56-23-5	mg/kg	< 0.7 U	< 0.7 U	< 0.7 U	< 0.7 U	
Chlorobenzene	108-90-7	mg/kg	< 0.086 U	< 0.086 U	< 0.086 U	< 0.086 U	
Chloroethane	75-00-3	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Chloroform	67-66-3	mg/kg	< 0.087 U	< 0.087 U	< 0.087 U	< 0.087 U	

		Site Name	98	98	98	98	98
		Location ID	H-98-SS-001A	H-98-SS-001A	H-98-SS-002A	H-98-SS-003C	H-98-SS-004A
		Sample Date	12/5/1995	12/5/1995	12/5/1995	12/5/1995	3/25/1996
		Depth Interval	0 - 1	0 - 1	0 - 1	0 - 1	0 - 1
		Sample ID	98SS-1A(0-1)	98SS-1ADUP(0-1)	98SS-2A(0-1)	98SS-3C(0-1)	98SS-4A(0-1)
		Sample Matrix	SO	SO	SO	SO	SO
Chemical Name	**CAS No**	**Unit**					
VOC (continued)							
Chloromethane	74-87-3	mg/kg	< 0.88 U	< 0.88 U	< 0.88 U	< 0.88 U	
cis-1,3-Dichloropropene	10061-01-5	mg/kg	< 0.32 U	< 0.32 U	< 0.32 U	< 0.32 U	
Dibromochloromethane	124-48-1	mg/kg	< 0.31 U	< 0.31 U	< 0.31 U	< 0.31 U	
Dichlorodifluoromethane	75-71-8	mg/kg	< 0.014 U	< 0.014 U	< 0.014 U	< 0.014 U	
Ethanol	64-17-5	mg/kg	< 3.7 U	< 3.7 U	< 3.7 U	< 3.7 U	
Ethyl benzene	100-41-4	mg/kg	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	
Ethylene Oxide	75-21-8	mg/kg	< 0.3 U	< 0.3 U	< 0.3 U	< 0.3 U	
Isopropanol	67-63-0	mg/kg	< 0.79 U	< 0.79 U	< 0.79 U	< 0.79 U	
Methylene chloride	75-09-2	mg/kg	< 0.012 U	< 0.012 U	< 0.012 U	< 0.012 U	
Styrene	100-42-5	mg/kg	< 0.26 U	< 0.26 U	< 0.26 U	< 0.26 U	
tert-Butylalcohol	75-65-0	mg/kg	< 3 U		< 3 U	< 3 U	
Tetrachloroethene	127-18-4	mg/kg	< 0.081 U	< 0.081 U	< 0.081 U	< 0.081 U	
Toluene	108-88-3	mg/kg	< 0.078 U	< 0.078 U	< 0.078 U	< 0.078 U	
trans-1,3-Dichloropropene	10061-02-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichloroethene	79-01-6	mg/kg	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	
Trichlorofluoromethane	75-69-4	mg/kg	< 0.59 U	0.84	< 0.59 U	0.68	
Vinyl acetate	108-05-4	mg/kg	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	
Vinyl chloride	75-01-4	mg/kg	< 0.62 U	< 0.62 U	< 0.62 U	< 0.62 U	
Xylenes	1330-20-7	mg/kg	< 0.15 U	< 0.15 U	< 0.15 U	< 0.15 U	
WetChem							
Ammonia	7664-41-7	mg/kg	148	135	54.5	254	
Chloride	16887-00-6	mg/kg	< 6.05 U	< 6.05 U	< 6.05 U	< 6.05 U	
Cyanide	57-12-5	mg/kg	< 0.92 U	< 0.92 U	< 0.92 U	< 0.92 U	
Fluoride	16984-48-8	mg/kg	< 3.62 U	< 3.62 U	8.39	10.17	
Nitrate/Nitrite	Nitrate/Nitrite	mg/kg	< 0.6 U	< 0.6 U	6.38	10.38	
Phosphate	14265-44-2	mg/kg	240	290	460	550	
Sulfate	14808-79-8	mg/kg	127	149	< 90.4 U	< 90.4 U	
Sulfide	18496-25-8	mg/kg	< 6 U	< 6 U	< 6 U	16.3	

Appendix B

Picatinny SC Tables

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen
Volatiles											
Acetone	70,000	—	610,000	—	61,000	—	N	—	—	610,000	RSL
Acetonitrile	—	—	3,700	—	870	—	N	—	—	3,700	RSL
Acrolein	0.5	1	0.68	—	0.16	—	N	—	—	1	NJNR
Acrylonitrile	0.9	3	67	1.2		0.24	C	—	—	3.0	NJNR
Benzene	2	5	470	5.6	90	1.1	C	—	—	5	NJNR
Bromodichloromethane	1	3	20,000	46	1,600	10	C	—	—	3	NJNR
Bromoform	81	280	12,000	220	1,200	61	C	—	—	280	NJNR
Bromomethane	25	59	35	—	7.9	—	N	—	—	59	NJNR
2-Butanone	3,100	44,000	190,000	—	47,000	—	N	—	—	44,000	NJNR
tert-Butylalcohol	1,400	11,000	—	—	—	—	-	—	—	11,000	NJNR
Carbon disulfide	7,800	110,000	3,000	—	670	—	N	—	—	110,000	NJNR
Carbon tetrachloride	0.6	2	470	1.3	47	0.25	C	—	—	2	NJNR
Chlorobenzene	510	7,400	1,500	—	310	—	N	—	—	7,400	NJNR
Chloroethane	220	1,100	62,000	—	15,000	—	C	—	—	1,100	NJNR
2-Chloroethyl vinyl ether	—	—	—	—	—	—	-	—	—	—	—
Chloroform	0.6	2	1,100	1.5	220	0.3	C	—	—	2	NJNR
Chloromethane	4	12	510	8.4	120	1.7	C	—	—	12	NJNR
Dibromochloromethane	3	8	12,000	21	1,200	5.8	C	—	—	8	NJNR
Dichlorodifluoromethane	490	230,000	780	—	190	—	N	—	—	230,000	NJNR
1,1-Dichloroethane	8	24	200,000	17	16,000	3.4	N	—	—	24	NJNR
1,2-Dichloroethane	0.9	3	15,000	2.2	1,400	0.45	C	—	—	3	NJNR
1,1-Dichloroethene	11	150	1,100	—	250	—	N	—	—	150	NJNR
1,2-Dichloroethene (total) (f)	230	560	9,200	—	700	—	N	—	—	560	NJNR
cis-1,2-Dichloroethene	230	560	10,000	—	780	—	N	—	—	560	NJNR
trans-1,2-Dichloroethene	300	720	500	—	110	—	N	—	—	720	NJNR
1,2-Dichloropropane	2	5	71	4.7	17	0.93	C	—	—	5	NJNR
cis-1,3-Dichloropropene (g)	2	7	330	8.4	78	1.7	N	—	—	7	NJNR
trans-1,3-Dichloropropene (g)	2	7	330	8.4	78	1.7	N	—	—	7	NJNR
Ethanol	—	—	—	—	—	—	-	—	—	—	—
Ethyl benzene	7,800	110,000	22,000	29	3,600	5.7	C	—	—	110,000	NJNR
Ethylene oxide	—	—	—	0.8	—	0.16	C	—	—	0.8	RSL
2-Hexanone	—	—	—	—	—	—	-	—	—	—	—
Isopropanol	—	—	—	—	—	—	-	—	—	—	—
4-Methyl-2-pentanone (MIBK)	—	—	52,000	—	5,300	—	N	—	—	52,000	RSL
Methylene chloride	34	97	9,400	54	1,700	11	C	—	—	97	NJNR
Styrene	90	260	38,000	—	6,500	—	N	—	—	260	NJNR
1,1,2,2-Tetrachloroethane	1	3	4,100	2.9	310	0.59	C	—	—	3	NJNR
Tetrachloroethene	2	5	2,400	2.7	380	0.57	C	—	—	5	NJNR
Tetrahydrofuran	—	—	—	—	—	—	-	—	—	—	—
Toluene	6,300	91,000	46,000	—	5,000	—	N	—	—	91,000	NJNR
1,1,1 -Trichloroethane	290	4,200	39,000	—	9,000	—	N	—	—	4,200	NJNR
1,1,2-Trichloroethane	2	6	4,100	5.5	310	1.1	C	—	—	6	NJNR
Trichloroethene	7	20	—	14	—	2.8	C	—	—	20	NJNR
Trichlorofluoromethane	23,000	340,000	3,400	—	800	—	N	—	—	340,000	NJNR
1,1,2-Trichloro-1,2,2-trifluoroethane	—	—	180,000	—	43,000	—	N	—	—	180,000	RSL
TVH (C4-C12)	—	—	—	—	—	—	-	—	—	—	—

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen
Vinyl acetate	—	—	4,200	—	990	—	N	—	—	4,200	RSL
Vinyl chloride	0.7	2	400	1.7	74	0.06	C	—	—	2	NJNR
Xylenes	12,000	170,000	2,600	—	600	—	N	—	—	170,000	NJNR
Semivolatiles											
Acenaphthene	3,400	37,000	33,000	—	7,800	—	N	—	—	37,000	NJNR
Acenaphthylene	—	300,000	—	—	—	—	-	—	—	300,000	NJNR
Aniline	—	—	4,300	300	430	85	C	—	—	4,300	RSL
Anthracene	17,000	30,000	170,000	—	17,000	—	N	—	—	30,000	NJNR
Benzo(a)anthracene	0.6	2	—	2.1	—	0.15	C	—	—	2	NJNR
Benzidine	0.7	0.7	1,800	0.0075	180	0.0005	C	—	—	0.7	NJNR
Benzo(a) pyrene	0.2	0.2	—	0.21	—	0.015	C	—	—	0.2	NJNR
Benzo(b) fluoranthene	0.6	2	—	2.1	—	0.15	C	—	—	2	NJNR
Benzo(g,h,i) perylene (h)	380,000	30,000	17,000	—	1,700	—	N	—	—	30,000	NJNR
Benzo (k) fluoranthene	6	23	—	21	—	1.5	C	—	—	23	NJNR
Benzoic acid	—	—	2,500,000	—	240,000	—	N	—	—	2,500,000	RSL
Benzyl alcohol	—	—	310,000	—	31,000	—	N	—	—	310,000	RSL
4-Bromophenyl phenyl ether	—	—	—	—	—	—	-	—	—	—	—
di-n-Butylphthalate	6,100	68,000	—	—	—	—	-	—	—	68,000	NJNR
Butylbenzyl phthalate	1,200	14,000	120,000	910	12,000	260	N	—	—	14,000	NJNR
Carbazole	24	96	—	—	—	—	-	—	—	96	NJNR
4-Chloroaniline	9	66	2,500	32	240	9	C	—	—	66	NJNR
bis(2-Chloroethoxy) methane	—	—	1,800	—	180	—	N	—	—	—	—
bis(2-Chloroethyl) ether	0.4	2	—	0.9	—	0.19	C	—	—	2	NJNR
bis(2-Chloroisopropyl) ether	23	67	—	—	—	—	-	—	—	67	NJNR
4-Chloro-3-methylphenol	—	—	—	—	—	—	-	—	—	—	—
2-Chloronaphthalene	—	—	82,000	—	6,300	—	N	—	—	82,000	RSL
2-Chlorophenol	310	2,200	5,100	—	390	—	N	—	—	2,200	NJNR
4-Chlorophenyl phenyl ether	—	—	—	—	—	—	-	—	—	—	—
Chrysene	62	230	—	210	—	15	C	—	—	230	NJNR
Dibenz(a,h)anthracene	0.2	0.2	—	0.21	—	0.015	C	—	—	0.2	NJNR
Dibenzofuran	—	—	—	—	—	—	-	—	—	—	—
Dichlorobenzenes (i)	5	13	42,000	13	10,000	2.6	C	—	—	13	NJNR
1,2-Dichlorobenzene	5,300	59,000	10,000	—	2,000	—	N	—	—	59,000	NJNR
1,3-Dichlorobenzene (i)	5,300	59,000	42,000	13	—	2.6	-	—	—	59,000	NJNR
1,4-Dichlorobenzene	5	13	42,000	13	10,000	2.6	C	—	—	13	NJNR
3,3'-Dichlorobenzidine	1	4	—	3.8	—	1.1	C	—	—	4	NJNR
2,4-Dichlorophenol	180	2,100	1,800	—	180	—	N	—	—	2,100	NJNR
Diethylphthalate	49,000	550,000	490,000	—	49,000	—	N	—	—	550,000	NJNR
2,4-Dimethylphenol	1,200	14,000	12,000	—	1,200	—	N	—	—	14,000	NJNR
Dimethylphthalate	—	—	—	—	—	—	-	—	—	—	NJNR
2,4-Dinitrophenol	120	1,400	1,200	—	120	—	N	—	—	1,400	NJNR
Diphenylamine	—	—	15,000	—	1,500		N	—	—	15,000	RSL
1,2-Diphenylhydrazine	0.7	2	—	2.2	—	0.61	C	—	—	2	NJNR
bis(2-Ethylhexyl) phthalate	35	140	12,000	120	1,200	35	C	—	—	140	NJNR
Fluoranthene	2,300	24,000	22,000	—	2,300	—	N	—	—	24,000	NJNR
Fluorene	2,300	24,000	22,000	—	2,300	—	N	—	—	24,000	NJNR
Hexachlorobenzene	0.3	1	490	1.1	49	0.3	C	—	—	1	NJNR

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen 1x10^{-6}	Non-carcinogen	Carcinogen 1x10^{-6}	C/N			SC (e)	SC Chosen
Hexachlorobutadiene	6	25	620	22	61	6.2	C	—	—	25	NJNR
Hexachlorocyclopentadiene	45	110	3,700	—	370	—	N	—	—	110	NJNR
Hexachloroethane	35	140	620	120	61	35	C	—	—	140	NJNR
Indeno(1,2,3-c,d)pyrene	0.6	2	—	2.1	0.15	—	N	—	—	2	NJNR
Isophorone	510	2,000	120,000	1,800	12,000	510	C	—	—	2,000	NJNR
2-Methylnaphthalene	230	2,400	4,100	—	310	—	N	—	—	2,400	NJNR
2-Methylphenol	310	3,400	—	—	—	—	-	—	—	3,400	NJNR
4-Methylphenol	31	340	—	—	—	—	-	—	—	340	NJNR
4,6-dinitro-2-Methylphenol	6	68	—	—	—	—	-	—	—	68	NJNR
Naphthalene	6	17	670	20	150	4	C	—	—	17	NJNR
2-Nitroaniline	39	23,000	—	—	—	—	-	—	—	23,000	NJNR
3-Nitroaniline	—	—	180	82	18	23	C	—	—	82	RSL
4-Nitroaniline	—	—	1,800	82	180	23	C	—	—	82	RSL
2-Nitrophenol	—	—	—	—	—	—	-	—	—	—	—
4-Nitrophenol	—	—	—	—	—	—	-	—	—	—	—
n-Nitrosodimethylamine	0.7	0.7	4.9	0.034	—	0.022	C	—	—	0.7	NJNR
n-Nitroso-di-n-propylamine	0.2	0.3	—	0.25	—	0.069	C	—	—	0.3	NJNR
n-Nitrosodiphenylamine	99	390	—	350	—	99	C	—	—	390	NJNR
di-n-Octylphthalate	2,400	27,000	—	—	—	—	-	—	—	27000	NJNR
Pentachlorophenol	3	10	12,000	9	1,400	3	C	—	—	10	NJNR
Phenanthrene (h)	—	300,000	17,000	—	1,700	—	N	—	—	300,000	NJNR
Phenol	18,000	210,000	180,000	—	18,000	—	N	—	—	210,000	NJNR
Pyrene	1,700	18,000	17,000	—	1,700	—	N	—	—	18,000	NJNR
1,2,4-Trichlorobenzene	73	820	400	790	87	180	C	—	—	820	NJNR
2,4,5-Trichlorophenol	6,100	68,000	62,000	—	6,100	—	N	—	—	68,000	NJNR
2,4,6-Trichlorophenol	19	74	620	160	61	44	C	—	—	74	NJNR
Pesticides											
Aldrin	0.040	0.2	18	0.1	1.8	0.029	C	—	—	0.2	NJNR
alpha-BHC	0.1	0.5	—	0.27	—	0.08	C	—	—	0.5	NJNR
beta-BHC	0.4	2	—	0.96	—	0.27	C	—	—	2	NJNR
delta-BHC (j)	0.4	2	—	2.1	21	0.52	C	—	—	2	NJNR
gamma-BHC (Lindane) (k)	0.4	2	240	2.1	21	0.52	C	—	—	2	NJNR
Chlordane	0.2	1	400	6.5	35	1.6	C	—	—	1	NJNR
alpha-Chlordane (l)	0.2	1	400	6.5	2.6	10000	C	—	—	1	NJNR
gamma-Chlordane (l)	0.2	1	400	6.5	2.6	10000	C	—	—	1	NJNR
4,4'-DDD	3	13	—	7.2	—	2	C	—	—	13	NJNR
4,4'-DDE	2	9	—	5.1	—	1.4	C	—	—	9	NJNR
4,4'-DDT	2	8	—	7	36	1.7	C	—	—	8	NJNR
Diazinon	—	—	550	—	55	—	N	—	—	550	RSL
Dieldrin	0.04	0.2	31	0.11	3.1	0.03	C	—	—	0.2	NJNR
Endosulfan I (m)	470	6,800	3,700	—	370	—	N	—	—	6,800	NJNR
Endosulfan II (m)	470	6,800	3,700	—	370	—	N	—	—	6,800	NJNR
Endosulfan sulfate (m)	470	6,800	3,700	—	370	—	N	—	—	6,800	NJNR
Endrin	23	340	180	—	18	—	N	—	—	340	NJNR
Endrin aldehyde (n)	23	340	180	—	18	—	N	—	—	340	NJNR
Endrin ketone (n)	23	340	180	—	18	—	N	—	—	340	NJNR
Heptachlor	0.1	0.7	310	0.38	31	0.11	C	—	—	0.7	NJNR

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen
Heptachlor epoxide	0.07	0.3	8	0.19	0.79	0.053	C	—	—	0.3	NJNR
Isodrin	—	—	—	—	—	—	-	—	—	—	—
Malathion	—	—	12,000	—	1,200	—	N	—	—	12,000	RSL
Methoxychlor	390	5,700	3,100	—	310	—	N	—	—	5,700	NJNR
Mirex	—	—	120	0.096	12	0.027	C	—	—	120	RSL
Toxaphene	0.6	3	—	1.6	—	0.44	C	—	—	3	NJNR
PCBs (o)											
Aroclor 1016	0.2	1	37	21	3.9	6.3	C	—	—	1	NJNR
Aroclor 1221	0.2	1	—	0.62	—	0.17	C	—	—	1	NJNR
Aroclor 1232	0.2	1	—	0.62	—	0.17	C	—	—	1	NJNR
Aroclor 1242	0.2	1	—	0.74	—	0.22	C	—	—	1	NJNR
Aroclor 1248	0.2	1	—	0.74	—	0.22	C	—	—	1	NJNR
Aroclor 1254	0.2	1	11	0.74	1.1	0.22	C	—	—	1	NJNR
Aroclor 1260	0.2	1	—	0.74	—	0.22	C	—	—	1	NJNR
Explosives											
1,3-Dinitrobenzene	—	—	62	—	6.1	—	N	—	—	62	RSL
2,4-Dinitrotoluene (q)	0.94	4.2	1,200	—	120	—	N	—	—	4.2	NJNR
2,6-Dinitrotoluene (q)	0.94	4.2	620	—	61	—	N	—	—	4.2	NJNR
2-amino-4,6-Dinitrotoluene	—	—	2,000	—	150	—	N	—	—	2,000	RSL
4-amino-2,6-Dinitrotoluene	—	—	1,900	—	150	—	N	—	—	1,900	RSL
HMX (q)	3,900	10,000	49,000	—	3,800	—	N	—	—	10,000	NJNR
Nitrobenzene	31	340	280	—	31	—	N	—	—	340	NJNR
Nitrocellulose	—	—	—	—	—	—	-	—	—	—	—
Nitroglycerin	—	—	62	100	6.1	29	C	—	—	62	RSL
Nitroguanidine	—	—	62,000	—	6,100	—	N/-	—	—	62,000	RSL
2-Nitrotoluene (ortho)	—	—	920	13	70	2.9	C	—	—	920	RSL
3-Nitrotoluene (meta)	—	—	12,000	—	1,200	—	N	—	—	12,000	RSL
4-Nitrotoluene (para)	—	—	2,500	110	240	30	C	—	—	110	RSL
2- and 4-Nitrotoluene (s)	—	—	920	13	70	—	—	—	—	13	RSL
PETN	—	—	—	—	—	—	-	—	—	—	—
Picric acid	—	—	—	—	—	—	-	—	—	—	—
RDX (q)	5.8	26	2,800	24	230	5.5	C	—	—	26	NJNR
Tetrazene	—	—	—	—	—	—	-	—	—	—	—
Tetryl (q)	780	10,000	2,500	—	240	—	N	—	—	10,000	NJNR
1,3,5-Trinitrobenzene	—	—	27,000	—	2,200	—	N	—	—	27,000	RSL
2,4,6-Trinitrotoluene (q)	21	95	420	79	36	19	C	—	—	95	NJNR
Herbicide											
2,4'-D	—	—	—	—	—	—	-	—	—	—	—
Dalapon	—	—	18,000	—	1,800	—	N	—	—	18,000	RSL
2,4'-DB	—	—	—	—	—	—	-	—	—	—	—
Dicamba	—	—	18,000	—	1,800	—	N	—	—	18,000	RSL
Dichloroprop	—	—	—	—	—	—	-	—	—	—	—
Dinoseb	—	—	620	—	61	—	N	—	—	620	RSL
2,4,5-T	—	—	—	—	—	—	-	—	—	—	—
2,4,5-TP (Silvex)	—	—	—	—	—	—	-	—	—	—	—
Dioxins/ furans (t)											

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	—	—	—	—	—	—	-	—	—	—	—
Total heptachlorodibenzo-p-dioxins	—	—	—	—	—	—	-	—	—	—	—
1,2,3,4,6,7,8-Heptachlorodibenzofuran	—	—	—	—	—	—	-	—	—	—	—
1,2,3,4,7,8,9-Heptachlorodibenzofuran	—	—	—	—	—	—	-	—	—	—	—
Total heptachlorodibenzofurans	—	—	—	—	—	—	-	—	—	—	—
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	—	—	—	—	—	—	-	—	—	—	—
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	—	—	—	—	—	—	-	—	—	—	—
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	—	—	—	—	—	—	-	—	—	—	—
Total hexachlorodibenzo-p-dioxins	—	—	—	0.00039	—	0.000094	C	—	—	0.00039	RSL
1,2,3,4,7,8-Hexachlorodibenzofuran	—	—	—	—	—	—	-	—	—	—	—
1,2,3,6,7,8-Hexachlorodibenzofuran	—	—	—	—	—	—	-	—	—	—	—
1,2,3,7,8,9-Hexachlorodibenzofuran	—	—	—	—	—	—	-	—	—	—	—
2,3,4,6,7,8-Hexachlorodibenzofuran	—	—	—	—	—	—	-	—	—	—	—
Total hexachlorodibenzofurans	—	—	—	—	—	—	-	—	—	—	—
Octachlorodibenzodioxin	—	—	—	0.061	—	0.015	C	—	—	0.061	RSL
Octachlorodibenzofuran	—	—	—	0.044	—	0.012	C	—	—	0.044	RSL
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	—	—	—	—	—	—	-	—	—	—	—
Total pentachlorodibenzo-p-dioxins	—	—	—	—	—	—	-	—	—	—	—
1,2,3,7,8-Pentachlorodibenzofuran	—	—	—	0.00044	—	0.00012	C	—	—	0.00044	RSL
2,3,4,7,8-Pentachlorodibenzofuran	—	—	—	0.000044	—	0.000012	C	—	—	0.000044	RSL
Total pentachlorodibenzofurans	—	—	—	—	—	—	-	—	—	—	—
2,3,7,8-Tetrachlorodibenzo-p-dioxin	—	—	0.00085	0.000018	0.000072	0.00000450	C	—	—	0.000018	RSL
Total tetrachlorodibenzo-p-dioxins	—	—	—	—	—	—	-	—	—	—	—
2,3,7,8-Tetrachlorodibenzofuran	—	—	—	0.00013	—	0.000037	C	—	—	0.00013	RSL
Total tetrachlorodibenzofurans	—	—	—	—	—	—	-	—	—	—	—
Glycols											
Ethylene glycol	—	—	1,200,000	—	120,000	—	N	—	—	1,200,000	RSL
Hydrazines											
Hydrazine	—	—	1,200,000	0.95	280,000	0.21	C	—	—	0.95	RSL
Monomethyl hydrazine	—	—	—	—	—	—	-	—	—	—	—
Unsymmetrical dimethyl hydrazine	—	—	—	—	—	—	-	—	—	—	—
Inorganics											
Aluminum	78,000	—	990,000	—	77,000	—	N	20,500	20,500	990,000	RSL
Antimony	31	450	410	—	31	—	N	0.960	0.811	450	NJNR
Arsenic	19	19	260	1.6	22	0.39	C	9.23	8.57	19	NJNR
Barium	16,000	59,000	190,000	—	15,000	—	N	157	187	59,000	NJNR
Beryllium	16	140	2,000	6900	160	1400	C	1.30	0.570	140	NJNR
Boron	—	—	200,000	—	16,000	—	N	—	3.89	200,000	RSL
Cadmium (u)	78	78	810	9300	70	1800	N	0.660	0.147	78	NJNR
Calcium (v)	—	—	—	—	—	—	-	8,500	4,030	1,000,000	ADI
Chromium (w)	—	—	3,100	200	230	39	C	32.3	28.9	200	RSL
Cobalt	1,600	590	300	1900	23	370	N	10.4	13.1	590	NJNR
Copper	3,100	45,000	41,000	—	3,100	—	N	35.5	20.3	45,000	NJNR
Cyanide	1,600	23,000	20,000	—	1,600	—	N	—	—	23,000	NJNR
Iron	—	—	720,000	—	55,000	—	N	26,500	44,400	720,000	RSL
Lead (x)	400	800	800	—	400		N	74.6	24.1	800	NJNR

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen
Magnesium (v)	—	—	—	—	—	—	-	2,440	3,390	—	—
Manganese (y)	11,000	5,900	23,000	—	1,800	—	N	1,250	842	5,900	NJNR
Mercury (z)	23	65	28	—	7.8	—	N	0.302	0.273	65	NJNR
Nickel	1,600	23,000	20,000	—	1,600	—	N	19.5	21.4	23,000	NJNR
Potassium (v)	—	—	—	—	—	—	-	742	929	1,000,000	ADI
Selenium	390	5,700	5,100	—	390	—	N	4.08	3.21	5,700	NJNR
Silver	390	5,700	5,100	—	390	—	N	ND	0.559	5,700	NJNR
Sodium (v)	—	—	—	—	—	—	-	393	316	1,000,000	ADI
Strontium	—	—	610,000	—	47,000	—	N	50.0	18.4	610,000	RSL
Thallium	5	79	66	—	5.1	—	N	1.19	1.50	79	NJNR
Titanium	—	—	—	—	—	—	-	954	1,040	—	—
Vanadium (metallic)	78	1,100	7,200	—	550	—	N	45.6	46.0	1,100	NJNR
Zinc	23,000	110,000	310,000	—	23,000	—	N	77.0	56.1	110,000	NJNR
Zirconium	—	—	—	—	—	—	-	11.1	15.5	—	—
TCLP Metals											
Arsenic	—	—	—	—	—	—	-	—	—	—	—
Barium	—	—	—	—	—	—	-	—	—	—	—
Cadmium	—	—	—	—	—	—	-	—	—	—	—
Chromium	—	—	—	—	—	—	-	—	—	—	—
Lead	—	—	—	—	—	—	-	—	—	—	—
Mercury	—	—	—	—	—	—	-	—	—	—	—
Selenium	—	—	—	—	—	—	-	—	—	—	—
Silver	—	—	—	—	—	—	-	—	—	—	—
Anions											
Ammonia	—	—	—	—	—	—	-	3.74	2.00	—	—
Chloride	—	—	—	—	—	—	-	124	70.5	—	—
Fluoride (aa)	—	—	61,000	—	4,700	—	N	4.74	6.12	61,000	RSL
Nitrate	—	—	1,600,000	—	130,000	—	N	13.6	4.22	1,600,000	RSL
Nitrite	—	—	100,000	—	7,800	—	N	0.272	0.131	100,000	RSL
Perchlorate	—	—	720	—	55	—	-	—	—	720	RSL
Phosphate	—	—	—	—	—	—	-	—	—	—	—
Total phosphates	—	—	—	—	—	—	-	—	—	—	—
Phosphorous (v)	—	—	1,000,000	—	1,000,000	—	-	460	230	1,000,000	RSL
Sulfate	—	—	—	—	—	—	-	65.0	65.8	—	—
Sulfide	—	—	—	—	—	—	-	350	65.0	—	—
White phosphorus	—	—	20	—	1.6	—	N	—	—	20	RSL
TOC											
Total organic carbon	—	—	—	—	—	—	-	—	—	—	—
Fuel Related Contaminants											
Diesel fuel	—	—	—	—	—	—	-	—	—	—	—
Gasoline Range Organics	—	—	—	—	—	—	-	—	—	—	—
Total Volatile Petroleum Hydrocarbons	—	—	—	—	—	—	-	—	—	—	—
Total Extractable Hydrocarbons	—	—	—	—	—	—	-	—	—	—	—
Total Extractable Petroleum	—	—	—	—	—	—	-	—	—	—	—
Total Recoverable Petroleum	—	—	—	—	—	—	-	—	—	—	—
TPH	—	—	—	—	—	—	-	—	—	—	—

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen
TPH, aviation gas fraction	—	—	—	—	—	—	-	—	—	—	—
TPH, diesel pattern	—	—	—	—	—	—	-	—	—	—	—
TPH, gas fraction	—	—	—	—	—	—	-	—	—	—	—
TPH, motor oil	—	—	—	—	—	—	-	—	—	—	—
Radiological Parameters (ab)											
Americium-241	—	—	—	—	—	—	-	ND	ND	—	—
Cesium-137	—	—	—	—	—	—	-	0.850	0.270	—	—
Cobalt-60	—	—	—	—	—	—	-	ND	ND	—	—
Gross alpha	—	—	—	—	—	—	-	24.0	25.6	—	—
Gross beta	—	—	—	—	—	—	-	33.7	32.8	—	—
Krypton-85	—	—	—	—	—	—	-	—	—	—	—
Protactinium-234	—	—	—	—	—	—	-	—	—	—	—
Radium-226	3	5	—	—	—	—	-	1.31	1.46	5	NJNR
Radium-228	—	—	—	—	—	—	-	1.82	1.24	—	—
Thorium-234	—	—	—	—	—	—	-	—	—	—	—
Uranium (ac)	—	—	3,100	—	230	—	N	4.67	3.58	3,100	RSL
Uranium-234	62	69	—	—	—	—	-	1.56	1.35	69	NJNR
Uranium-235	29	37	—	—	—	—	-	0.109	0.133	37	NJNR
Uranium-238	54	64	—	—	—	—	-	1.65	1.11	64	NJNR
Uranium 235/238 Ratio	—	—	—	—	—	—	-	—	—	—	—
Asbestos											
Actinolite	—	—	—	—	—	—	-	—	—	—	—
Amosite	—	—	—	—	—	—	-	—	—	—	—
Anthopyllite	—	—	—	—	—	—	-	—	—	—	—
Chrysotile	—	—	—	—	—	—	-	—	—	—	—
Crocidolite	—	—	—	—	—	—	-	—	—	—	—
Tremolite	—	—	—	—	—	—	-	—	—	—	—

ADI = Allowable Daily Intake
ARAR = Applicable or Relevant and Appropriate Requirement
C/N = Carcinogenic or noncarcinogenic according to USEPA (2003).
RSL = USEPA Regional Screening Level
ND = Not detected
NJNR = New Jersey Non-residential
SC = Screening Criterion/Criteria
TBC = To Be Considered
— = No value available
(a) Note that chemicals without guidance values are presented in this table.
(b) NJDEP Soil Remediation Standards (June 2, 2008).
(c) USEPA Reginal Screening levels (RSL)(2008). Industrial exposures are based on 250 days, while residential exposures are based on 350 days. A hazard index of 1 was used for noncarcinogenic RSLs.
(d) Surface and subsurface soil background values are from the PTA Background Study Report and are the lower of the maximum concentration or the mean plus three standard deviations for a given chemical.
(e) The NJDEP Non-residential Soil Remediation Standard is the primary comparison criteria for surface and subsurface soil. In the absence of State Remediation Standard, the USEPA Regional Screening Levels (RSLs) will be used unless Site background levels are higher than the RSLs. Residential values are presented for informational purposes only.
(f) NJDEP values are for 1,2-Dichloroethene (mixed polymer).
(g) NJDEP values are for cis- and trans-1,3-dichloropropene. The RSL value for 1,3-Dichloropropene was used.
(h) The RSL values for pyrene were used for noncarcinogenic polycyclic aromatic hydrocarbons (PAHs) lacking criteria.

Table B-1
Screening Criteria for Picatinny Arsenal Surface and Subsurface Soil (a)
(mg/kg)

Chemical	Soil Remediation Standards (b)		USEPA Regional Screening Level (c)					Surface Soil Background Value (d)	Subsurface Soil Background Value (d)	Screening Criteria	
			Industrial		Residential					Surface and Subsurface Soil	
										Site Characterization/ Prioritization	
	Residential	Non-residential	Non-carcinogen	Carcinogen $1x10^{-6}$	Non-carcinogen	Carcinogen $1x10^{-6}$	C/N			SC (e)	SC Chosen

(i) Values based on 1,4-dichlorobenzene.
(j) The NJDEP values for gamma-BHC were used.
(k) The RSL value for gamma-BHC was used.
(l) The NJNR values for chlordane were used.
(m) The impact to groundwater and RSL values for endosulfan were used.
(n) The values for endrin were used.
(o) NJDEP values for PCBs were used.
(p) New Jersey Impact to Groundwater value for 2,4-/2,6-mixture of dinitrotoluene was used.
(q) NJDEP Residential and Non-residential Remediation Standard values were developed for PTA by NJDEP.
(r) This note removed/no longer applicable.
(s) Values are based on 2-Nitrotoluene.
(t) USEPA RSL values for PCDD/PCDF congeners were derived using toxicity criterion for 2,3,7,8-TCDD modified by toxic equivalency factors (TEFs) (USEPA 2000).
(u) The food RSL value for cadmium was used.
(v) The value presented in the RSL column is an allowable daily intake (ADI) level for essential human nutrients.
(w) The RSL value for chromium VI was used.
(x) For Lead and Lead compounds
(y) The non-food RSL value for manganese was used.
(z) The RSL value for methyl mercury was used.
(aa) The RSL value for fluorine was used.
(ab) The values for radiological parameters are in units of pCi/g.
(ac) Uranium units are mg/kg. The RSL for the most conservative soluble salts was used.

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
Volatiles												
Acetone	—	—	0.0087	—	610,000	—	—	—	0.0087	SQB	0.0087	SQB
Acetonitrile	—	—	—	—	3,700	—	—	—	3,700	RSL	3,700	RSL
Acrolein	—	—	—	—	0.68	—	1	—	0.68	RSL	0.68	RSL
Acrylonitrile	—	—	—	—	67	1.2	3	—	1.2	RSL	1.2	RSL
Benzene	—	0.28	0.16	0.34	470	5.6	5	—	0.16	SQB	0.16	SQB
Bromodichloromethane	—	—	—	—	20,000	46	3	—	3	NJNR	3	NJNR
Bromoform	—	—	—	—	12,000	220	280	—	220	RSL	220	RSL
Bromomethane	—	—	—	—	35	—	59	—	35	RSL	35	RSL
2-Butanone	—	—	0.27	—	190,000	—	44,000	—	0.27	SQB	0.27	SQB
tert-Butylalcohol	—	—	—	—	—	—	11,000	—	11,000	NJNR	11,000	NJNR
Carbon disulfide	—	—	0.00085	—	3,000	—	110,000	—	0.00085	SQB	0.00085	SQB
Carbon tetrachloride	—	—	0.047	—	470	1.3	2	—	0.047	SQB	0.047	SQB
Chlorobenzene	—	0.035	0.41	—	1,500	—	7,400	—	0.035	NYSDEC	0.035	NYSDEC
Chloroethane	—	—	—	—	62,000	—	1,100	—	1,100	NJNR	1,100	NJNR
2-Chloroethyl vinyl ether	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform	—	—	0.022	—	1,100	1.5	2	—	0.022	SQB	0.022	SQB
Chloromethane	—	—	—	—	510	8.4	12	—	8.4	RSL	8.4	RSL
Dibromochloromethane	—	—	—	—	12,000	21	8	—	8	NJNR	8	NJNR
Dichlorodifluoromethane	—	—	—	—	780	—	230,000	—	780	RSL	780	RSL
1,1-Dichloroethane	—	—	0.027	—	200,000	17	24	—	0.027	SQB	0.027	SQB
1,2-DichIoroethane	—	—	0.25	—	15,000	2.2	3	—	0.25	SQB	0.25	SQB
1,1-Dichloroethene	—	—	0.031	—	1,100	—	150	—	0.031	SQB	0.031	SQB
1,2-Dichloroethene (total) (h)	—	—	0.4	—	9,200	—	560	—	0.4	SQB	0.4	SQB
cis-1,2-Dichloroethene (i)	—	—	0.4	—	10,000	—	560	—	0.4	SQB	0.4	SQB
trans-1,2-Dichloroethene (i)	—	—	0.4	—	500	—	720	—	0.4	SQB	0.4	SQB
1,2-Dichloropropane	—	—	—	—	71	4.7	5	—	4.7	RSL	4.7	RSL
cis-1,3-Dichloropropene (i)	—	—	0.000051	—	330	8.4	7	—	0.000051	SQB	0.000051	SQB
trans-1,3-Dichloropropene (j)	—	—	0.000051	—	330	8.4	7	—	0.000051	SQB	0.000051	SQB
Ethanol	—	—	—	—	—	—	—	—	—	—	—	—
Ethyl benzene	—	0.24	0.089	1.4	22,000	29	110,000	—	0.089	SQB	0.089	SQB
Ethylene oxide	—	—	—	—	—	0.8	—	—	0.8	RSL	0.8	RSL
2-Hexanone	—	—	0.022	—	—	—	—	—	0.022	SQB	0.022	SQB
Isopropanol	—	—	—	—	—	—	—	—	—	—	—	—

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
4-Methyl-2-pentanone (MIBK)	—	—	0.033	—	52,000	—	—	—	0.033	SQB	0.033	SQB
Methylene chloride	—	—	0.37	—	9,400	54	97	—	0.37	SQB	0.37	SQB
Styrene	—	—	—	—	38,000	—	260	—	260	NJNR	260	NJNR
1,1,2,2-Tetrachloroethane	—	—	1.4	—	4,100	2.9	3	—	1.4	SQB	1.4	SQB
Tetrachloroethene	—	—	0.41	0.45	2,400	2.7	5	—	0.41	SQB	0.41	SQB
Tetrahydrofuran	—	—	—	—	—	—	—	—	—	—	—	—
Toluene	—	0.49	0.05	2.5	46,000	—	91,000	—	0.05	SQB	0.05	SQB
1,1,1 -Trichloroethane	—	—	0.03	—	39,000	—	4,200	—	0.03	SQB	0.03	SQB
1,1,2-Trichloroethane	—	—	1.2	—	4,100	5.5	6	—	1.2	SQB	1.2	SQB
Trichloroethene	—	—	0.22	1.6	—	14	20	—	0.22	SQB	0.22	SQB
Trichlorofluoromethane	—	—	—	—	3,400	—	340,000	—	3,400	RSL	3,400	RSL
1,1,2-Trichloro-1,2,2-trifluoroethane	—	—	—	—	180,000	—	—	—	180,000	IRBC	180,000	IRBC
1,2,4-Trimethylbenzene	—	1.86	—	—	—	—	—	—	1.86	NYSDEC	1.86	NYSDEC
1,3,5-Trimethylbenzene	—	—	—	—	—	—	—	—	—	—	—	—
Vinyl acetate	—	—	0.00084	—	4,200	—	—	—	0.00084	SQB	0.00084	SQB
Vinyl chloride	—	—	—	—	400	1.7	2	—	1.7	RSL	1.7	RSL
Xylenes	—	0.92	0.16	0.12	2,600	—	170,000	—	0.16	SQB	0.16	SQB
Semivolatiles												
Acenaphthene	0.00671	1.4	1.3	0.016	33,000	—	37,000	—	0.00671	ISQG	0.00671	ISQG
Acenaphthylene (k)	0.00587	—	—	0.044	17,000	—	300,000	—	0.00587	ISQG	0.00587	ISQG
Aniline	—	—	—	—	4,300	300	—	—	300	RSL	300	RSL
Anthracene (l)	0.0469	1.07	0.03162	0.085	170,000	—	30,000	—	0.03162	SQB	0.03162	SQB
Benz(a)anthracene	0.0317	0.12	0.11	0.261	—	2.1	2	—	0.0317	ISQG	0.0317	ISQG
Benzidine	—	—	0.0017	—	1,800	0.0075	0.7	—	0.0017	SQB	0.0017	SQB
Benzo(a)pyrene	0.0319	—	0.14	0.430	—	0.21	0.2	—	0.0319	ISQG	0.0319	ISQG
Benzo(b)fluoranthene (m)	—	—	0.0272	—	—	2.1	2	—	0.0272	SQB	0.0272	SQB
Benzo(g,h,i)perylene (k,l)	—	—	0.29	0.170	17,000	—	30,000	—	0.29	SQB	0.29	SQB
Benzo(k)fluoranthene (m)	—	—	0.0272	0.240	—	21	23	—	0.0272	SQB	0.0272	SQB
Benzoic acid	—	—	—	—	2,500,000	—	—	—	2,500,000	RSL	2,500,000	RSL
Benzyl alcohol	—	—	0.0011	—	310,000	—	—	—	0.0011	SQB	0.0011	SQB
4-Bromophenyl phenyl ether	—	—	1.2	—	—	—	—	—	1.2	SQB	1.2	SQB
di-n-Butytphthalate	—	—	11	—	62,000	—	68,000	—	11	SQB	11	SQB
Butylbenzyl phthalate	—	—	11	—	120,000	910	14,000	—	11	SQB	11	SQB
Carbazole	—	—	—	—	—	—	96	—	96	NJNR	96	NJNR
4-Chloroaniline	—	—	—	—	2,500	32	66	—	32	RSL	32	RSL

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen $1x10^{-6}$	Nonresidential		SC(f)	SC Chosen		
bis(2-Chloroethoxy)methane	—	—	—	—	1,800	—	—	—	1,800	RSL	1,800	RSL
bis(2-Chloroethyl)ether	—	—	—	—	—	0.9	2	—	0.9	RSL	0.9	RSL
bis(2-Chloroisopropyl)ether	—	—	—	—	41,000	17	67	—	17	RSL	17	RSL
4-Chloro-3-methylphenol	—	—	—	—	—	—	—	—	—	—	—	—
2-Chloronaphthalene	—	—	—	—	82,000	—	—	—	82,000	RSL	82,000	RSL
2-Chlorophenol	—	—	—	—	5,100	—	2,200	—	2,200	NJNR	2,200	NJNR
4-Chlorophenyl phenyl ether	—	—	—	—	—	—	—	—	—	—	—	—
Chrysene (l)	0.0571	—	0.5	0.384	—	210	230	—	0.0571	ISQG	0.0571	ISQG
Dibenz(a,h)anthracene	0.00622	—	—	0.063	—	0.21	0.2	—	0.00622	ISQG	0.00622	ISQG
Dibenzofuran	—	—	0.42	—	—	—	—	—	0.42	SQB	0.42	SQB
Dichlorobenzenes (n)	—	0.12	—	—	42,000	13	13	—	0.12	NYSDEC	0.12	NYSDEC
1,2-Dichlorobenzene (o)	—	0.12	0.33	—	10,000	—	59,000	—	0.12	NYSDEC	0.12	NYSDEC
1,3-Dichlorobenzene (o)	—	0.12	1.7	—	42,000	13	59,000	—	0.12	NYSDEC	0.12	NYSDEC
1,4-Dichlorobenzene	—	0.12	0.34	—	42,000	13	13	—	0.12	NYSDEC	0.12	NYSDEC
3,3'-Dichlorobenzidine	—	—	—	—	—	3.8	4	—	3.8	RSL	3.8	RSL
2,4-Dichlorophenol	—	—	—	—	1,800	—	2,100	—	1,800	RSL	1,800	RSL
Diethylphthalate	—	—	0.6	—	490,000	—	550,000	—	0.6	SQB	0.6	SQB
2,4-Dimethylphenol	—	—	—	—	12,000	—	14,000	—	12,000	RSL	12,000	RSL
Dimethylphthalate	—	—	—	—	—	—	—	—	—	—	—	—
2,4-Dinitrophenol	—	—	—	—	1,200	—	1,400	—	1,200	RSL	1,200	RSL
Diphenylamine	—	—	—	—	15,000	—	—	—	15,000	RSL	15,000	RSL
1,2-Diphenylhydrazine	—	—	—	—	—	2.2	2	—	2	NJNR	2	NJNR
bis(2-Ethylhexyl)phthalate	—	2	890	—	12,000	120	140	—	2	NYSDEC	2	NYSDEC
Fluoranthene (l)	0.111	10.2	0.06423	0.600	22,000	—	24,000	—	0.06423	SQB	0.06423	SQB
Fluorene (l)	0.0212	0.08	0.03464	0.019	22,000	—	24,000	—	0.0212	ISQG	0.0212	ISQG
Hexachlorobenzene	—	55.7	—	0.020	490	1.1	1	—	55.7	NYSDEC	55.7	NYSDEC
Hexachlorobutadiene	—	0.055	—	—	620	22	25	—	0.055	NYSDEC	0.055	NYSDEC
Hexachlorocyclopentadiene	—	0.044	—	—	3,700	—	110	—	0.044	NYSDEC	0.044	NYSDEC
Hexachloroethane	—	—	1	—	620	120	140	—	1	SQB	1	SQB
Indeno(1,2,3-c,d)pyrene (l)	—	—	0.078	0.200	—	2.1	2	—	0.078	SQB	0.078	SQB
Isophorone	—	—	—	—	120,000	1,800	2,000	—	1,800	RSL	1,800	RSL
2-Methylnaphthalene	0.0202	0.34	—	0.070	4,100	—	2,400	—	0.0202	ISQG	0.0202	ISQG
2-Methylphenol	—	—	0.012	—	31,000	—	3,400	—	0.012	SQB	0.012	SQB
4-Methylphenol	—	—	—	—	31,000	—	340	—	340	NJNR	340	NJNR
4,6-dinitro-2-Methylphenol	—	—	—	—	62	—	68	—	62	RSL	62	RSL

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
Naphthalene (l)	0.0346	0.30	0.03275	0.16	670	20	17	—	0.03275	SQB	0.03275	SQB
2-Nitroaniline	—	—	—	—	—	—	23,000	—	23,000	NJNR	23,000	NJNR
3-Nitroaniline	—	—	—	—	180	82	—	—	82	RSL	82	RSL
4-Nitroaniline	—	—	—.	—	1,800	82	—	—	82	RSL	82	RSL
2-Nitrophenol	—	—	—	—	—	—	—	—	—	—	—	—
4-Niirophenol	—	—	—	—	—	—	—	—	—	—	—	—
n-Nitrosodimethylamine	—	—	—	—	4.9	0.034	0.7	—	0.034	RSL	0.034	RSL
n-Nitroso-di-n-propylamine	—	—	—	—	—	0.25	0.3	—	0.25	RSL	0.25	RSL
n-Nilrosodiphenylamine	—	—	—	—	—	350	390	—	350	RSL	350	RSL
di-n-Octylphthalate	—	—	—	—	—	—	27,000	—	27,000	NJNR	27,000	NJNR
Pentachlorophenol	—	0.4	—	—	12,000	9	10	—	0.4	NYSDEC	0.4	NYSDEC
Phenanthrene (k)	0.0419	1.2	1.8	0.240	17,000	—	300,000	—	0.0419	ISQG	0.0419	ISQG
Phenol (p)	—	0.005	0.031	—	180,000	—	210,000	—	0.005	NYSDEC	0.005	NYSDEC
Pyrene	0.0530	9.61	0.57	0.665	17,000	—	18,000	—	0.0530	ISQG	0.0530	ISQG
1,2,4-Trichlorobenzene (q)	—	0.91	9.6	—	400	790	820	—	0.91	NYSDEC	0.91	NYSDEC
2,4,5-Trichlorophenol	—	—	—	—	62,000	—	68,000	—	62,000	RSL	62,000	RSL
2,4,6-Trichlorophenol	—	—	—	—	620	160	74	—	74	NJNR	74	NJNR
Pesticides												
Aldrin	—	—	—	0.002	18	0.1	0.2	—	0.002	ER-L	0.002	ER-L
alpha-BHC (r)	0.00094	—	0.12	0.006	—	0.27	0.5	—	0.00094	ISQG	0.00094	ISQG
beta-BHC (r)	0.00094	—	0.12	0.005	—	0.96	2	—	0.00094	ISQG	0.00094	ISQG
delta-BHC (r,s)	0.00094	—	0.12	0.003	—	2.1	2	—	0.00094	ISQG	0.00094	ISQG
gamma-BHC (Lindane)	0.00094	—	0.0037	0.003	240	2.1	2	—	0.00094	ISQG	0.00094	ISQG
Chlordane	0.0045	0.0003	2.8	0.007	400	6.5	1	—	0.0003	NYSDEC	0.0003	NYSDEC
alpha-Chlordane (t)	0.0045	0.0003	2.8	0.007	400	6.5	1	—	0.0003	NYSDEC	0.0003	NYSDEC
gamma-Chlordane (t)	0.0045	0.0003	2.8	0.007	400	6.5	1	—	0.0003	NYSDEC	0.0003	NYSDEC
4,4'-DDD	0.00354	—	0.11	—	—	7.2	13	—	0.00354	ISQG	0.00354	ISQG
4,4'-DDE	0.00142	—	—	0.0022	—	5.1	9	—	0.00142	ISQG	0.00142	ISQG
4,4'-DDT (u)	0.00119	0.01	0.34	0.0016	430	7	8	—	0.00119	ISQG	0.00119	ISQG
Diazinon	—	0.00007	0.0019	—	550	—	—	—	0.00007	NYSDEC	0.00007	NYSDEC
Dieldrin	0.00285	0.09	0.11	0.002	31	0.11	0.2	—	0.00285	ISQG	0.00285	ISQG
Endosulfan I (v)	—	0.0003	0.0055	—	3,700	—	6,800	—	0.0003	NYSDEC	0.0003	NYSDEC
Endosulfan II (v)	—	0.0003	0.0055	—	3,700	—	6,800	—	0.0003	NYSDEC	0.0003	NYSDEC
Endosulfan sulfate (v)	—	0.0003	0.0055	—	3,700	—	6,800	—	0.0003	NYSDEC	0.0003	NYSDEC
Endrin	0.00267	0.04	0.042	0.003	180	—	340	—	0.00267	ISQG	0.00267	ISQG

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
Endrin aldehyde (w)	0.00267	0.04	0.042	0.003	180	—	340	—	0.00267	ISQG	0.00267	ISQG
Endrin ketone (w)	0.00267	0.04	0.042	0.003	180	—	340	—	0.00267	ISQG	0.00267	ISQG
Heptachlor (x)	0.00060	0.001	0.068	0.005	310	0.38	0.7	—	0.00060	ISQG	0.00060	ISQG
Heptachlor epoxide (y)	0.00060	0.001	0.068	0.005	8	0.19	0.3	—	0.0006	ISQG	0.00060	ISQG
Isodrin	—	—	—	—	—	—	—	—	—	—	—	—
Malathion	—	0.0002	—	—	12,000	—	—	—	0.0002	NYSDEC	0.0002	NYSDEC
Methoxychlor	—	0.006	0.019	—	3,100	—	5,700	—	0.006	NYSDEC	0.006	NYSDEC
Mirex	—	0.007	—	0.007	120	0.096	—	—	0.007	NYSDEC	0.007	NYSDEC
Toxaphene	0.0001	0.0001	—	—	—	1.6	3	—	0.0001	ISQG, NYSDEC	0.0001	ISQG, NYSDEC
PCBs												
Aroclor 1016 (z,aa)	0.0341	0.193	0.03162	0.007	37	21	1	—	0.03162	SQB	0.03162	SQB
Aroclor1221 (z,aa,ab)	0.0341	0.193	0.12	0.070	—	0.62	1	—	0.0341	ISQG	0.0341	ISQG
Aroclor 1232 (z,aa,ab)	0.0341	0.193	0.6	0.070	—	0.62	1	—	0.0341	ISQG	0.0341	ISQG
Aroclor 1242 (z,aa,ab)	0.0341	0.193	0.17	0.070	—	0.74	1	—	0.0341	ISQG	0.0341	ISQG
Aroclor 1248 (z,aa)	0.0341	0.193	1	0.030	—	0.74	1	—	0.0341	ISQG	0.0341	ISQG
Arocior 1254 (aa)	0.060	0.193	0.81	0.060	11	0.74	1	—	0.060	ISQG	0.060	ISQG
Aroclor 1260 (z,aa)	0.0341	0.193	4,500	0.005	—	0.74	1	—	0.0341	ISQG	0.0341	ISQG
Explosives												
1,3-Dinitrobenzene	—	—	—	—	62	—	—	—	62	IRBC	62	IRBC
2,4-Dinitrotoluene (ac)	—	—	—	—	1,200	—	4.2	—	4.2 (ac)	NJNR	4.2	NJNR
2,6-Dinitrotoluene (ac)	—	—	—	—	620	—	4.2	—	4.2 (ac)	NJNR	4.2	NJNR
2-amino-4,6-Dinitrotoluene (ad)	—	—	—	—	2,000	—	—	—	2,000	RSL	2,000	RSL
4-amino-2,6-Dinitrotoluene (ad)	—	—	—	—	1,900	—	—	—	1,900	RSL	1,900	RSL
HMX (ac)	—	—	—	—	49,000	—	10,000	—	10,000 (ac)	NJNR	10,000	NJNR
Nitrobenzene	—	—	—	—	280	—	340	—	280	RSL	280	RSL
Nitrocellulose	—	—	—	—	—	—	—	—	—	—	—	—
Nitroglycerin	—	—	—	—	62	100	—	—	62	RSL	62	RSL
Nitroguanidine	—	—	—	—	62,000	—	—	—	62,000	RSL	62,000	RSL
2-Nitrotoluene	—	—	—	—	920	13	—	—	13	RSL	13	RSL
3-Nitrotoluene	—	—	—	—	12,000	—	—	—	12,000	RSL	12,000	RSL
4-Nitrotoluene	—	—	—	—	2,500	110	—	—	110	RSL	110	RSL
PETN	—	—	—	—	—	—	—	—	—	—	—	—
Picric acid	—	—	—	—	—	—	—	—	—	—	—	—
RDX (ac)	—	—	—	—	2,800	24	26	—	26 (ac)	NJNR	26 (ac)	NJNR
Tetrazene	—	—	—	—	—	—	—	—	—	—	—	—

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
Tetryl (ac)	—	—	—	—	2,500	—	10,000	—	10,000 (ac)	NJNR	10,000 (ac)	NJNR
1,3,5-Trinitrobenzene	—	—	—	—	27,000	—	—	—	27,000	RSL	27,000	RSL
2,4,6-Trinitrotoluene (ac)	—	—	—	—	420	79	95	—	95 (ac)	NJNR	95 (ac)	NJNR
Herbicides												
2,4'-D	—	—	—	—	—	—	—	—	—	—	—	—
Dalapon	—	—.	—	—	18,000	—	—	—	18,000	RSL	18,000	RSL
2,4'-DB	—	—	—	—	—	—	—	—	—	—	—	—
Dicamba	—	—	—	—	18,000	—	—	—	18,000	RSL	18,000	RSL
Dichloroprop	—	—	—	—	—	—	—	—	—	—	—	—
Dinoseb	—	—	—	—	620	—	—	—	620	RSL	620	RSL
2,4,5-T	—	—	—	—	—	—	—	—	—	—	—	—
2,4,5-TP (Silvex)	—	—	—	—	—	—	—	—	—	—	—	—
Dioxins/ furans (ae)												
1,2,3,4,6,7,8-Heptachlorodibenzo-p-diox	0.00085	—	—	—	—	__	—	—	0.00085	ISQG	0.00085	ISQG
Total heptachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	—	—	—	—
1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.000085	—	—	—	—	__	—	—	0.000085	ISQG	0.000085	ISQG
1 ,2,3,4,7,8,9-Heptachlorodibenzofuran	0.000085	—	—	—	—	—	—	—	0.000085	ISQG	0.000085	ISQG
Total heptachiorodibenzofurans	__	__	__	__	—	—	—	—	—	—	—	—
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.00000017	—	—	—	—	—	—	—	0.0000017	ISQG	0.0000017	ISQG
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.0000085	—	—	—	—	—	—	—	0.000085	ISQG	0.000085	ISQG
1,2,3,7,8,9-Hexachtorodibenzo-p-dioxin	0.0000085	—	—	—	—	—	—	—	0.000085	ISQG	0.000085	ISQG
Total hexachlorodibenzo-p-dioxins	—	—	—	—	—	0.00039	—	—	0.00039	RSL	0.00039	RSL
1,2,3,4,7,8-Hexachlorodibenzofuran	0.0000085	—	—	—	—	—	—	—	0.000085	ISQG	0.0000085	ISQG
1,2,3,6,7,8-HexachIorodibenzofuran	0.0000085	—	—	—	—	—	__	__	0.000085	ISQG	0.0000085	ISQG
1,2,3,7,8,9-Hexachlorodibenzofuran	0.0000085	—	—	—	—	—	__	__	0.000085	ISQG	0.0000085	ISQG
2,3,4,6,7,8-Hexachlorodibenzofuran	0.0000085	—	—	—	—	—	—	__	0.000085	ISQG	0.0000085	ISQG
Total hexachlorodibenzofurans	—	—	—	—	—	—	—	—	—	—	—	—
Octachlorodibenzodioxin	0.0085	—	—	—	—	0.061	—	—	0.0085	ISQG	0.0085	ISQG
Octachlorodibenzofuran	0.0085	—	—	—	—	0.044	—	—	0.0085	ISQG	0.0085	ISQG
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.00000085	—	—	—	—	—	—	—	0.00000085	ISQG	0.00000085	ISQG
Total pentachiorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	—,	—	—	—
1,2,3,7,8-Pentachlorodlbenzofuran	0.000017	—	—	—	—	0.00044	—	—	0.000017	ISQG	0.000017	ISQG
2,3,4,7,8-Pentachlorodibenzofuran	0.0000017	—	—	—	—	0.000044	—	—	0.0000017	ISQG	0.0000017	ISQG
Total pentachlorodibenzofurans	—	—	—	—	—	—	—	—	—	—	—	—
2,3,7,8-Tetrachiorodibenzo-p-dioxin	0.00000085	—	—	—	0.00085	0.000018	—	—	0.00000085	ISQG	0.00000085	ISQG

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
Total tetrachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	—	—	—	—
2,3,7,8-Tetrachlorodibenzofuran	0.000017	—	—	—	—	0.00013	—	—	0.000017	ISQG	0.000017	ISQG
Total tetrachlorodibenzofurans	—	—	—	—	—	—	—	—	—	—	—	—
Glycols												
Ethylene glycol	—	—	—	—	1,200,000	—	—	—	1,200,000	RSL	1,200,000	RSL
Hydrazines												
Hydrazine	—	—	—	—	1,200,000	0.95	—	—	0.95	RSL	0.95	RSL
Monomethyl hydrazine	—	—	—	—	—	—	—	—	—	—	—	—
Unsymmetrical dimethyl hydrazine	—	—	—	—	—	—	—	—	—	—	—	—
Inorganics												
Aluminum	—	—	—	—	990,000	—	—	12,800	990,000	RSL	990,000	RSL
Antimony	—	—	—	—	410	—	450	0.354	410	RSL	410	RSL
Arsenic	5.9	—	12.1	8.2	260	1.6	19	16.0	5.9	ISQG	16.0	BG Value
Barium	—	—	—	—	190,000	—	59,000	161	59,000	NJNR	59,000	NJNR
Beryllium	—	—	—	—	2,000	6,900	140	1.55	140	NJNR	140	NJNR
Boron	—	—	—	—	200,000	—	—	ND	200,000	RSL	200,000	RSL
Cadmium (af)	0.6	—	0.592	1.2	810	9,300	78	1.70	0.592	SQB	1.70	BG Value
Calcium (ag)	—	—	—	—	—	—	—	5,990	1,000,000	ADI	1,000,000	ADI
Chromium (ah)	37.3	—	56	81	3,100	200	—	23.8	37.3	ISQG	37.3	ISQG
Cobalt	—	—	—	—	300	1900	590	10.2	300	RSL	300	RSL
Copper	35.7	—	28	34	41,000	—	45,000	27.2	28	SQB	28	SQB
Cyanide	—	—	—	—	20,000	—	23,000	—	20,000	RSL	20,000	RSL
Iron	—	—	—	—	720,000	—	—	67,600	720,000	RSL	720,000	RSL
Lead (ai)	35	—	34.2	47	800	—	800	38.8	34.2	SQB	38.8	BG Value
Magnesium (ag)	—	—	—	—	—	—	—	4,260	1,000,000	ADI	1,000,000	ADI
Manganese (aj)	—	—	1,673	—	23,000	—	5,900	832	1,673	SQB	1,673	SQB
Mercury (ak)	0.17	—	—	0.15	28	—	65	0.249	0.17	ISQG	0.249	BG Value
Nickel	—	—	39.6	21	20,000	—	23,000	17.2	39.6	SQB	39.6	SQB
Potassium (ag)	—	—	—	—	—	—	—	821	1,000,000	ADI	1,000,000	ADI
Selenium	—	—	—	—	5,100	—	5,700	0.955	5,100	RSL	5,100	RSL
Silver	—	—	—	1.0	5,100	—	5,700	0.801	1.0	ER-L	1.0	ER-L
Sodium (ag)	—	—	—	—	—	—	—	638	1,000,000	ADI	1,000,000	ADI
Strontium	—	—	—	—	610,000	—	—	16.0	16	NJNR	16	NJNR
Thallium	—	—	—	—	66	—	79	0.844	66	RSL	66	RSL
Titanium	—	—	—	—	—	—	—	573	—	—	—	—

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		
Vanadium	—	—	—	—	7,200	—	1,100	72.4	1,100	RSL	1,100	RSL
Zinc	123	—	159	150	310,000	—	110,000	171	123	ISQG	171	BG Value
Zirconium	—	—	—	—	—	—	—	10.3	—	—	—	—
Anions												
Ammonia	—	—	—	—	—	—	—	26.6	—	—	—	—
Chloride	—	—	—	—	—	—	—	151	—	—	—	—
Fluoride (al)	—	—	—	—	61,000	—	—	8.55	61,000	RSL	61,000	RSL
Nitrate	—	—	—	—	1,600,000	—	—	0.509	1,600,000	RSL	1,600,000	RSL
Nitrite (am)	—	—	—	—	100,000	—	—	0.824	100,000	RSL	100,000	RSL
Phosphate	—	—	—	—	—	—	—	—	—	—-	—-	—-
Total phosphates	—	—	—	—	—	—	—	1,200	—	—-	—-	—-
Sulfate	—	—	—	—	—	—	—	467	—	—-	—-	—-
Sulfide	—	—	—	—	—	—	—	430	—	—-	—-	—-
White phosphorus	—	—	—	—	20	—	—	—	20	RSL	20	RSL
TOC												
Total organic carbon (an)	—	—	—	—	—	—	—	54,000	—	—	—	—
Fuel Related Contaminants												
Diesel fuel	—	—	—	—	—	—	—	—	—	—	—	—
Total Volatile Petroleum Hydrocarbons	—	—	—	—	—	—	—	—	—	—	—	—
Total Extractable Petroleum	—	—	—	—	—	—	—	—	—	—	—	—
Total Recoverable Petroleum	—	—	—	—	—	—	—	—	—	—	—	—
TPH	—	—	—	—	—	—	—	—	—	—	—	—
TPH, aviation gas fraction	—	—	—	—	—	—	—	—	—	—	—	—
TPH, diesel pattern	—	—	—	—	—	—	—	—	—	—	—	—
TPH, gas fraction	—	—	—	—	—	—	—	—	—	—	—	—
TPH, motor oil	—	—	—	—	—	—	—	—	—	—	—	—
Radiological Parameters (ao)												
Americium-241	—	—	—	—	—	—	—	ND	—	—	—	—
Cesium-137	—	—	—	—	—	—	—	0.560	—	—	—	—
Cobalt-60	—	—	—	—	—	—	—	ND	—	—	—	—
Gross alpha	—	—	—	—	—	—	—	20.0	—	—	—	—
Gross beta	—	—	—	—	—	—	—	30.7	—	—	—	—
Krypton-85	—	—	—	—	—	—	—	—	—	—	—	—
Protactinium-234	—	—	—	—	—	—	—	—	—	—	—	—
Radium-226	—	—	—	—	—	—	5	1.13	5	NJNR	5	NJNR

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen $1x10^{-6}$	Nonresidential		SC(f)	SC Chosen		
Radium-228	—	—	—	—	—	—	—	1.33	—	—	—	—
Thorium-234	—	—	—	—	—	—	—	—	—	—	—	—
Uranium (ap)	—	—	—	—	3,100	—	—	1.51	3,100	RSL	3,100	RSL
Uranium-234	—	—	—	—	—	—	69	1.25	69	RSL	69	RSL
Uranium-235	—	—	—	—	—	—	37	0.0760	37	RSL	37	RSL
Uranium-238	—	—	—	—	—	—	64	0.890	64	RSL	64	RSL
Uranium 235/238 Ratio	—	—	—	—	—	—	—	0.00700	—	—	—	—
Asbestos												
Actinolite	—	—	—	—	—	—	—	—	—	—	—	—
Amosite	—	—	—	—	—	—	—	—	—	—	—	—
Anthopyllite	—	—	—	—	—	—	—	—	—	—	—	—
Chrysotile	—	—	—	—	—	—	—	—	—	—	—	—
Crocidolite	—	—	—	—	—	—	—	—	—	—	—	—
Tremolite	—	—	—	—	—	—	—	—	—	—	—	—

ADI = Allowable Daily Intake
ARAR = Applicable or Relevant and Appropriate Requirement
ER-L = Effect Range-Low
ISQG = Interim Sediment Quality Guideline
ND = Not detected.
NYSDEC = New York State Department of Environmental Conservation Sediment Criteria
RSL = USEPA Regional Screening Level
SC = Screening Criterion/Criteria
SQB = Sediment Quality Benchmark
TBC = To Be Considered
— = No value available.
(a) Note that chemicals without guidance values are presented in this table.
(b) USEPA (2008) Industrial exposures are based on 250 days/year. A hazard index of 1 was used for noncarcinogenic RSLs.
(c) USEPA (2008) Residential exposures are based on 350 days/year. Residential values are presented for informational purposes only. A hazard index of 1 was used for noncarcinogenic RBCs.
(d) NJDEP Soil Remediation Standards (2008).
(e) Sediment background values are from the PTA Background Study Report and are the lower of the maximum concentration or the mean plus three standard deviations for a given chemical.
(f) The selection order for the sediment SC is as follows: 1) the lower of the ISQGs, NY Sediment Criteria, and SQBs (the lower of the SQB and threshold effect concentration [TEC] was selected from the ORNL, 1997 publication); 2) in their absence ER-Ls from NJDEP, 1998 (Tables 2 and 3) were used; 3) in the absence of ER-Ls, the lower of RSL (industrial soil) and New Jersey Non-residential (NJNR) soil remediation standards were used.
(g) The final SC value is the higher of the SC and sediment background value. If no SC was available, no final SC is presented.
(h) The NJNR value for cis-1,2-dichloroethene was used.
(i) SQB value for 1,2-Dichloroethene (total) was used.
(j) The values for 1,3-Dichloropropene were used.
(k) The RSL and NJNR values for pyrene were used for noncarcinogenic polycyclic aromatic hydrocarbons (PAHs) lacking criteria.
(l) TEC value was used from ORNL.
(m) SQB value for benzo(b,k)fluoranthene was used.
(n) The RSL and NJNR values for 1,4-dichlorobenzene were used.

Table B-2
Screening Criteria for Picatinny Arsenal Sediment (a)
(mg/kg)

Chemical	ISQGs	New York Sediment Criteria	SQBs	ER-Ls	USEPA Regional Screening Levels, industrial soil (b)		NJDEP Soil Remediation Standards (d)	Sediment Background Value (e)	Screening Criteria			
									Site Characterization/ Prioritization		Final SC (Higher of SC and Background Value [g])	Final SC Chosen
	CCME 2002	NYSDEC 1999	ORNL 1997	NJDEP 1998	Non-carcinogen	Carcinogen 1x10^{-6}	Nonresidential		SC(f)	SC Chosen		

(o) NYSDEC value for dichlorobenzenes was used.
(p) NYSDEC value for total unchlorinated phenols.
(q) NYSDEC value for trichlorobenzene was used.
(r) The ISQG value for gamma-BHC was used. The SQB for BHC (other) was used.
(s) The ER-L, RSL, and NJNR values for gamma-BHC were used.
(t) The values for chlordane were used.
(u) The ER-L for DDT (total) was used.
(v) The values for endosulfan were used.
(w) The values for endrin were used.
(x) The ISQG and ER-L values for heptachlor epoxide were used.
(y) The SQB for heptachlor was used.
(z) The ISQG for total PCBs was used.
(aa) The NYSDEC and NJNR values for total PCBs were used.
(ab) The NJDEP value for total PCBs was used.
(ac) NJNR values were developed for PTA by NJDEP.
(ad) The RSL value for aminodinitrotoluenes was used.
(ae) USEPA RSL values for PCDD/PCDF congeners were derived using toxicity criterion for 2,3,7,8-TCDD modified by toxic equivalency factors (TEFs) for humans (USEPA, 2000). ISQG values were modified using TEFs for fish (Van den Berg et al., 1998).
(af) The food RSL value for cadmium was used.
(ag) The value presented in the RSL column is an allowable daily intake (ADI) level for essential human nutrients.
(ah) The RSLvalue for chromium VI was used.
(ai) Lead does not have an RSL, however the 400 mg/kg residential soil screening level for children (USEPA 1994) is presented in the RSL column.
(aj) The non-food RSL value for manganese was used.
(ak) The RSL value for methyl mercury was used.
(al) The RSL value for fluorine was used.
(am) The background value for nitrate/nitrite was used.
(an) The background value is the maximum detected concentration.
(ao) The values for radiological parameters are in units of pCi/g.
(ap) Uranium units are mg/kg. The RSL for the most conservative soluble salts was used.

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
										Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Human Health Risk for Water & Organisms	Human Health Risk for Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
Volatiles													
Acetone	—	—	—	—	—	22,000	—	N	—	22,000	TWRSL	—	—
Acetonitrile	—	—	—	—	—	130	—	N	—	130	TWRSL	—	—
Acrolein	—	—	190	290	6.1 [h]	0.042	—	N	—	6.1	SWQC	—	—
Acrylonitrile	—	—	0.051	0.25	0.051 [hc]	3.7	0.045	C	—	0.051	Water & Organisms, SWQC	—	—
Benzene	—	—	2.2	51	0.15 [hc]	44	0.41	C	—	0.15	SWQC	—	—
Bromodichloromethane	—	—	0.55	17	0.55 [hc]	730	1.10	C	—	0.55	Water Organisms, SWQC	—	—
Bromoform	—	—	4.3	140	4.3 [hc]	730	8.50	C	—	4.3	Water & Organisms, SWQC	—	—
Bromomethane	—	—	47	1,500	47 [h]	8.70	—	N	—	47	Water & Organisms, SWQC	—	—
2-Butanone	—	—	—	—	—	7,100	—	N	—	7,100	TWRSL	—	—
tert-Butylalcohol	—	—	—	—	—	—	—	-	—	—	—	—	—
Carbon disulfide	—	—	—	—	—	1,000	—	N	—	1,000	TWRSL	—	—
Carbon tetrachloride	—	—	0.23	1.6	0.33 [hc]	24	0.2	C	—	0.33	Water & Organisms, SWQC	—	—
Chlorobenzene	—	—	130	1,600	210 [h]	91	—	N	—	210	Water & Organisms, SWQC	—	—
Chloroethane	—	—	—	—	—	21,000	—	N	—	21,000	TWRSL	—	—
2-Chloroethyl vinyl ether	—	—	—	—	—	—	—	-	—	—	—	—	—
Chloroform	—	—	5.7	470	68 [h]	130	0.19	C	—	68	Water & Organisms, SWQC	—	—
Chloromethane	—	—	—	—	—	190	1.8	C	—	1.8	TWRSL	—	—
Dibromochloromethane	—	—	0.40	13	0.40 [hc]	730	0.8	C	—	0.40	Water & Organisms, SWQC	—	—
Dichlorodifluoromethane	—	—	—	—	—	390	—	N	—	390	TWRSL	—	—
1,1-Dichloroethane (h)	—	—	—	—	0.29 [hc]	7,300	2.4	C	—	0.29	SWQC	—	—
1,2-Dichloroethane	—	—	0.38	37	0.29 [hc]	640	0.15	C	—	0.29	SWQC	—	—
1,1-Dichloroethene	—	—	330	7,100	4.7 [h]	340	—	N	—	4.7	SWQC	—	—
1,2-Dichloroethene (total) (i)	—	—	140	10,000	590 [h]	330	—	N	—	590	Water & Organisms, SWQC	—	—
cis-1,2-Dichloroethene (i)	—	—	140	10,000	590 [h]	370	—	N	—	590	Water & Organisms, SWQC	—	—
trans-1,2-Dichloroethene	—	—	140	10,000	590 [h]	110	—	N	—	590	Water & Organisms, SWQC	—	—
1,2-Dichloropropane	—	—	0.50	15	0.5 [hc]	8.3	0.39	C	—	0.50	Water & Organisms, SWQC	—	—
cis-1,3-Dichloropropene (j)	—	—	0.34	21	0.34 [hc]	40	0.43	N	—	0.34	Water & Organisms, SWQC	—	—
trans-1,3-Dichloropropene (j)	—	—	0.34	21	0.34 [hc]	40	0.43	N	—	0.34	Water & Organisms, SWQC	—	—
Ethanol	—	—	—	—	—	—	—	-	—	—	—	—	—
Ethyl benzene	—	—	530	2,100	530 [h]	1,300	1.5	C	—	530	Water & Organisms, SWQC	—	—
Ethylene oxide	—	—	—	—	—	—	0.044	C	—	0.044	TWRSL	—	—
2-Hexanone	—	—	—	—	—	—	—	-	—	—	—	—	—
Isopropanol	—	—	—	—	—	—	—	-	—	—	—	—	—
4-Methyl-2-pentanone (MIBK)	—	—	—	—	—	2,000	—	N	—	2,000	TWRSL	—	—
Methylene chloride	—	—	4.6	590	2.5 [hc]	1,100	4.8	C	—	2.5	SWQC	—	—
Styrene	—	—	—	—	—	1,600	—	N	—	1,600	TWRSL	—	—
1,1,2,2-Tetrachloroethane	—	—	0.17	4.0	4.7 [h]	150	0.067	C	—	4.7	Water & Organisms, SWQC	—	—
Tetrachloroethene	—	—	0.69	3.3	0.34 [hc]	220	0.11	C	—	0.34	SWQC	—	—
Toluene	—	—	1,300	15,000	1,300 [h]	2,300	—	N	—	1,300	Water & Organisms, SWQC	—	—
1,1,1-Trichloroethane	—	—	—	—	120 [h]	9,100	—	N	—	120	SWQC	—	—
1,1,2-Trichloroethane	—	—	0.59	16	13 [h]	150	0.24	C	—	13	Water & Organisms, SWQC	—	—

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
										Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Human Health Risk for Water & Organisms	Human Health Risk for Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
Trichloroethene	—	—	2.5	30	1.0 [hc]	—	1.7	C	—	1.0	SWQC	—	—
Trichlorofluoromethane	—	—	—	—	—	1,300	—	N	—	1,300	TWRSL	—	—
1,1,2-Trichloro-1,2,2-trifluoroethane	—	—	—	—	—	59,000	—	N	—	59,000	TWRSL	—	—
Vinyl acetate	—	—	—	—	—	410	—	N	—	410	TWRSL	—	—
Vinyl chloride	—	—	0.025	2.4	0.082 [hc]	72	0.016	C	—	0.082	Water & Organisms, SWQC	—	—
Xylenes	—	—	—	—	—	200	—	N	—	200	TWRSL	—	—
Semivolatiles													
Acenaphthene	—	—	670	990	670 [h]	2,200		N	—	670	Water & Organisms, SWQC	—	—
Acenaphthylene (k)	—	—	830	4,000	830 [h]	1,100	—	N	—	830	Water & Organisms, SWQC	—	—
Aniline	—	—	—	—	—	260	12	C	—	12	TWRSL	—	—
Anthracene	—	—	8,300	40,000	8300 [h]	11,000	—	N	—	8,300	Water & Organisms, SWQC	—	—
Benz(a)anthracene	—	—	0.0038	0.018	0.038 [hc]	—	0.029	C	—	0.0038	Water & Organisms, SWQC	—	—
Benzidine	—	—	0.000086	0.00020	0.000086 [hc]	110	0.000094	C	—	0.000086	Water & Organisms, SWQC	—	—
Benzo(a)pyrene	—	—	0.0038	0.018	0.0038 [hc]	—	0.0029	C	—	0.0038	Water & Organisms, SWQC	—	—
Benzo(b)fluoranthene	—	—	0.0038	0.018	0.038 [hc]	—	0.029	C	—	0.038	Water & Organisms	—	—
Benzo(g,h,i)perylene (k)	—	—	830	4,000	830 [h]	1,100	—	N	—	830	Water & Organisms, SWQC	—	—
Benzo(k)fluoranthene	—	—	0.0038	0.018	0.38 [hc]	—	0.29	C	—	0.38	Water & Organisms	—	—
Benzoic Acid	—	—	—	—	—	150,000	—	N	—	150,000	TWRSL	—	—
Benzyl alcohol	—	—	—	—	—	18,000	—	N	—	18,000	TWRSL	—	—
4-Bromophenyl phenyl ether	—	—	—	—	—	—	—	-	—	—	—	—	—
di-n-Butylphthalate	—	—	2,000	4,500	2,000 [h]	3,700	—	N	—	2,000	Water & Organisms, SWQC	—	—
Butylbenzyl phthalate	—	—	1,500	1,900	150 [h]	7,300	35	C	—	150	SWQC	—	—
Carbazole	—	—	—	—	—	—	—	-	—	—	—	—	—
4-Chloroaniline	—	—	—	—	—	150	1.2	C	—	150	TWRSL	—	—
bis(2-Chloroethoxy)methane	—	—	—	—	—	110	—	N	—	110	TWRSL	—	—
bis(2-Chloroethyl)ether	—	—	0.03	0.53	0.03 [hc]	—	0.012	C	—	0.030	Water & Organisms, SWQC	—	—
bis(2-Chloroisopropyl)ether	—	—	1,400	65,000	1400 [h]	1,500	0.32	C	—	1,400	Water & Organisms, SWQC	—	—
4-Chloro-3-methylphenol	—	—	—	—	—	—	—	-	—	—	—	—	—
2-Chloronaphthalene	—	—	1,000	1,600	1000 [h]	2,900	—	N	—	1,000	Water & Organisms, SWQC	—	—
2-Chlorophenol	—	—	81	150	81 [h]	180	—	N	—	81	Water & Organisms, SWQC	—	—
4-Chlorophenyl phenyl ether	—	—	—	—	—	—	—	-	—	—	—	—	—
Chrysene	—	—	0.0038	0.018	3.8 [hc]	—	2.9	C	—	3.8	Water & Organisms	—	—
Dibenz(a,h)anthracene	—	—	0.0038	0.018	0.0038 [hc]	—	0.0029	C	—	0.0038	Water & Organisms, SWQC	—	—
Dibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
Dichlorobenzenes (l)	—	—	63	190	550 [h]	1,700	0.43	C	—	550	Water & Organisms, SWQC	—	—
1,2-Dichlorobenzene	—	—	420	1,300	2000 [h]	370	—	N	—	2,000	Water & Organisms, SWQC	—	—
1,3-Dichlorobenzene (l)	—	—	320	960	2200 [h]	1,700	0.43	C	—	2200	Water & Organisms, SWQC	—	—
1,4-Dichlorobenzene	—	—	63	190	550 [h]	1,700	0.43	C	—	550	Water & Organisms, SWQC	—	—
3,3'-Dichlorobenzidine	—	—	0.021	0.028	0.021 [hc]	—	0.15	C	—	0.021	Water & Organisms, SWQC	—	—
2,4-Dichlorophenol	—	—	77	290	77 [h]	110	—	N	—	77	Water & Organisms, SWQC	—	—
Diethylphthalate	—	—	17,000	44,000	17,000 [h]	29,000	—	N	—	17,000	Water & Organisms, SWQC	—	—
2,4-Dimethylphenol	—	—	380	850	380 [h]	730	—	N	—	380	Water & Organisms, SWQC	—	—
Dimethylphthalate	—	—	270,000	1,100,000	—	—	—	N	—	270,000	Water & Organisms	—	—

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
										Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Human Health Risk for Water & Organisms	Human Health Risk for Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
2,4-Dinitrophenol	—	—	69	5,300	69 [h]	73	—	N	—	69	Water & Organisms, SWQC	—	—
Diphenylamine	—	—	—	—	—	910	—	N	—	910	TWRSL	—	—
1,2-Diphenylhydrazine	—	—	0.036	0.2	0.036 [hc]	—	0.084	C	—	0.036	Water & Organisms, SWQC	—	—
bis(2-Ethylhexyl)phthalate	—	—	1.2	2.2	1.2 [hc]	730	4.8	C	—	1.2	Water & Organisms, SWQC	—	—
Fluoranthene	—	—	130	140	130 [h]	1,500	—	N	—	130	Water & Organisms, SWQC	—	—
Fluorene	—	—	1,100	5,300	1,100 [h]	1,500	—	N	—	1,100	Water & Organisms, SWQC	—	—
Hexachlorobenzene	—	—	0.00028	0.00029	0.00028 [hc]	29	0.042	C	—	0.00028	Water & Organisms, SWQC	—	—
Hexachlorobutadiene	—	—	0.44	18	0.44 [hc]	37	0.86	C	—	0.44	Water & Organisms, SWQC	—	—
Hexachlorocyclopentadiene	—	—	40	1,100	40 [h]	220	—	N	—	40	Water & Organisms, SWQC	—	—
Hexachloroethane	—	—	1.4	3.3	1.4 [hc]	37	4.8	C	—	1.4	Water & Organisms, SWQC	—	—
Indeno(1,2,3-c,d)pyrene	—	—	0.0038	0.018	0.038 [hc]	—	0.029	C	—	0.038	Water & Organisms	—	—
Isophorone	—	—	35	960	35 [hc]	7,300	71	C	—	35	Water & Organisms, SWQC	—	—
2-Methylnaphthalene	—	—	—	—	—	150	—	N	—	150	TWRSL	—	—
2-Methylphenol	—	—	—	—	—	—	—	-	—	—	—	—	—
4-Methylphenol	—	—	—	—	—	—	—	-	—	—	—	—	—
4,6-dinitro-2-Methylphenol	—	—	13	280	13 [h]	3.7	—	N	—	13	Water & Organisms, SWQC	—	—
Naphthalene	—	—	—	—	—	6.2	0.14	N	—	6.2	TWRSL	—	—
2-Nitroaniline	—	—	—	—	—	—	—	-	—	—	—	—	—
3-Nitroaniline	—	—	—	—	—	11	3.2	C	—	3.2	TWRSL	—	—
4-Nitroaniline	—	—	—	—	—	110	3.2	C	—	3.2	TWRSL	—	—
2-Nitrophenol	—	—	—	—	—	—	—	-	—	—	—	—	—
4-Nitrophenol	—	—	—	—	—	—	—	-	—	—	—	—	—
n-Nitrosodimethylamine	—	—	0.00069	3.0	0.00069 [hc]	0.29	0.00042	C	—	0.00069	Water & Organisms, SWQC	—	—
n-Nitroso-di-n-propylamine	—	—	0.005	0.51	0.005 [hc]	—	0.0096	C	—	0.0050	Water & Organisms, SWQC	—	—
n-Nitrosodiphenylamine	—	—	3.3	6.0	3.3 [hc]	—	14	C	—	3.3	Water & Organisms, SWQC	—	—
di-n-Octylphthalate	—	—	—	—	—	—	—	-	—	—	—	—	—
Pentachlorophenol (m)	19	15	0.27	3.0	0.27 [hc]	1,100	0.56	C	—	0.27	Water & Organisms, SWQC	—	—
Phenanthrene (k)	—	—	830	4,000	830 [h]	1,100	—	N	—	830	Water & Organisms, SWQC	—	—
Phenol	—	—	21,000	1,700,000	10000 [h]	11,000	—	N	—	10,000	SWQC	—	—
Pyrene	—	—	830	4,000	830 [h]	1,100	—	N	—	830	Water & Organisms, SWQC	—	—
1,2,4-Trichlorobenzene	—	—	35	70	21 [h]	8.2	19	C	—	21	SWQC	—	—
2,4,5-Trichlorophenol	—	—	1,800	3,600	1800 [h]	3,700	—	N	—	1,800	Water & Organisms, SWQC	—	—
2,4,6-Trichlorophenol	—	—	1.4	2.4	0.58 [hc]	37	6.1	C	—	0.58	SWQC	—	—
Pesticides													
alpha-BHC	—	—	0.0026	0.0049	0.0026 [hc]	—	0.011	C	—	0.0026	Water & Organisms, SWQC	—	—
beta-BHC	—	—	0.0091	0.017	0.0091 [hc]	—	0.037	C	—	0.0091	Water & Organisms, SWQC	—	—
delta-BHC (n)	0.95	—	0.98	1.8	0.95 [a]	11	0.061	C	—	0.95	Acute	—	—
gamma-BHC (Lindane)	0.95	—	0.98	1.8	0.95 [a]	11	0.061	C	—	0.95	Acute	—	—
Chlordane	2.4	0.0043	0.0008	0.00081	0.0001 [hc]	18	0.19	C	—	0.0001	SWQC	—	—
alpha-Chlordane (o)	2.4	0.0043	0.0008	0.00081	0.0001 [hc]	18	0.19	C	—	0.0001	SWQC	—	—
gamma-Chlordane (o)	2.4	0.0043	0.0008	0.00081	0.0001 [hc]	18	0.19	C	—	0.0001	SWQC	—	—
4,4'-DDD	—	—	0.00031	0.00031	0.00031 [hc]	—	0.28	C	—	0.00031	Water & Organisms, Organisms	—	—
4,4'-DDE	—	—	0.00022	0.00022	0.00022 [hc]	—	0.20	C	—	0.00022	Water & Organisms, Organisms	—	—
4,4'-DDT	1.1	0.001	0.00022	0.00022	0.00022 [hc]	—	0.20	C	—	0.00022	Water & Organisms, Organisms	—	—

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(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
			Human Health Risk for							Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Water & Organisms	Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
Diazinon	0.17	0.17	—	—	—	33	—	N	—	0.17	Acute, Chronic	—	—
Dieldrin	0.24	0.056	0.000052	0.000054	0.000052 [hc]	1.8	0.0042	C	—	0.000052	Water & Organisms, SWQC	—	—
Endosulfan I (p) (q) (r)	0.22	0.056	62	89	0.056 [c]	220	—	N	—	0.056	Chronic	—	—
Endosulfan II (p) (q) (r)	0.22	0.056	62	89	0.056 [c]	220	—	N	—	0.056	Chronic	—	—
Endosulfan sulfate (p)	—	—	62	89	62 [h]	220	—	N	—	62	Water & Organisms, SWQC	—	—
Endrin	0.086	0.036	0.059	0.06	0.036 [c]	11	—	N	—	0.036	Chronic, SWQC	—	—
Endrin aldehyde (s)	—	—	0.29	0.30	0.059 [h]	11	—	N	—	0.059	SWQC	—	—
Endrin ketone (s)	0.086	0.036	0.059	0.06	0.036 [c]	11	—	N	—	0.036	Chronic, SWQC	—	—
Heptachlor	0.52	0.0038	0.000079	0.000079	0.000079 [hc]	18	0.015	C	—	0.000079	Water & Organisms, Organisms	—	—
Heptachlor epoxide (t)	0.52	0.0038	0.000039	0.000039	0.000039 [hc]	0.47	0.0074	C	—	0.000039	Water & Organisms, Organisms	—	—
Isodrin	—	—	—	—	—	—	—	-	—	—	—	—	—
Malathion	—	0.1	—	—	0.1 [c]	730	—	N	—	0.1	Chronic, SWQC	—	—
Methoxychlor	—	0.03	100	—	0.03 [c]	180	—	N	—	0.03	Chronic, SWQC	—	—
Mirex	—	0.001	—	—	0.001 [c]	7.3	0.0037	C	—	0.001	Chronic, SWQC	—	—
Toxaphene	0.73	0.0002	0.00028	0.00028	0.0002 [c]		0.061	C	—	0.0002	Chronic, SWQC	—	—
PCBs (u)													
Aroclor 1016	—	0.014	0.000064	0.000064	0.000064 [hc]	2.6	0.96	C	—	0.000064	Water & Organisms, Organisms	—	—
Aroclor 1221	—	0.014	0.000064	0.000064	0.000064 [hc]	—	0.0068	C	—	0.000064	Water & Organisms, Organisms	—	—
Aroclor 1232	—	0.014	0.000064	0.000064	0.000064 [hc]	—	0.0068	C	—	0.000064	Water & Organisms, Organisms	—	—
Aroclor 1242	—	0.014	0.000064	0.000064	0.000064 [hc]	—	0.034	C	—	0.000064	Water & Organisms, Organisms	—	—
Aroclor 1248	—	0.014	0.000064	0.000064	0.000064 [hc]	—	0.034	C	—	0.000064	Water & Organisms, Organisms	—	—
Aroclor 1254	—	0.014	0.000064	0.000064	0.000064 [hc]	0.73	0.034	C	—	0.000064	Water & Organisms, Organisms	—	—
Aroclor 1260	—	0.014	0.000064	0.000064	0.000064 [hc]	—	0.034	C	—	0.000064	Water & Organisms, Organisms	—	—
Explosives													
1,3-Dinitrobenzene	—	—	—	—	—	3.7	—	N	—	3.7	TWRSL	—	—
2,4-Dinitrotoluene	—	—	0.11	3.4	0.11 [hc]	73	—	N	—	0.11	Water & Organisms, SWQC	—	—
2,6-Dinitrotoluene	—	—	—	—	—	37	—	N	—	37	TWRSL	—	—
2-amino-4,6-Dinitrotoluene	—	—	—	—	—	73	—	N	—	73	TWRSL	—	—
4-amino-2,6-Dinitrotoluene	—	—	—	—	—	73	—	N	—	73	TWRSL	—	—
HMX	—	—	—	—	—	1,800	—	N	—	1,800	TWRSL	—	—
Nitrobenzene	—	—	17	690	17 [h]	3.4	—	N	—	17.0	Water & Organisms, SWQC	—	—
Nitrocellulose	—	—	—	—	—	—	—	-	—	—	—	—	—
Nitroglycerin	—	—	—	—	—	3.7	4	C	—	3.7	TWRSL	—	—
Nitroguanidine	—	—	—	—	—	3,700	—	N	—	3,700	TWRSL	—	—
2-Nitrotoluene	—	—	—	—	—	33	0.31	C	—	0.31	TWRSL	—	—
3-Nitrotoluene	—	—	—	—	—	730	—	N	—	730	TWRSL	—	—
4-Nitrotoluene	—	—	—	—	—	150	4.2	C	—	4.2	TWRSL	—	—
2- and 4-Nitrotoluene	—	—	—	—	—	—	—	-	—	—	—	—	—
PETN	—	—	—	—	—	—	—	-	—	—	—	—	—
Picric acid	—	—	—	—	—	—	—	-	—	—	—	—	—
RDX	—	—	—	—	—	110	0.61	C	—	2	FDWHA	—	—
Tetrazene	—	—	—	—	—	—	—	-	—	—	—	—	—

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
			Human Health Risk for							Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Water & Organisms	Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
1,3,5-Trinitrobenzene	—	—	—	—	—	1,100	—	N	—	1,100	TWRSL	—	—
2,4,6-Trinitrotoluene	—	—	—	—	—	18	2.2	C	—	2.2	TWRSL	—	—
Herbicides													
2,4'-D	—	—	100	—	—	—	—	-	—	100	Water & Organisms	—	—
Dalapon	—	—	—	—	—	1,100	—	N	—	1,100	TWRSL	—	—
2,4'-DB	—	—	—	—	—	—	—	-	—	—	—	—	—
Dicamba	—	—	—	—	—	1,100	—	N	—	1,100	TWRSL	—	—
Dichloroprop	—	—	—	—	—	—	—	-	—	—	—	—	—
Dinoseb	—	—	—	—	—	37	—	N	—	37	TWRSL	—	—
2,4,5-T	—	—	—	—	—	—	—	-	—	—	—	—	—
2,4,5-TP (Silvex)	—	—	10	—	—	—	—	-	—	10	Water & Organisms	—	—
Dioxins/Furans (w)													
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	—	—	—	—	—	—	—	-		—	—	—	—
Total heptachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,4,6,7,8-Heptachlorodibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,4,7,8,9-Heptachlorodibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
Total heptachlorodibenzofurans	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	—	—	—	—	—	—	—	-	—	—	—	—	—
Total hexachlorodibenzo-p-dioxins	—	—	—	—	—	—	0.000011	C	—	0.000011	TWRSL	—	—
1,2,3,4,7,8-Hexachlorodibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,6,7,8-Hexachlorodibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,7,8,9-Hexachlorodibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
2,3,4,6,7,8-Hexachlorodibenzofuran	—	—	—	—	—	—	—	-	—	—	—	—	—
Total hexachlorodibenzofurans	—	—	—	—	—	—	—	-	—	—	—	—	—
Octachlorodibenzodioxin	—	—	—	—	—	—	0.0017	C	—	0.0017	TWRSL	—	—
Octachlorodibenzofuran	—	—	—	—	—	—	0.0017	C	—	0.0017	TWRSL	—	—
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	—	—	—	—	—	—	—	-	—	—	—	—	—
Total pentachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	-	—	—	—	—	—
1,2,3,7,8-Pentachlorodibenzofuran	—	—	—	—	—	—	0.000017	C	—	0.000017	TWRSL	—	—
2,3,4,7,8-Pentachlorodibenzofuran	—	—	—	—	—	—	0.0000017	C	—	0.0000017	TWRSL	—	—
Total pentachlorodibenzofurans	—	—	—	—	—	—	—	-	—	—	_	—	—
2,3,7,8-Tetrachlorodibenzo-p-dioxin	—	—	5.0E-09	5.1E-09	0.000000005 [hc]	0.000037	0.00000052	C	—	0.0000000050	Water & Organisms, SWQC	—	—
Total tetrachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	-	—	—	—	—	—
2,3,7,8-Tetrachlorodibenzofuran	—	—	—	—	—	—	0.0000052	C	—	0.0000052	TWRSL	—	—
Total tetrachlorodibenzofurans	—	—	—	—	—	—	—	-	—	—	—	—	—
Glycols													
Ethylene glycol	—	—	—	—	—	73,000	—	N	—	73,000	TWRSL	—	—

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
			Human Health Risk for							Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Water & Organisms	Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
Hydrazines													
Hydrazine	—	—	—	—	—	—	0.022	C	—	0.022	TWRSL	—	—
Monomethyl hydrazine	—	—	—	—	—	—	—	-	—	—	—	—	—
Unsymmetrical dimethyl hydrazine	—	—	—	—	—	—	—	-	—	—	—	—	—
Inorganics													
Aluminum (x)	750	87	—	—	—	37,000	—	N	190	87	Chronic	190	BG Value
Antimony	—	—	5.6	640	5.6 [h]	15	—	N	ND	5.6	Water & Organisms	5.6	Water & Organisms
Arsenic	340 (y) (z)	150 (y) (z)	0.018 (aa)	0.14 (aa)	0.017 [hc] (z) (aj)	11	0.045	C	1.38	0.0170	SWQC	1.38	BG Value
Barium	—	—	1,000	—	2,000 [h]	7,300	—	N	38.0	2000	Water & Organisms, SWQC	2000	Water & Organisms, SWQC
Beryllium	—	—	—	—	6 [h]	73	—	N	ND	73	SWQC	73	SWQC
Boron	—	—	—	—	—	7,300	—	N	51.7	7,300	TWRSL	7,300	TWRSL
Cadmium	2.1 (y) (ab)	0.28 (y) (ab)	—	—	3.4 [h] (aj)	18	—	N	ND	3.4	Chronic	3.4	Chronic
Calcium (ac)	—	—	—	—	—	—	—	-	16,600	500,000	ADI	500,000	ADI
Chromium (ad)	16.3 (y)	11.4 (y)	—	—	10 [c]	110	—	N	ND	10	SWQC	10	SWQC
Cobalt	—	—	—	—	—	11	—	N	3.11	11	TWRSL	11	TWRSL
Copper	13.5 (y) (ab)	9.4 (y) (ab)	1,300	—	1300 [h] (aj)	1,500	—	N	ND	1300	SWQC	1300	SWQC
Cyanide	22 (ae)	5.2 (ae)	140	140	5.2 [c]	730	—	N	—	5.2	Chronic, SWQC	5.2	Chronic, SWQC
Iron	—	1,000	300	—	—	26,000	—	N	1,790	300	Water & Organisms	1,790	BG Value
Lead (x)	82 (y) (ab)	3.2 (y) (ab)	—	—	5 [h] (aj)	15	15	C	2.36	5	SWQC	5	SWQC
Magnesium (ac)	—	—	—	—	—	—	—	-	6,570	175,000	ADI	175,000	ADI
Manganese (ag)	—	—	50	100	—	880	—	N	383	50	Water & Organisms	383	BG Value
Mercury (ah)	1.6 (y) (ai)	0.91 (y) (ai)	—	—	0.05 [h] (aj)	3.7	—	N	ND	0.05	SWQC	0.05	SWQC
Nickel	471 (y) (ab)	52 (y) (ab)	610	4,600	500 [h] (aj)	730	—	N	ND	500	SWQC	500	SWQC
Potassium (ac)	—	—	—	—	—	—	—	-	1,860	1,000,000	ADI	1,000,000	ADI
Selenium	—	5.0 (aj)	170	4,200	5 [c] (aj)	180	—	N	ND	5.0	Chronic, SWQC	5.0	Chronic, SWQC
Silver	3.8 (y) (ab)	—	—	—	170 [h] (aj)	180	—	N	ND	170	SWQC	170	SWQC
Sodium (ac)	—	—	—	—	—	—	—	-	42,300	20,000	ADI	42,300	BG Value
Strontium	—	—	—	—	—	22,000	—	N	95.0	22,000	TWRSL	22,000	TWRSL
Thallium	—	—	0.24	0.47	0.24 [h] (aj)	2.4	—	N	7.30	0.24	Water & Organisms, SWQC	7.30	BG Value
Titanium	—	—	—	—	—	—	—	-	16.0	—	—	—	—
Vanadium	—	—	—	—	—	260	—	N	2.70	260	TWRSL	260	TWRSL
Zinc	123 (y) (ab)	122 (y) (ab)	7,400	26,000	7,400 [h] (aj)	11,000	—	N	31.1	7400	SWQC	7400	SWQC
Zirconium	—	—	—	—	—	—	—	-	ND	—	—	—	—
Anions													
Ammonia	—	—	—	—	(ak)	—	—	-	88.0	—	—	—	—
Chloride	860,000	230,000	—	—	230,000 [c]	—	—	-	110,000	230,000	Chronic, SWQC	230,000	Chronic, SWQC
Fluoride (al)	—	—	—	—	—	2,200	—	N	127	2,200	TWRSL	2,200	TWRSL
Nitrate	—	—	10,000	—	10,000 [h]	58,000	—	N	330	10,000	Water & Organisms, SWQC	10,000	Water & Organisms, SWQC
Nitrite (am)	—	—	—	—	—	3,700	—	N	15.4	3,700	TWRSL	3,700	TWRSL
Perchlorate	—	—	—	—	—	26	—	-	—	26	TWRSL	26	TWRSL
Phosphate	—	—	—	—	—	—	—	-	—	—	—	—	—
Total Phosphorus (ac)	—	—	—	—	50	—	—	-	—	50	SWQC	50	SWQC
Sulfate	—	—	—	—	—	—	—	-	12,900	250,000	SWQC	250,000	SWQC

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
			Human Health Risk for							Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Water & Organisms	Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen
Sulfide (an)	—	2	—	—	2 [c]	—	—	-	2,200	2	Chronic, SWQC	2,200	BG Value
White phosphorus	—	—	—	—	—	0.73	—	N	—	0.73	TWRSL	0.73	TWRSL
TOC													
Total organic carbon	—	—	—	—	—	—	—	-	—	—	—	—	—
Fuel Related Contaminants													
Diesel fuel	—	—	—	—	—	—	—	-	—	—	—	—	—
Total Volatile Petroleum Hydrocarbons	—	—	—	—	—	—	—	-	—	—	—	—	—
Total Extractabte Petroleum	—	—	—	—	—	—	—	-	—	—	—	—	—
Total Recoverable Petroleum	—	—	—	—	—	—	—	-	—	—	—	—	—
TPH	—	—	—	—	—	—	—	-	—	—	—	—	—
TPH, aviation gas fraction	—	—	—	—	—	—	—	-	—	—	—	—	—
TPH, diesel pattern	—	—	—	—	—	—	—	-	—	—	—	—	—
TPH, gas fraction	—	—	—	—	—	—	—	-	—	—	—	—	—
TPH, motor oil	—	—	—	—	—	—	—	-	—	—	—	—	—
Radiological Parameters (ad)													
Americium-241	—	—	—	—	—	—	—	-	ND	—	—	—	—
Cesium-137	—	—	—	—	—	—	—	-	ND	—	—	—	—
Cobalt-60	—	—	—	—	—	—	—	-	3.39	—	—	—	—
Gross alpha	—	—	—	—	—	—	—	-	ND	—	—	—	—
Gross beta	—	—	—	—	—	—	—	-	4.69	—	—	—	—
Krypton-85	—	—	—	—	—	—	—	-	—	—	—	—	—
Protactinium-234	—	—	—	—	—	—	—	-	—	—	—	—	—
Radium-226	—	—	—	—	—	—	—	-	0.260	—	—	—	—
Radium-228	—	—	—	—	—	—	—	-	ND	—	—	—	—
Thorium-234	—	—	—	—	—	—	—	-	—	—	—	—	—
Uranium (ap)	—	—	—	—	—	110	—	N	ND	110	TWRSL	—	—
Uranium-234	—	—	—	—	—	—	—	-	0.160	—	—	—	—
Uranium-235	—	—	—	—	—	—	—	-	ND	—	—	—	—
Uranium-238	—	—	—	—	—	—	—	-	0.0840	—	—	—	—
Uranium 235/238 Ratio	—	—	—	—	—	—	—	-	—	—	—	—	—
Asbestos (aq) (ar)													
Actinolite	—	—	7,000,000	—	7000000	—	—	-	—	7,000,000	Water & Organisms, SWQC	—	—
Amosite	—	—	7,000,000	—	7000000	—	—	-	—	7,000,000	Water & Organisms, SWQC	—	—
Anthophyllite	—	—	7,000,000	—	7000000	—	—	-	—	7,000,000	Water & Organisms, SWQC	—	—
Chrysolite	—	—	7,000,000	—	7000000	—	—	-	—	7,000,000	Water & Organisms, SWQC	—	—
Crocidolite	—	—	7,000,000	—	7000000	—	—	-	—	7,000,000	Water & Organisms, SWQC	—	—
Tremolite	—	—	7,000,000	—	7000000	—	—	-	—	7,000,000	Water & Organisms, SWQC	—	—

ADI = Allowable Daily Intake
ARAR = Applicable or Relevant and Appropriate Requirement
C/N = Carcinogenic or noncarcinogenic according to USEPA (2008).
ND = Not detected.
SC = Screening Criterion/Criteria
SWQC = Surface Water Quality Criteria

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
			Human Health Risk for							Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Water & Organisms	Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen

TBC = To Be Considered
TWRSL = USEPA Tap Water Regional Screening Level
— = No value available.

(a) Note that chemicals without any guidance values are presented in this table.

(b) USEPA (2006). National Recommended Water Quality Criteria. These water quality criteria are the USEPA's current recommended criteria, reflecting the latest scientific knowledge as required by Section 304(a)(1) of the Clean Water Act. The acute criteria are based on maximum exposure concentrations and the chronic criteria are based on a continuous concentration.

(c) NJDEP (2008). Surface water quality criteria fall into one of six categories: acute aquatic life criteria, chronic aquatic life criteria, noncarcinogenic effects-based human health criteria, carcinogenic effects-based human health criteria, toxic substances considered to be possible human carcinogens criteria, and organoleptic effects-based criteria. In most cases, State values are only available for one of the six categories, as a result, only the lowest of the available State values is presented in this table. The surface water at Picatinny is classified as FW2-NT (general surface water classified as nontrout fresh water).

N.J. Surface Water Quality Criteria notes:

[a] FW2 value represents acute aquatic life protection criterion generally expressed as a one hour average.
[c] FW2 value represents chronic aquatic life protection criterion expressed as a four day average.
[h] FW2 value is a noncarcinogenic effect-based human health criterion expressed as a 30-day average.
[hc] FW2 value is a carcinogenic effect-based human health criterion expressed as a 70-year average.

(d) USEPA (2008). USEPA Regional Screening Levels for consumption of tap water and inhalation while showering. These values are residential exposures based on 350 days/year. A hazard index of 1 was used for noncarcinogenic RSLs.

(e) Surface water background values are from the PTA Background Study Report and are the lower of the maximum concentration or the mean plus three standard deviations for a given chemical.

(f) SC is the NJ Surface Water Quality Criteria where applicable. USEPA Water Quality Criteria used only when New Jersey Standards are not applicable. Only in the absence of water quality criteria is the USEPA Tap Water (10^{-6}) RSL selected as the SC.

(g) The final SC value is the higher of the SC and surface water background value. If no SC was available, no final SC was presented.

(h) N.J. Surface Water Quality Criteria value for 1,2-dichloroethane.

(i) N.J. Surface Water Quality Criteria and USEPA Water Quality Criteria for trans-1,2-dichloroethene.

(j) USEPA Water Quality Criteria and N.J. Surface Water Quality Criteria for 1,3-dichloropropene.

(k) Criteria for pyrene were used for noncarcinogenic polycyclic aromatic hydrocarbons (PAHs) lacking criteria.

(l) Criteria for 1,4-dichlorobenzene were used for dichlorobenzenes and RSLs for 1,4-dichlorobenzene was used for 1,3-dichlorobenzene.

(m) Criteria is pH dependent. A pH of 7.8 was used for USEPA Water Quality Criteria and a pH of 7.5 was used for N.J. Surface Water Quality Criteria.

(n) Criteria for gamma-BHC were used.

(o) Criteria for chlordane were used.

(p) USEPA RSL value for endosulfan.

(q) Aquatic USEPA Water Quality Criteria value was derived from data for endosulfan.

(r) N.J. Surface Water Quality Criteria value for endosulfan (alpha and beta).

(s) Criteria for endrin were used for endrin ketone and the USEPA RSL for endrin was used for endrin aldehyde.

(t) USEPA Water Quality Criteria value was derived from data for heptachlor.

(u) Aquatic USEPA Water Quality Criteria for total PCBs.

(v) This note removed/no longer applicable.

(w) USEPA RSL values for PCDD/PCDF congeners were derived using toxicity criterion for 2,3,7,8-TCDD modified by toxic equivalency factors (TEFs) (USEPA 2000).

(x) USEPA Water Quality Criteria values based on a pH range of 6.5 to 9.0 and are expressed in terms of total recoverable metal in the water column.

(y) USEPA Water Quality criteria was converted to total metal in the water column from a dissolved value using a conversion factor in accordance with Appendix A of USEPA (2002).

(z) Criteria values are for arsenic III.

(aa) USEPA Water Quality Criteria refers to the inorganic form only.

(ab) USEPA Water Quality Criteria for this metal assume a hardness concentration of 100 mg/L in the water column.

(ac) The value presented in the RSL column is an allowable daily intake (ADI) level for essential human nutrients.

(ad) Values for chromium VI were used.

(ae) This recommended water quality criterion is expressed as µg free cyanide (as CN/L).

Table B-3
Screening Criteria for Picatinny Arsenal Surface Water (a)
(ug/L)

Chemical	USEPA Water Quality Criteria (b)				N.J. Surface Water Quality Criteria (FW-2) (c)	USEPA Residential Tap Water RSLs (d)			Surface Water Background Value (e)	Screening Criteria			
										Site Characterization / Prioritization		Final SC (Higher of SC and Background value when is available [g])	
	Acute	Chronic	Human Health Risk for Water & Organisms	Human Health Risk for Organisms Only	SWQC	Non-carcinogen	Carcinogen $1X10^{-6}$	C/N		SC (f)	SC Chosen	Final SC	Final SC Chosen

(af) Lead does not have an RSL, however the 15 ug/L action level (USEPA 1996a) is presented in the RSL column.

(ag) The non-food RSL value for manganese was used.

(ah) The RSL value for methyl mercury was used.

(ai) These recommended water quality criteria were derived from data for inorganic mercury (II).

(aj) This recommended water quality criterion was expressed in terms of total recoverable metal in the water column.

(ak) NJ value was based on typical pH ranges and temperature ranges measured at surface water sampling bcations throughout PTA, the following range of un-ionized ammonia concentrations were calculated as site-specific surface water quality criteria (SWQC) for the FW2-NT surface water classification at PTA. For summer, the acute SWQC range from 339 ug/L to 1,277 ug/L; the chronic SWQC range from 91 ug/L to 343 ug/L. For winter, the acute SWQC range from 756 ug/L to 3,239 ug/L; the chronic SWQC range from 195 ug/L to 838 ug/L.

(al) USEPA RSL for fluorine.

(am) The background value for nitrate/nitrite was used.

(an) Value for sulfkte-hydrogen sulfide was used.

(ao) The values for radiological parameters are in units of pCi/L.

(ap) Uranium is in unite of ug/L. The RSL for the most conservative soluble salts was used.

(aq) Asbestos units are fibers/L.

(ar) N.J. Surface Water Quality Criteria assume fibers longer than 10 micrometers.

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
Volatiles											
Acetone	—	—	—	6,000	10	—	22,000	—	N	6,000	Quality Criteria
Acetonitrile	—	—	—	100**	9	—	130	—	N	100	Quality Criteria
Acrolein	—	—	—	4	5	—	0.042	—	N	5	NJPQL
Acrylonitrile	—	—	—	0.06	2	—	3.7	0.045	C	2	NJPQL
Benzene	5	0	1	0.2	1	—	44.00	0.41	C	1	NJMCL, NJPQL
Bromodichloromethane (f)	80	0	—	0.6	1	—	730	1.10	C	1	NJPQL
Bromoform (f)	80	0	—	4	0.8	—	730	8.50	C	4	Quality Criteria
Bromomethane	—	—	—	10	1	10	8.70	—	N	10	Quality Criteria
2-Butanone	—	—	—	300	2	4,000	7,000	—	N	300	Quality Criteria
tert-Butylalcohol	—	—	—	100	2	—	—	—	-	100	Quality Criteria
Carbon disulfide	—	—	—	700	1	—	1,000	—	N	700	Quality Criteria
Carbon tetrachloride	5	0	2	0.4	1	—	24	0.2	C	1	NJPQL
Chlorobenzene	100	100	50	50	1	100	91	—	N	50	Quality Criteria, NJMCL
Chloroethane	—	—	—	5**	0.5	—	21,000	—	N	5	Quality Criteria
2-Chloroethyl vinyl ether	—	—	—	—	—	—	—	—	-	—	—
Chloroform (f)	80	70	—	70	1	—	130	0.19	C	70	Quality Criteria
Chloromethane	—	—	—	—	—	30	190	1.8	C	30	HA
Dibromochloromethane (f)	80	60	—	0.4	1	60	730	0.8	C	1	NJPQL
Dichlorodifluoromethane	—	—	—	1,000	2	1,000	390	—	N	1,000	Quality Criteria
1,1-Dichloroethane	-	—	50	50	1	—	7,300	2.4	C	50	NJMCL, Quality Criteria
1,2-Dichloroethane	5	0	2	0.3	2	—	640	0.15	C	2	NJMCL, NJPQL
1,1-Dichloroethene	7	7	2	1	1	6	340	—	N	1	Quality Criteria, NJPQL
1,2-Dichloroethene (total) (g)	—	—	—	10	—	70	330	—	N	10	Quality Criteria
cis-1,2-Dichloroethene	70	70	—	70	1	70	370	—	N	70	MCL, MCLG, Quality Criteria
trans-1,2-Dichloroethene	100	100	—	100	1	100	110	—	N	100	MCL, Quality Criteria, MCLG
1,2-Dichloropropane	5	0	—	0.5	1	—	8.3	0.39	C	1	NJPQL
cis-1,3-Dichloropropene (h)	—	—	—	0.4	1	—	730		N	1	NJPQL
trans-1,3-Dichloropropene (h)	—	—	—	0.4	1	—	731		N	1	NJPQL
Ethanol	—	—	—	—	—	—	—	—	-	—	—
Ethyl benzene	700	700	—	700	2	700	1,300	1.5	C	700	MCL, Quality Criteria, MCLG
Ethylene oxide	—	—	—	—	—	—	—	0.044	C	0.044	TWRSL
2-Hexanone	—	—	—	1*	300*	—	—	—	-	300*	NJPQL
Isopropanol	—	—	—	—	—	—	—	—	-	—	—
4-Methyl-2-pentanone (MIBK)	—	—	—	400	—	—	2,000	—	N	400	Quality Criteria

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
Methylene chloride	5	0	3	3	1	—	1,100	4.8	C	3	Quality Criteria, NJMCL
Styrene	100	100	—	100	2	100	1,600	—	N	100	MCL, Quality Criteria, MCLG
1,1,2,2-Tetrachloroethane	—	—	1	1	1	0.3	1,100	0.52	C	1	NJMCL,NJPQL, Quality Criteria
Tetrachloroethene	5	0	1	0.4	1	10	220	0.11	C	1	NJMCL, NJPQL
Toluene	1,000	1,000	1000	600	1		2,300	—	N	600	Quality Criteria
1,1,1-Trichloroethane	200	200	30	30	1	200	9,100	—	N	30	NJMCL, Quality Criteria
1,1,2-Trichloroethane	5	3	3	3	2	3	150	0.24	C	3	NJMCL, Quality Criteria, MCLG
Trichloroethene	5	0	1	1	1	—	—	1.7	C	1	NJMCL, Quality Criteria, NJPQL
Trichlorofluoromethane	—	—	—	2,000	1	2,000	1,300	—	N	2,000	Quality Criteria
1,1,2-Trichloro-1,2,2-trifluoroethane	—	—	—	—	—	—	59,000	—	N	59,000	TWRSL
Vinyl acetate	—	—	—	7,000	5	—	410	—	N	7,000	Quality Criteria
Vinyl chloride	2	0	2	0.08	1	—	72	0.016	C	1	NJPQL
Xylenes	10,000	10,000	1,000	1,000	2	10,000	200	—	N	1,000	Quality Criteria, NJMCL
Semivolatiles											
Acenaphthene	—	—	—	400	10	—	2,200		N	400	Quality Criteria
Acenaphthylene (i)	—	—	—	200	10	—	1,100	—	N	200	Quality Criteria
Aniline	—	—	—	6	2	—	260	12	C	6	Quality Criteria
Anthracene	—	—	—	2,000	10	—	11,000	—	N	2,000	Quality Criteria
Benz(a)anthracene	—	—	—	0.05	0.1	—	—	0.029	C	0.1	NJPQL
Benzidine	—	—	—	0.0002	20	—	110	0.000094	C	20	NJPQL
Benzo(a)pyrene	0.2	0	0.2	0.005	0.1	—	—	0.0029	C	0.1	NJPQL
Benzo(b)fluoranthene	—	—	—	0.05	0.2	—	—	0.029	C	0.2	NJPQL
Benzo(g,h,i)perylene (l)	—	—	—	200	20	—	1,100	—	N	200	Quality Criteria
Benzo(k)fluoranthene	—	—	—	0.5	0.3	—	—	0.29	C	0.5	Quality Criteria
Benzoic Acid	—	—	—	30,000	50	—	150,000	—	N	30,000	Quality criteria
Benzyl alcohol	—	—	—	2,000	20	—	18,000	—	N	2,000	Quality Criteria
4-Bromophenyl phenyl ether	—	—	—	—	—	—	—	—	-	—	—
di-n-Butylphthalate	—	—	—	700	1	—	—	—	-	700	Quality Criteria
Butylbenzyl phthalate	—	—	—	100	1	—	7,300	35	C	100	Quality Criteria
Carbazole	—	—	—	—	—	—	—	—	-	—	—
4-Chloroaniline	—	—	—	30	10	—	150	1.2	C	30	Quality Criteria
bis(2-Chloroethoxy)methane	—	—	—	—	—	—	110	—	N	—	—
bis(2-Chloroethyl)ether	—	—	—	0.03	7	—	—	0.012	C	7	NJPQL
bis(2-Chloroisopropyl)ether	—	—	—	300	10	300	—	—	C	300	Quality Criteria
4-Chloro-3-methylphenol	—	—	—	—-	20	—	—	—	-	20	NJPQL
2-Chloronaphthalene	—	—	—	600	10	—	2,900	—	N	600	Quality Criteria
2-Chlorophenol	—	—	—	40	20	40	180	—	N	40	Quality Criteria

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
4-Chlorophenyl phenyl ether	—	—	—	—	—	—	—	—	-	—	—
Chrysene	—	—	—	5	0.2	—	—	2.9	C	5	Quality Criteria
Dibenz(a,h)anthracene	—	—	—	0.005	0.3	—	—	0.0029	C	0.3	NJPQL
Dibenzofuran	—	—	—	—	—	—	—	—	-	—	—
Dichlorobenzenes (j)	—	—	—	75	5	75	1,700	0.43	C	75	Quality Criteria
1,2-Dichlorobenzene	600	600	—	600	5	600	370	—	N	600	MCL, Quality Criteria, MCLG
1,3-Dichlorobenzene	-	—	600	600	5	600	1,700	0.43	C	600	NJMCL, Quality Criteria
1,4-Dichlorobenzene	75	75	—	75	5	75	1,700	0.43	C	75	MCL, Quality Criteria, MCLG
3,3'-Dichlorobenzidine	—	—	—	0.08	30	—	—	0.15	C	30	NJPQL
2,4-Dichlorophenol	—	—	—	20	10	20	110	—	N	20	Quality Criteria
Diethytphthalate	—	—	—	6,000	1	—	29,000	—	N	6000	Quality Criteria
2,4-Dimethylphenol	—	—	—	100	20	—	730	—	N	100	Quality Criteria
Dimethylphthalate	—	—	—	—	10	—	—	—	N	—	—
2,4-Dinitrophenol	—	—	—	10	40	—	73	—	N	40	NJPQL
Diphenylamine	—	—	—	200	20	—	910	—	N	200	Quality Criteria
1,2-Diphenylhydrazine	—	—	—	0.04	20	—	—	0.084	C	20	NJPQL
bis(2-Ethylhexyl)phthalate	6	0	—	2	3	—	730	4.8	C	3	NJPQL
Fluoranthene	—	—	—	300	10	—	1,500	—	N	300	Quality Criteria
Fluorene	—	—	—	300	1	—	1,500	—	N	300	Quality Criteria
Hexachlorobenzene	1	0	1	0.02	0.02	—	29	0.042	C	0.02	Quality Criteria, NJPQL
Hexachlorobutadiene	—	—	—	0.4	1	1	37	0.86	C	1	NJPQL
Hexachlorocyclopentadiene	50	50	50	40	0.5	—	220	—	N	40	Quality Criteria
Hexachloroethane	—	—	—	2	7	1	37	4.8	C	7	NJPQL
Indeno(1,2,3-c,d)pyrene	—	—	—	0.05	0.2	—	—	0.029	C	0.2	NJPQL
Isophorone	—	—	—	40	10	100	7,300	71	C	40	Quality Criteria
2-Methylnaphthalene	—	—	—	30*	10*	—	150	—	N	30	Quality Criteria
2-Methylphenol	—	—	—	—	—	—	—	—	-	—	—
4-Methylphenol	—	—	—	—	—	—	—	—	-	—	—
4,6-dinitro-2-Methylphenol	—	—	—	—	60	—	—	—	-	—	—
Naphthalene	—	—	300	300	2	100	6.2	0.14	N	300	NJMCL, Quality Criteria
2-Nitroaniline	—	—	—	—	—	—	—	—	-	—	—
3-Nitroaniline	—	—	—	—	—	—	11	3.2	C	—	—
4-Nitroaniline	—	—	—	—	—	—	110	3.2	C	—	—
2-Nitrophenol	—	—	—	—	—	—	—	—	-	—	—
4-Nitrophenol	—	—	—	—	—	60	—	—	-	60	HA
n-Nitrosodlmethylamine	—	—	—	0.0007	0.8	—	0.29	0.00042	C	0.8	NJPQL

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
n-Nitroso-di-n-propylamine	—	—	—	0.005	10	—	—	0.0096	C	10	NJPQL
n-Nitrosodiphenylamine	—	—	—	7	10	—	—	14	C	10	NJPQL
di-n-Octylphthalate	—	—	—	100	10	—	—	—	-	100	Quality Criteria
Pentachlorophenol	1	0	1	0.3	0.1	—	1,100	0.56	C	0.3	Quality Criteria
Phenanthrene (i)	—	—	—	200	10	—	1,100	—	N	200	Quality Criteria
Phenol	—	—	—	2,000	10	2000	11,000	—	N	2,000	Quality Criteria
Pyrene	—	—	—	200	0.1	—	1,100	—	N	200	Quality Criteria
1,2,4-Trichlorobenzene	70	70	9	9	1	70	8.2	19	C	9	NJMCL, Quality Criteria
2,4,5-Trichlorophenol	—	—	—	700	10	—	3,700	—	N	700	Quality Criteria
2,4,6-Trichlorophenol	—	—	—	1	20	—	37	6.1	C	20	NJPQL
Pesticides											
Aldrin	—	—	—	0.002	0.04	—	1.1	0.004	C	0.04	NJPQL
alpha-BHC (k)	—	—	—	0.006	0.02	0.2	—	0.011	C	0.02	NJPQL
beta-BHC (k)	—	—	—	0.02	0.04	0.2	—	0.037	C	0.04	NJPQL
delta-BHC (k,l)	—	—	—	0.2	—	0.2	11	0.061	C	0.2	Quality Criteria
gamma-BHC (Lindane)	0.2	0.2	—	0.03	0.02	—	11	0.061	C	0.03	Quality Criteria
Chlordane	2	0	0.5	0.01	0.5	—	—	0.19	C	0.5	NJMCL, NJPQL
alpha-Chlordane (m)	—	—	0.5	0.01	0.5	—	18	0.19	C	0.5	NJPQL
gamma-Chlordane (m)	—	—	0.5	0.01	0.5	—	18	0.19	C	0.5	NJPQL
4,4'-DDD	—	—	—	0.1	0.02	—	—	0.28	C	0.1	Quality Criteria
4,4'-DDE	—	—	—	0.1	0.01	—	—	0.20	C	0.1	Quality Criteria
4,4'-DDT	—	—	—	0.1	0.1	—	—	0.20	C	0.1	Quality Criteria
Diazinon	—	—	—	—	—	0.6	33	—	N	0.6	HA
Dieldrin	—	—	—	0.002	0.03	—	1.8	0.0042	C	0.03	NJPQL
Endosulfan I (n)	—	—	—	40	0.02	—	220	—	N	40	Quality Criteria
Endosulfan II (n)	—	—	—	40	0.04	—	220	—	N	40	Quality Criteria
Endosulfan sulfate (n)	—	—	—	40	0.02	—	220	—	N	40	Quality Criteria
Endrin	2	2	100	2	0.03	2	11	—	N	2	MCL, Quality Criteria, MCLG
Endrin aldehyde (o)	—	—	—	2	0.03	2	11	—	N	2	Quality Criteria
Endrin ketone (o)	—	—	—	2	0.03	2	11	—	N	2	Quality Criteria
Heptachlor	0.4	0	0.4	0.008	0.05	—	18	0.015	C	0.05	NJPQL
Heptachlor epoxide	0.2	0	0.2	0.004	0.2	—	0.47	0.0074	C	0.2	MCL, NJPQL, NJMCL
Isodrin	—	—	—	—	—	—	—	—	-	—	—
Malathion	—	—	—	100	0.6	100	730	—	N	100	Quality Criteria
Methoxychlor	40	40	40	40	0.1	40	180	—	N	40	MCL, Quality Criteria, MCLG, NJMCL
Mirex	—	—	—	0.1	0.08	—	7.3	0.0037	C	0.1	Quality Criteria
Toxaphene	3	0	—	0.03	2	—		0.061	C	2	NJPQL

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
PCBs (p)											
Aroclor 1016	0.5	0	—	0.02	0.5	—	2.6	0.96	C	0.5	MCL, NJPQL
Aroctor 1221	0.5	0	—	0.02	0.5	—	—	0.0068	C	0.5	MCL, NJPQL
Aroclor 1232	0.5	0	—	0.02	0.5	—	—	0.0068	C	0.5	MCL, NJPQL
Aroclor 1242	0.5	0	—	0.02	0.5	—	—	0.034	C	0.5	MCL, NJPQL
Aroclor 1248	0.5	0	—	0.02	0.5	—	—	0.034	C	0.5	MCL, NJPQL
Aroclor 1254	0.5	0	—	0.02	0.5	—	0.73	0.034	C	0.5	MCL, NJPQL
Aroclor 1260	0.5	0	—	0.02	0.5	—	—	0.034	C	0.5	MCL, NJPQL
Explosives											
1,3-Diamino-2,4,6-trinitrobenzene	—	—	—	—	—	—	—	—	-	—	—
Diethyleneglycol dinitrate	—	—	—	—	—	—	—	—	-	—	—
1,3-Dinitrobenzene	—	—	—	—	—	1	3.7	—	N	1	HA
2,4-Dinitrotoluene (q)	—	—	—	0.05	10	—	73	—	N	10	NJPQL
2,6-Dinitrotoluene (q)	—	—	—	0.05	10	—	37	—	N	10	NJPQL
2-amino-4,6-Dinitrotoluene (r)	—	—	—	—	—	—	73	—	N	73	TWRSL
4-amino-2,6-Dinitrotoluene (r)	—	—	—	—	—	—	73	—	N	73	TWRSL
HMX	—	—	—	—	—	400	1,800	—	N	400	HA
Nitrobenzene	—	—	—	4	6	—	3.4	—	N	6	NJPQL
Nitrocellulose	—	—	—	—	—	—	—	—	-	—	—
Nitroglycerin	—	—	—	—	—	—	3.7	4	C	3.7	TWRSL
Nitroguanidine	—	—	—	—	—	700	3,700	—	N	700	HA
2-Nitrotoluene	—	—	—	—	—	—	33	0.31	C	0.31	TWRSL
3-Nitrotoluene	—	—	—	—	—	—	730	—	N	—	—
4-Nitrotoluene	—	—	—	—	—	—	150	4.2	C	4.2	TWRSL
PETN	—	—	—	—	—	—	—	—	-	—	—
Picric acid	—	—	—	—	—	—	—	—	-	—	—
RDX	—	—	—	—	—	2	110	0.61	C	2	HA
Tetrazene	—	—	—	—	—	—	—	—	-	—	—
Tetryl	—	—	—	—	—	—	150	—	N	150	TWRSL
1,3,5-Trinitrobenzene	—	—	—	—	—	—	1,100	—	N	1,100	TWRSL
2,4,6-Trinitrotoluene	—	—	—	—	—	2	18	2.2	C	2	HA
Herbicides											
2,4'-D	70	70	70	70	2	70	—	—	-	70	MCL, Quality Criteria, MCLG, NJMCL
Dalapon	200	200	200	200	0.1	200	1,100	—	N	200	MCL, Quality Criteria, MCLG, NJMCL
2,4'-DB	—	—	—	—	—	—	—	—	-	—	—
Dicamba	—	—	—	—	—	200	1,100	—	N	200	HA

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
Dichloroprop	—	—	—	—	—	—	—	—	-	—	—
Dinoseb	7	7	7	7	2	7	37	—	N	7	MCL, Quality Criteria, MCLG, NJMCL
2,4,5-T	—	—	—	—	—	70	—	—	-	70	HA
2,4,5-TP (Sitvex)	50	50	50	60	0.6	50	—	—	-	50	MCL, MCLG, NJMCL
Dioxins/ Furans (s)											
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	—	—	—	0.00002	—	—	—	—	-	0.000002	Quality Criteria
Total heptachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	-	—	—
1,2,3,4,6,7,8-Heptachlorodibenzofuran	—	—	—	0.00002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,4,7,8,9-Heptachlorodibenzofuran	—	—	—	0.00002	—	—	—	—	-	0.000002	Quality Criteria
Total heptachlorodibenzofurans	—	—	—	—	—	—	—	—	-	—	—
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	—	—	—	0.000002	—	—	—	0.000011	C	0.000002	Quality Criteria
Total hexachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	-	—	—
1,2,3,4,7,8-Hexachlorodibenzofuran	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,6,7,8-Hexachlorodibenzofuran	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,4,7,8-Hexachlorodibenzofuran	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,6,7,8-Hexachlorodibenzofuran	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
1,2,3,7,8,9-Hexachlorodfoenzofuran	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
2,3,4,6,7,8-Hexachlorodibenzofuran	—	—	—	0.000002	—	—	—	—	-	0.000002	Quality Criteria
Total hexachlorodibenzofurans	—	—	—	—	—	—	—	—	-	—	—
Octachlorodibenzodioxin	—	—	—	0.0000067	—	—	—	0.0017	C	0.0000067	Quality Criteria
Octachlorodibenzofuran	—	—	—	0.00000067	—	—	—	0.0017	C	0.0000067	Quality Criteria
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	—	—	—	0.0000002	—	—	—	—	-	0.0000002	Quality Criteria
Total pentachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	-	—	—
1,2,3,7,8-Pentachlorodibenzofuran	—	—	—	0.0000067	—	—	—	0.000017	C	0.0000067	Quality Criteria
2,3,4,7,8-Pentachlorodibenzofuran	—	—	—	0.00000067	—	—	—	0.0000017	C	0.0000067	Quality Criteria
Total pentachtorodibenzofurans	—	—	—	—	—	—	—	—	-	—	—
2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.00003	0	0.00003	0.0000002	0.01	—	0.000037	0.00000052	C	0.00003	MCL, NJMCL
Total tetrachlorodibenzo-p-dioxins	—	—	—	—	—	—	—	—	-	—	—
2,3,7,8-Tetrachlorodibenzofuran	—	—	—	0.000002	—	—	—	0.0000052	C	0.000002	Quality Criteria
Total tetrachlorodibenzofurans	—	—	—	—	—	—	—	—	-	—	—
Glycols											
Ethylene glycol	—	—	—	300	200	14,000	73,000	—	N	300	Quality Criteria
Hydrazines											
Hydrazine	—	—	—	—	—	—	—	0.022	C	0.022	TWRSL
Monomethyl hydrazine	—	—	—	—	—	—	—	—	-	—	—
Unsymmetricai dimethyl hydrazine	—	—	—	—	—	—	—	—	-	—	—

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
Inorganics											
Aluminum	—	—	—	200	30	—	37,000	—	N	200	Quality Criteria, NJPQL
Antimony	6	6	6	6	3	6	15	—	N	6	MCL, MCLG,Quality Criteria, NJMCL
Arsenic	10	0	5	0.02	3	—	11	0.045	C	3	NJPQL
Barium	2,000	2,000	2000	6,000	200	2,000	7,300	—	N	2,000	MCL, MCLG, NJMCL
Beryllium	4	4	4	1	1	—	73	—	N	1	Quality Criteria, NJPQL
Boron	—	—	—	—	—	1000	7,300	—	N	1000	HA
Cadmium	5	5	5	4	0.5	5	18	—	N	4	Quality Criteria
Calcium (t)	—	—	—	—	—	—	—	—	-	500,000	ADI
Chromium (u)	100	100	100	70	1	—	110	—	N	70	Quality Criteria
Cobalt	—	—	—	100*	0.5*	—	11	—	N	100	Quality Criteria
Copper (v)	1,300	1,300	—	1,300	4	—	1,500	—	N	1,300	Quality Criteria, MCL, MCLG
Cyanide	200	200	200	100	6	200	730	—	N	100	Quality Criteria
Iron	—	—	—	300	20	—	26,000	—	N	300	Quality Criteria
Lead (v)	15	0	—	5	5	—	15	15	C	5	NJPQL, Quality Criteria
Magnesium (t)	—	—	—	—	—	—	—	—	-	175,000	ADI
Manganese (w)	—	—	—	50	0.4	300	880	—	N	50	Quality Criteria
Mercury (x)	2	2	2	2	0.05	2	3.7	—	N	2	MCL, Quality Criteria, MCLG, NJMCL
Molybdenum	—	—	—	40	2	40	180	—	N	40	HA
Nickel (y)	—	—	—	100	4	100	730	—	N	100	Quality Criteria
Potassium (t)	—	—	—	—	—	. —	—	—	-	1,000,000	ADI
Selenium *(z)*	50	50	50	40	4	50	180	—	N	40	Quality Criteria
Silver	—	—	—	40	1	100	180	—	N	40	Quality Criteria
Sodium (t)	—	—	—	50,000	400	—	—	—	-	50,000	Quality Criteria
Strontium	—	—	—	—	—	4,000	22,000	—	N	4,000	HA
Thallium	2	0.5	—/2	0.5	2	0.5	2.4	—	N	0.5	Quality Criteria MCGL
Tin	—	—	—	—	—	—	22,000	—	N	22,000	TWRSL
Titanium	—	—	—	—	—	—	—	—	-	—	—
Vanadium	—	—	—	—	—	—	260	—	N	260	TWRSL
Zinc	—	—	—	2,000	10	2,000	11,000	—	N	2,000	Quality Criteria
Zirconium	—	—	—	—	—	—	—	—	-	—	—
Anions											
Ammonia	—	—	—	3,000	200	30,000	—	—	-	3,000	Quality Criteria
Chloride	—	—	—	250,000	2,000	—	—	—	-	250,000	Quality Criteria
Fluoride (aa)	4,000	4,000	—	2,000	500	—	2,200	—	N	2,000	Quality Criteria
Nitrate	10,000	10,000	—	10,000	100	—	58,000	—	N	10,000	MCL, Quality Criteria,MCLG
Nitrite	1,000	1,000	—	1,000	10	—	3,700	—	N	1,000	MCL, Quality Criteria,MCLG

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
Perchlorate (ab)	—	—	—	5*	2.7*	—	26	—	-	5	Quality Criteria
Phosphate	—	—	—	—	—	—	—	—	-	—	—
Total phosphates	—	—	—	—	—	—	—	—	-	—	—
Phosphorus (t)	—	—	—	—	—	—	600,000	—	-	600,000	TWRSL
Sulfate	500,000	500,000	—	250,000	5,000	—	—	—	-	250,000	Quality Criteria
Sulfide	—	—	—	—	—	—	—	—	-	—	—
White phosphorus	—	—	—	—	—	0.1	0.73	—	N	0.1	HA
DOC											
Dissolved organic carbon	—	—	—	—	—	—	—	—	-	—	—
TOC											
Total organic carbon	—	—	—	—	—	—	—	—	-	—	—
Alkalinity											
Alkalinity	—	—	—	—	—	—	—	—	-	—	—
Fuel Related Contaminants											
Diesel fuel	—	—	—	—	—	—	—	—	-	—	—
GRO	—	—	—	—	—	—	—	—	-	—	—
Total Volatile Petroleum Hydrocarbons	—	—	—	—	—	—	—	—	-	—	—
Total Extractable Petroleum	—	—	—	—	—	—	—	—	-	—	—
Total Recoverable Petroleum	—	—	—	—	—	—	—	—	-	—	—
TPH	—	—	—	—	—	—	—	—	-	—	—
TPH, aviation gas fraction	—	—	—	—	—	—	—	—	-	—	—
TPH, diesel pattern	—	—	—	—	—	—	—	—	-	—	—
TPH, gas fraction	—	—	—	—	—	—	—	—	-	—	—
TPH, motor oil	—	—	—	—	—	—	—	—	-	—	—
Radiological Parameters (ac)											
Americium-241	—	—	—	—	—	—	—	—	-	—	—
Bismuth-212	—	—	—	—	—	—	—	—	-	—	—
Bismufh-214	—	—	—	—	—	—	—	—	-	—	—
Cesium-137	—	—	—	—	—	—	—	—	-	—	—
Cobalt-60	—	—	—	—	—	—	—	—	-	—	—
Gross alpha	15	0	—	—	—		—	—	-	15	MCL
Gross beta	—	—	—	—	—	—	—	—	-	—	—
Krypton-85	—	—	—	—	—	—	—	—	-	—	—
Lead-212	—	—	—	—	—	—	—	—	-	—	—
Lead-214	—	—	—	—	—	—	—	—	-	—	—
Protactinium-234	—	—	—	—	—	—	—	—	-	—	—

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
										Site Characterization/ Prioritization	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	SC (e)	SC Chosen
Radium-226 (ad)	5	0	5	—	—	—	—	—	-	5	MCL, NJMCL
Radium-228 (ad)	5	0	5	—	—	—	—	—	-	5	MCL, NJMCL
Thorium-234	—	—	—	—	—	—	—	—	-	—	—
Uranium (ae)	30	0	30	—	—	—	110	—	N	30	MCL, NJMCL
Uranium-234	—	—	—	—	—	—	—	—	-	—	—
Uranium-235	—	—	—	—	—	—	—	—	-	—	—
Uranium-238	—	—	—	—	—	—	—	—	-	—	—
Uranium 235/238 Ratio	—	—	—	—	—	—	—	—	-	—	—
Asbestos (af)											
Actinolite	7,000,000	7,000,000	—	7,000,000	100,000	—	—	—	-	7,000,000	MCL, Quality Criteria, MCLG
Amosite	7,000,000	7,000,000	—	7,000,000	100,000	—	—	—	-	7,000,000	MCL, Quality Criteria, MCLG
Anthopyllite	7,000,000	7,000,000	—	7,000,000	100,000	—	—	—	-	7,000,000	MCL, Quality Criteria, MCLG
Chrysotile	7,000,000	7,000,000	—	7,000,000	100,000	—	—	—	-	7,000,000	MCL, Quality Criteria, MCLG
Crocidolite	7,000,000	7,000,000	—	7,000,000	100,000	—	—	—	-	7,000,000	MCL, Quality Criteria, MCLG
Tremolite	7,000,000	7,000,000	—	7,000,000	100,000	—	—	—	-	7,000,000	MCL, Quality Criteria, MCLG

ADI = Allowable Daily Intake
AL = Action Level
ARAR = Applicable or Relevant and Appropriate Requirement
C/N = Carcinogenic or noncarcinogenic according to USEPA (2003).
HA = Health Advisory
MCL = Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal
NJMCL = New Jersey Maximum Contaminant Level (2002)
PQL = Practical Quantitation Limit
SC = Screening Criterion/Criteria
TBC = To Be Considered
TWRSL = USEPA Tap Water Regional Screening Level
— = No value available.
(a) Note that chemicals without guidance values are presented in this table.
(b) USEPA Drinking Water Standards and Health Advisories (Summer 2006) Publication #EPA 822-R-06-013
(c) NJDEP(2005).
(d) USEPA (2008). Residential exposure based on ingestion of tap water and inhalation while showering for 350 days. A hazard index of 1 was used for noncarcinogenic RSLs.
(e) SC for PTA groundwater are based on the lower of the following values: (1) Federal MCLs, (2) New Jersey State MCLs,
(3) New Jersey Groundwater Quality Criteria (QC) or PQLs (whichever is higher), and (4) any non-zero Federal MCLGs. If none of the above criteria are available,
the groundwater SC will be based on the lower of the following: Federal Drinking Water Health Advisories or USEPA Tap Water RSLs.
(f) Federal values are based on trihatomethanes.

Table B-4
Screening Criteria for Picatinny Arsenal Groundwater (a)
(ug/L)

Chemical	Federal Drinking Water Standards (b)		New Jersey Drinking Water	New Jersey Groundwater (c)		Federal Drinking Water Health Advisories Life time (b)	USEPA Tap Water Regional Screening Levels (d)			Screening Criteria	
	MCL	MCLG	NJMCL	Quality Criteria	NJPQL	HA	Non-carcinogen	Carcinogen 1x 10^{-6}	C/N	Site Characterization/ Prioritization SC (e)	SC Chosen

(g) The QC value for cis-1,2-dichloroethene was used.

(h) The RSL value for 1,3-dichloropropene was used.

(i) The values for pyrene were used for noncarcinogenic polycyclic aromatic hydrocarbons (PAHs) lacking RBCs and NJ criteria.

(j) Values for 1,4-dichlorobenzene were used.

(k) The HA value for gamma-BHC (lindane) was used.

(l) The QC and RSL values for gamma-BHC were used.

(m) The values for chlordane were used for NJ criteria and RSLs.

(n) The RSL value for endosulfan was used.

(o) The value for endrin was used for NJ criteria, HAs and RSLs.

(p) The Federal MCLs and NJ values for PCBs were used.

(q) The value for 2,4-dinitrotoluene and 2,6-dinitrotoluene mixture was used for the QC and the PQL value for mixed dinitrotoluene was used for 2,4-dinitrotoluene.

(r) The RSL value for aminodinitrotoluenes was used.

(s) USEPA RSL values for PCDD/PCDF congeners were derived using toxicity criterion for 2,3,7,8-TCDD modified by toxic equivalency factors (TEFs) (USEPA 2000).

(t) The value presented in the RSL column is an allowable daily intake (ADI) level for essential human nutrients.

(u) The value for total chromium was used for Federal and NJ criteria and the value for Chromium VI was used for the RSL.

(v) Federal and State MCLs are based on action levels for these chemicals. Lead does not have an RSL, however the 15 µg/L action level (USEPA 1996a) is presented in the RBC column.

(w) The non-food RSL value for manganese was used.

(x) The value for inorganic mercury was used for the federal criteria, the value for total mercury was used for the NJ criteria and the RSL value was based on methyl mercury.

(y) The value for soluble salts was used for the NJ criteria and the PQL.

(z) The NJ value for total selenium was used.

(aa) The RSL value for fluorine was used.

(ab) Perchlorate does not have an RSL, however the 18 µg/L action level (USEPA 1998) is presented in the RBC column.

(ac) The values for radiological parameters are in units of pCi/L.

(ad) The value for combined radium-226 and radium-228 was used.

(ae) Uranium is in units of ug/L The RSL for the most conservative soluble salts was used.

(af) The values for asbestos are based on units of fibers/L>10µm.

Appendix C

Risk Assessment Reevaluations

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From:
Tim Llewellyn (ARCADIS)
Kimberly Panhorst (ARCADIS)

Date:
October 1, 2009

ARCADIS Project No.:
GP06PICA.P011

Subject:
Review of Risk Assessment Results for PICA 011Group of Sites

As part of the development of the Feasibility Study for the PICA 011 Group of Sites, risk assessment results were reviewed at a number of sites where unacceptable potential risks were previously identified. This review was conducted in order to identify exposure pathways and chemicals of concern driving the potential risks at those sites in an effort to assist in the selection of the most appropriate remedial action for each site.

HUMAN HEALTH RISK ASSESSMENT

Table 1 presents the potential reasonable maximum exposure (RME) excess lifetime cancer risk and/or noncancer hazard index for industrial workers and construction workers for the PICA 011 Group of Sites where unacceptable risks and/or hazards were previously identified. Sites with potential risks associated with exposure to lead in soil are also presented in Table 1. These risks are discussed in detail below. Note that all risk assessment results have been rounded to one significant figure following U.S. Environmental Protection Agency (USEPA 1989) guidance.

Sites with Unacceptable Potential Risks and/or Hazards

Unacceptable potential cancer risks and/or noncancer hazards for industrial workers and/or construction workers were identified at 20 sites, as shown in Table 1. The risks at Site 82 were due to radiological

constituents; the unacceptable risks and/or hazards calculated for the remaining 19 sites were due to chemical constituents. For four of these sites, unacceptable hazards were calculated due solely to lead concentrations in soil. At the remaining 15 sites, unacceptable risks or hazards were calculated due to other chemical constituents (11 sites) or to a combination of lead and other constituents (4 sites). Therefore, a more detailed review of the risk assessment results for each of these sites was performed to identify the risk drivers and exposure pathways evaluated.

For many of the 15 sites at which chemical constituents (other than lead) resulted in unacceptable risks and/or hazards, the results of this review identified dermal absorption of chemicals of potential concern (COPCs) in soil as the most significant exposure pathway driving a majority of the cancer risk and/or noncancer hazard. However, recent USEPA (2002a and 2004) guidance indicates that the dermal pathway does not typically result in greater exposure to chemicals when compared with exposure associated with the direct ingestion of soil. In addition, as outlined in USEPA (2002a) guidance, dermal absorption of chemicals in soil is not a major exposure pathway for indoor industrial workers. Indoor workers have minimal direct contact with soil. Instead, the primary exposure pathways are ingestion of indoor dust and inhalation of indoor vapors (USEPA 2002a).

In response to this finding, an in-depth review of the previous dermal exposure assessment was conducted. This review included evaluating receptor-specific exposure parameters, chemical-specific dermal absorption factors, and the final risk calculations. The results of this in-depth review discovered that the soil-to-skin adherence factor (SSAF) used in those assessments was significantly higher than the value that is currently recommended by the USEPA (2004) for the industrial worker and construction worker scenarios. The SSAF describes the amount of soil that adheres to the skin per unit surface area (USEPA 2004). Citing an interim report by the USEPA (1992), a SSAF of 1 mg/cm^2-event was previously used for evaluating dermal exposures to both the industrial worker and the construction worker. It is noted that more recent dermal guidance was available at the time the risk assessments were performed but was not incorporated into the previous risk assessments.

The sites where unacceptable risks and/or hazards were identified were re-evaluated using current USEPA (2004) recommendations for the SSAF parameter. However, the USEPA (2002a and 2004) does not recommend evaluating dermal absorption of COPCs in soil by indoor industrial workers because it is an insignificant pathway, and a recommended SSAF value is not available. Therefore, the default SSAF of 0.07 mg/cm^2-event for an adult resident (USEPA 2004) was used in this re-evaluation. It is noted that this value is based on adherence of soil to outdoor gardeners, which represent a reasonable, high-end activity for residents. Because indoor industrial workers do not engage in outdoor gardening activities, the use of this factor provides a conservative (i.e., upper-bound) estimate of dermal absorption of COPCs in soil by indoor industrial workers. For construction workers, the USEPA (2004) recommended SSAF of 0.3 mg/cm^2-event was used to re-evaluate dermal absorption of COPCs in soil. Table 2 presents the previous and revised dermal cancer risks and/or noncancer hazards, as well as the cumulative cancer risk and/or cumulative noncancer hazard. Note that potential risks at Site 82 (PICA 135) are associated with exposure

to radionuclides. Risks associated with exposure to radionuclides are evaluated using a different method than risks associated with dermal exposure to chemicals in soil. Therefore, Site 82 (PICA 135) was not re-evaluated and is not presented in Table 2.

The revised cumulative cancer risks were within the USEPA target risk range of (1E-04 to 1E-06) (USEPA 1991a) and/or the revised noncancer hazard index (HI) did not exceed 1 at 10 of the 15 sites (excluding the sites where lead and radionuclides were the only risk drivers) for which risks and or hazards had previously been reported due to exposure to chemicals in soils. At two of the sites, the recalculated total noncancer hazard exceeded 1 (Sites 139 in PICA 108 and Site 126 in PICA 122). However, when the hazard index was segregated by endpoint, the HI for each target organ/effect was less than or equal to one, indicating that adverse noncancer effects were unlikely.

The remaining four sites for which revised chemical cancer risks and/or noncancer hazards exceeded the acceptable benchmarks, and the single site(Site 82) for which unacceptable risks were due to exposure to radionuclides, are discussed below along with the primary risk drivers for each.

- Site 131 (PICA 091): The industrial worker cancer risk of 2E-04 is primarily associated with ingestion of arsenic in surface soil.

- Site 122 (PICA 011): The industrial worker noncancer HI of 8 and the construction worker HI of 40 are primarily associated with inhalation of manganese in soil.

- Site 118 (PICA 097): The industrial worker noncancer HI of 10 is primarily associated with ingestion of thallium and inhalation of manganese from surface soil. The construction worker HI of 90 is primarily associated with ingestion of thallium, and ingestion and inhalation of manganese from subsurface soil.

- Site 138 (PICA 108): The construction worker HI of 6 is primarily associated with inhalation of manganese from subsurface soil.

- Site 82 (PICA 135): The industrial worker cancer risk of 5E-04 is primarily associated with exposure to Radium 226, Radium 228 and their daughter products.

Development of Risk-Based Cleanup Goals

Risk-based cleanup goals (RBCGs) were developed for the risk drivers identified above following USEPA (1991a) guidance. The RBCGs represent the average concentration at a site that would not result in an unacceptable risk (i.e., a cumulative potential cancer risk no greater than 1E-04 to 1E-06 or hazard index no greater than 1). The following equation was used to calculate the RBCGs:

$$RBCG = \frac{EPC \times (TR \text{ or } THI)}{(ELCR \text{ or } HI)}$$

Where:

RBCG = Risk-based cleanup goal (mg/kg);

EPC = Exposure point concentration used to calculate the cancer risk or noncancer hazard in the HHRA (mg/kg);

TR = Target cancer risk (1E-06);

THI = Target hazard index (1);

ELCR = Chemical- or radionuclide-specific excess lifetime cancer risk as calculated in the HHRA (unitless); and

HI = Chemical-specific noncancer hazard index as calculated in the HHRA (unitless).

RBCGs based on cancer effects were calculated using a 1E-06 target risk level. However, RBCGs are also presented for the 1E-04 and 1E-05 risk levels to reflect the range of RBCGs associated with USEPA's acceptable risk range. The RBCGs are presented in Table 3, and summarized below. Note that four of the calculated RBCGs are less than the site-specific background levels presented in Shaw (2005a) or current Levels of Concern (LOC), which for these constituents are based on New Jersey soil standards for non-residential direct contact (http://www.nj.gov/dep/srp/regs/rs/rs_rule.pdf) or radioactive materials (http://www.state.nj.us/dep/rpp/ras/rasdown.htm). In this case, the highest of the value, of the RBCG, site-specific background concentration, or LOC was selected as the final RBCG for these constituents.

Summary of Risk-Based Cleanup Goals

Chemical	RBCGc (mg/kg) 1E-06	1E-05	1E-04	RBCGnc (mg/kg)	Background Level (mg/kg)	LOC[1] (mg/kg)	Final RBCG[2] (mg/kg)
Surface Soil							
Arsenic	3.3	33	330	—	9.23	19	19
Manganese	—	—	—	2,000	1,250	5,900	5,900
Thallium	—	—	—	160	1.19	79	160
Radium-226(+D) (pCi/g)	0.022	0.22	2.2	—	1.31	5[3]	5
Radium-228(+D) (pCi/g)	0.042	0.42	4.2	—	1.82	5[4]	5[4]
Combined Surface and Subsurface Soil							
Manganese	—	—	—	150	842	5,900	5,900
Thallium	—	—	—	230	1.5	79	230

1) Based on NJDEP standard for soils (http:www.nj.gov.dep/srp/regs/rs/rs rule.pdf) except where noted

2) The final RBCG was selected as the RBCGc based on a 1E-06 risk level, RBCGnc, the background level, or the LOC, whichever is greater.
3) From NJDEP Soil Remediation Standard for Radioactive Materials (http://www.state.nj.us/dep/rpp/ras/rasdown.htm) for Limited Restricted Use.
4) No LOC available for Radium-228. Thus the LOC for Radium-226 was used a s a surrogate.

— = A RBCG was not calculated because chemical did not significantly contribute to the cancer risk or noncancer hazard
RBCGc = Risk-based cleanup goal for cancer endpoint
RBCGnc = Risk-based cleanup goal for noncancer endpoint

Review of Chemical Results and Distribution at Each Site

The purpose of reviewing the results and distribution of the risk drivers at each site was to determine if a small area (or "hot spot") was responsible for driving the majority of the risk. This will help focus remedial efforts on the areas of highest risk. In addition, the data set used to calculate the EPC at each site was reviewed because remedial action (including excavation) has occurred at some of the PICA 011 Group of Sites since the completion of the human health risk assessments. Refer to the Draft Feasibility Study for the PICA 011 Group of Sites for details on removal actions. The chemical results and distributions for the risk drivers for Sites 82, 118, 122, 131, and 138 are discussed individually below.

Site 82 (PICA 135)

The cumulative cancer risk for Site 82 was 5E-04 due to concentrations of Radium-226, Radium-228 and their daughter products. Subsequently, an RBCG of 5 pCi/g was selected based on the LOC that was developed using the non-residential soil standard developed by NJDEP for Radium-226. A review of the sampling data for Radium-226 and Radium-228 at this site indicates that none of the surface soil sample results for these constituents exceeds the LOC. Thus there is no need for remedial action at this site.

Site 118 (PICA 097)

The primary hazard driver for the HIs of 10 for the industrial worker and 90 for the construction worker at Site 118 was manganese. The maximum detected concentration of 13,000 mg/kg, detected in surface soil sample D-SB118-1, was used as the EPC for the risk assessment. However, all other locations sampled have manganese concentrations substantially lower than the RBCG of 5,900 mg/kg that has been calculated for manganese. The exclusion of the maximum concentration for manganese would reduce potential hazards below levels of concern. Thus, a response action will be proposed for the soils around this sampling location.

Site 122 (PICA 011)

The primary hazard driver for Site 122 is manganese. The maximum detected concentration of 15,000 mg/kg, detected in surface soil, was used as the EPC for the surface soil risk assessment, which resulted in an HI of 8 for the industrial worker, and was largely responsible for the EPC of 6,770 mg/kg that was

used to derive an HI of 40 for the construction worker. However, surface soil at D-SS122-6, SS122-008, and D-122-SS122-009 all contribute to the 95-UCL that exceeds the RBCG. Thus, a response action will be proposed for the soils in these areas.

Site 131 (PICA 091)

The revised cumulative cancer risk for Site 131 was 2E-04, with the majority of that risk due to the presence of arsenic in surface soil that resulted in an EPC of 490 mg/kg. In order for risks to not exceed the upper end of the acceptable risk range (1E-04), the EPC would need to be roughly half or less of the value originally used in the risk calculations, or $\leq$245 mg/kg. A review of the arsenic data for surface soil indicates that there is only one location (131SS-13A), where the arsenic concentration exceeds this level. If the soils in that area are removed, the maximum arsenic concentration in remaining surface soils would be 126 mg/kg and the 95th upper confidence limit, which would be used as the EPC, would be 82 mg/kg, both of which are substantially below the 245 mg/kg associated with a 1E-04 risk.

Site 138 (PICA 108)

Manganese was also the primary hazard driver for Site 138 with a maximum concentration of 8,500 mg/kg located at SS138-6A. The remaining 23 samples taken at this site had manganese concentrations well below the RBCG of 5,900. Thus a response action will be proposed for the soils surrounding this sample location.

Lead Risk Assessment

Although exposures to lead are known to cause adverse effects, neither a cancer slope factor (CSF) nor a reference dose (RfD) have been developed for this chemical. In addition, many health authorities [e.g., Centers for Disease Control (1991); Agency for Toxic Substances and Disease Registry (1991)] believe that it may be inappropriate to develop and/or use a CSF or RfD for lead since there may not be a true threshold for the effects of lead. As a result, the method used to evaluate the toxicity of lead is based on estimating the concentration of lead in the blood of the exposed individual, since chronic health effects associated with lead exposure have been related to elevated blood lead levels. In addition, as blood lead levels are dependent on both background exposure to lead and site-related exposures, and since adverse effects of lead are dependent upon the age of the exposed individual, measures of blood lead levels are believed to be a more accurate predictor of the potential effects of lead than are average daily exposure levels (daily doses).

The USEPA Adult Lead Model (ALM) (USEPA 1996) was used to evaluate potential risks associated with exposure to lead in soil at the Picatinny Arsenal. The ALM has the ability to either calculate blood lead levels associated with a given soil lead concentration, or calculate a preliminary remediation goal (PRG) for lead in soil given a target blood lead level. The USEPA has established a national health criterion

based on the expectation that no more than 5 percent of the potentially exposed population should exceed a blood lead level of 10 micrograms per deciliter (ug/dL) (USEPA 1994) as a result of their exposures.

Previously, the ALM was used to derive a range of PRGs for several potential receptor groups and the site-specific concentrations of lead in soils were compared with those PRGs to determine if there might be a risk of harm. It was concluded that there was an unacceptable risk associated with exposure if the average lead concentration was greater than the lowest PRG in the range for that receptor. The range of PRGs previously used to identify industrial worker risks associated with exposure to lead in soil at the Picatinny Arsenal was 778 – 1,354 mg/kg. The range of PRGs previously used to identify construction worker risks associated with exposure to lead in soil at the Picatinny Arsenal was 162 – 282 mg/kg. Thus, if the average lead concentration in surface soil was greater than 778 mg/kg, it was concluded that there was a risk of harm to the industrial worker, and if the average lead concentration in subsurface soils was greater than 162 mg/kg, it was concluded that there was a risk of harm to the construction worker.

The previously calculated ranges of PRGs were calculated using two different geometric standard deviations (GSDs)—1.8 and 2.1. The GSD addresses sources of variability in blood lead concentrations among the exposed population. A higher GSD is used to characterize heterogeneous populations and means that there is higher variability (and associated uncertainty in estimating the blood lead levels) in the exposed population. Higher GSDs result in lower PRGs.

Lead Risk Assessment Results in the PICA 011 Group of Sites

Table 1 presents the average lead concentrations at each of the sites in the PICA 011 Group of Sites where they exceeded the lowest PRG for an industrial worker (778 mg/kg) or a construction worker (162 mg/kg). Potential lead risks were identified at four sites for an industrial worker and seven sites for a construction worker. Therefore, a more detailed examination of the risk assessment results for each of these sites was performed. This was done in a two step process. First, the ALM input parameters used to calculate the PRGs were evaluated in comparison to current recommendations; and, 2) the lead distribution at each site was evaluated to determine if a small area (or “hot spot”) was resulting in an elevated average lead concentration.

Review of ALM Input Parameters

Shaw (2005a,b,c) used USEPA (1996) recommended input parameters to calculate the lead PRGs for an industrial worker. These input parameters, as well as the input parameters used to calculate the PRGs for construction workers, are summarized below:

Summary of Previous ALM Input Parameters

Parameter	Explanation of Parameter	Previous Value used for Industrial Worker	Previous Value used for Construction Worker
$PbB_{fetal, 0.95}$	95^{th} percentile blood lead concentration in fetus (ug/dL)	10	10
$PbB_{receptor,baseline}$	Baseline blood lead concentration	2.0	2.0
BKSF	Biokinetic slope factor (ug/dL per ug/day)	0.4	0.4
IRs	Ingestion rate of soil (g/day)	0.050	0.480
AFs	Absolute gastrointestinal absorption fraction	0.12	0.12
EFs	Exposure frequency (days/yr)	250	125
AT	Averaging time (days/year)	365	365
$R_{fetal/maternal}$	Fetal/maternal blood lead level ratio	0.9	0.9
GSD	Geometric standard deviation	1.8 & 2.1	1.8 & 2.1

While calculating a range of PRGs is useful for understanding the range of potential risks, it is difficult for risk managers to make remedial decisions when average lead concentrations fall within the range of PRGs. Therefore, the input parameters were reviewed and updated, and a single PRG was calculated for use as a bright line for making remedial decisions.

The input parameters originally used in the lead risk assessments to derive PRGs were based on Phase 1 of the Third National Health and Nutrition Evaluation Survey (NHANES III, Phase 1) (Brody et al. 1994). However, data from Phase 2 of the NHANES III (USEPA 2002c), which included sensitive populations, became available subsequent to the Phase 1 recommendations. Phase 2 of the NHANES III provided average baseline blood lead concentrations and GSDs based on race/ethnicity for several regions in the United States. The average baseline blood lead concentration and GSD for a heterogeneous population (i.e., recommended values for all race/ethnicities) in the Northeast Region were reported to be 1.98 µg/dL and 2.00 µg/dL, respectively. Thus, these values were used to recalculate the lead PRG for both industrial workers and construction workers.

For the industrial worker, it is noted that the USEPA (1996) recommended exposure frequency should be 219 days/year, based on the average time spent at work by both full-time and part-time workers. Finally, the soil ingestion rate previously used to calculate the PRG for construction workers (480 mg/kg) was based on a theoretical calculation for adults engaged in outdoor activities (USEPA 1991b). The USEPA revised these values after substantial research (e.g., Stanek et al. 1997) showed that this value significantly overestimated adult soil ingestion rates. Since the input parameters for the ALM are based on

central tendency values, the USEPA currently recommends using a soil ingestion rate of 100 mg/kg for evaluating construction worker risks to lead in soil (USEPA 2007).

Using these currently recommended values, the PRGs for industrial worker and construction worker exposure to lead in soil were recalculated to be 1,092 mg/kg and 957 mg/kg, respectively. Attachment 1 shows the ALM and calculation of the revised PRGs.

As shown in Table 1, the average soil lead concentrations exceed the relevant, revised PRGs at two sites: Site 139 (PICA 108) and Site 115 (PICA 175). At Site 139 (PICA 108) the average lead concentration in surface soil exceeds the revised PRG for industrial workers. In addition, the average combined surface/subsurface soil lead concentration at Site 139 (PICA 108) and Site 115 (PICA 175) exceeds the revised PRG for construction workers. Therefore, lead sampling results and the distribution of lead at these sites were further evaluated. The average lead concentration at Site 102 (PICA 075), Site 118 (PICA 097), Site 111 (PICA 108), PICA 209 (Building 303), and PICA 209 (Building 430) were less than the revised PRGs for industrial workers and/or construction workers; therefore, no further review was necessary at these sites.

Review of Lead Results and Distribution at Each Site

The purpose of reviewing the lead results and distribution at each site where the average lead concentration exceeded the revised PRG was to determine if a small area (or "hot spot") was responsible for driving the majority of the risk. This analysis helps focus remedial efforts on the areas of highest risk. In addition, the data set used to calculate the average soil lead concentration at each site was reviewed because remedial action (including excavation) has occurred at several of the PICA 011 Group of Sites since the completion of the lead risk assessments. (Refer to the Feasibility Study for the RIP 2009 Group of Sites for details on removal actions.)

<u>Site 139 (PICA 108)</u>

The average lead concentration of 1,543 mg/kg was based on surface soil samples collected between 1993 and 2000. This average was driven primarily by the maximum lead concentration of 24,000 mg/kg detected in sample F-SS139-4 in November 1993. However, additional soil samples were collected in August 2000 at and around this location to further delineate lead concentrations in this area. As the table below summarizes, lead concentrations in the August 2000 samples were significantly less than the maximum concentration. Based on the August 2000 samples, it appears that the reported result for F-SS139-4 was an anomaly and that it is unlikely that lead is present at the concentration reported for F-SS139-4. Therefore, this sample was excluded from the data set. After accounting for a removal action that occurred at Site 139 (PICA 108) in 2004 (Shaw 2005d), the new maximum lead concentration in surface soil was determined to be 835 mg/kg. This is lower than the recalculated PRG of 1,092 mg/kg for the industrial worker.

The average combined surface and subsurface soil lead concentration of 1,397 mg/kg was also driven primarily by the maximum lead concentration of 24,000 mg/kg reported for sample F-SS139-4. As discussed above, this concentration appeared to be an anomaly and was eliminated from the data set. Using the remaining data for surface soil, and accounting for the removal action that occurred (Shaw 2005d), a new maximum concentration for combined surface/subsurface soil was determined to be 835 mg/kg. This maximum concentration is below the revised PRG of 957 mg/kg calculated for the construction worker. Thus, the average concentrations are certainly less than the PRGs, indicating that there are no unacceptable risks associated with exposure to lead in soil at Site 139 (PICA 108).

Summary of Lead Concentrations Around Sample F-SS139-4

Soil Sample	Lead Concentration (mg/kg)	Proximity to F-SS139-4
F-SS139-4	24,000	—
F-139-SS-016	416	Co-located with F-SS139-4
F-139-SS-015	316	ca. 10 ft to the west of F-SS139-4
F-139-SS-014	415	ca. 10 ft to the south of F-SS139-4
F-139-SS-013	326	ca. 10 ft to the east of F-SS139-4
F-139-SS-012	835	ca. 10 ft to the north of F-SS139-4

Site 115 (PICA 175)

The lead concentration of 1,030 mg/kg in subsurface soil, which was used to determine potential hazards due to lead, exceeds the revised PRG of 957 mg/kg for construction workers. However, this concentration is based on a single subsurface soil sample (Sample ID 115SB-1B) that was collected at a depth of 9.5 to 10 feet. Further evaluation of lead data from this site indicates that a total of 37 samples (1 subsurface and 36 surface samples) have been collected at this Site and analyzed for lead. When the sample results from all of these samples are combined and averaged, as is appropriate considering that excavation activities would result in the mixing of surface and subsurface soils, the average concentrations for total soil is 604 mg/kg. This is well below the PRG of 957 mg/g for this scenario, indicating that there are no unacceptable risks to construction workers associated with exposure to lead at this Site.

Human Health Risk Assessment Summary and Conclusions

Risk assessment results were reviewed and verified for the PICA 011 Group of Sites where potentially unacceptable cancer risks and/or noncancer hazards were identified for industrial workers and/or construction workers. The purpose of this review was to identify the exposure pathways and chemicals of concern driving the potential risks in an effort to assist in the selection of the most appropriate remedial action for each site. In addition, sites with potential risks associated with industrial worker and construction worker exposure to lead in soil were also reviewed.

The 15 sites where the industrial worker and/or construction worker cumulative cancer risk exceeded 1 E-04 or the cumulative noncancer hazard index was greater than 1, due to chemical constituents other than lead, were reviewed. Dermal contact with soil accounted for the majority of the cumulative risk and/or hazard at several sites. However, it is uncharacteristic that dermal absorption would drive a majority of exposure compared to the exposure due to direct ingestion of soil. In addition, dermal absorption of chemicals in soil is not a major exposure pathway for indoor industrial workers per USEPA (2002a) guidance. Therefore, the parameters used to calculate dermal cancer risks and noncancer hazards were re-evaluated, and one parameter was revised to reflect current USEPA (2004) guidance. The cumulative cancer risk and noncancer hazard index was re-calculated at each site where unacceptable risks and/or hazards were identified using the revised dermal absorption parameter.

The revised results indicate that unacceptable cancer risks associated with industrial worker exposure to soil was present at only one site—Site 131 (PICA 091). The revised noncancer hazard index was greater than 1 for an industrial worker at Site 122 (PICA 011) and Site 118 (PICA 097), and for a construction worker at Site 122 (PICA 011), Site 118 (PICA 097), and Site 138 (PICA 108). Finally, unacceptable cancer risks at Site 82 (PICA 135) were associated with industrial worker exposure to radionuclides. At Site 82, none of the sample data exceed the RBCGs; therefore, no active remedy is recommended.

For lead, the PRGs for industrial workers and construction workers were recalculated to be 1,092 mg/kg and 957 mg/kg, respectively. These values were recalculated based on current USEPA guidance and are recommended for use in making remedial decisions for lead in soil. The average lead concentrations at Site 102 (PICA 075), Site 118 (PICA 097), Site 111 (PICA 108), Site 209 (Building 303), and Site 209 (Building 430), which had exceeded the previously calculated PRG range, were less than the relevant, revised PRGs. Therefore, no further evaluation of these sites is necessary.

The average lead concentration in surface soil and in combined surface and subsurface soil at Site 139 (PICA 108) was greater than the relevant, revised PRGs. For this reason, the lead results for Site 139 (PICA 108) were evaluated and recent removal actions were reviewed to determine if unacceptable potential risks are still present. It was discovered that lead in one sample was significantly greater than the rest of the samples and it was responsible for elevating the average lead concentration. However, sampling results at and around this location failed to produce similar results. Consequently, it was concluded that it is likely that the maximum concentration is an anomaly and this sample result was excluded from the data set. After removal of that sample result and accounting for a recent removal action at that site, the revised maximum lead concentration was below the revised PRG. These results indicate that there are no unacceptable risks associated with exposure to lead in soil at Site 139 (PICA 108).

The single subsurface soil lead concentration at Site 115 (PICA 175) exceeded the revised PRG for construction workers. However, when this sample was averaged with the 36 surface soil samples to derive an average concentration for total soil, the result was an average concentration of 604 mg/kg. This

is well below the revised PRG of 957 mg/kg for the construction worker, indicating that there are no unacceptable risks associated with exposure to lead in soil at Site 115 (PICA 175).

ECOLOGICAL RISK ASSESSMENT

Table 4 provides a summary of the evaluation of ecological risks at the Group 11 sites. The majority of the sites evaluated in Group 011 were eliminated from consideration in the ecological risk assessments based on the lack of suitable habitat. Of those evaluated, most were found to pose minimal risk to ecological receptors. However, five sites were determined to require further evaluation (Table 5). A summary of each of these sites is provided below.

Site 2 – Buildings 3500 through 3551

Site 2 was owned by the Department of the Army and was leased to the Naval Air Rocket Test Station (NARTS) division of the Navy which entered into a sublease agreement with the Reaction Motors Division (RMD) of Thiokol Chemical Company from 1947 to 1968. RMD tested and evaluated rocket engines and their related components at Site 2. Surface runoff from Site 2 most likely discharges to Stillwell Pond, the G-2 Swamp or a small stream to that north and ultimately to the G-2 Pond. Soil, surface water and sediment were evaluated as part of the ecological risk investigation (IT Corp. 2000); however, the surface water and sediment media are not included in the P011 LUC FS, and are not discussed herein.

To investigate risks to terrestrial species, an earthworm bioassay was conducted on site soils (IT Corp. 2000). The bioassay indicated a significant decrease in survival compared to reference or control samples, however it was noted that soils for the test were collected from an area that had been significantly altered, including the spreading of gravel for maintenance work. It was concluded that the observed toxicity could likely be attributed to the physical characteristics of the soil rather than the presence of COCs. Potential impacts to upper trophic level species such as small mammals (white-footed mouse *Peromyscus leucopus*), worm-eating birds (woodcock, *Scolopax minor*), and carnivorous birds (barred owl, *Strix varia*) were also evaluated by calculating Environmental Effects Quotients (EEQs) for each species through a food web exposure model (IT Corp. 2000). The EEQs represent the ratio of potential exposure concentrations to toxicological benchmarks. An EEQ value less than 1 indicates that the potential for risk is minimal. The calculated EEQs were less than 1 for all chemicals with the exception of the arsenic and aluminum EEQ for the white-footed mouse, which were slightly elevated. Based on these results, it was determined that risks to terrestrial receptors were minimal and did require further evaluation at this site (IT Corp. 2000; Shaw 2005h).

Site 64—Building 241, Explosives Press Loading and Disassembly Facility

The majority of the Building 241 Site is occupied by buildings and paved areas. However, there is a forested area behind the site that is contiguous with Site 131 (Shaw 2005f). Therefore, the terrestrial portion of the site was evaluated in conjunction with Site 131. In addition, there is potential for runoff into Bear Swamp Brook. As a result, surface water and sediment were evaluated as part of that investigation (IT Corp. 2000; Shaw 2005f); however, the surface water and sediment for Bear Swamp Brook have been addressed through the Final Record of Decision, Green Pond Brook/Bear Swamp Brook (Shaw 2004).

To investigate risks to terrestrial species, an earthworm bioassay was conducted on site soils that had elevated PAH, arsenic, and beryllium concentrations (IT Corp. 2000). The bioassay indicated no significant difference in survival compared to reference or control samples. Potential impacts to upper trophic level species such as small mammals (white-footed mouse *Peromyscus leucopus*), worm-eating birds (woodcock, *Scolopax minor*), and carnivorous birds (barred owl, *Strix varia*) were also evaluated by calculating Environmental Effects Quotients (EEQs) for each species through a food web exposure model (IT Corp. 2000). The EEQs represent the ratio of potential exposure concentrations to toxicological benchmarks. An EEQ value less than 1 indicates that the potential for risk is minimal. The calculated EEQs were less than 1 for all chemicals with the exception of the arsenic EEQ for the white-footed mouse, which was slightly elevated. Based on these results, it was determined that risks to terrestrial receptors were minimal and did not require further evaluation (Shaw 2005f).

Site 62—Building 210, Hazardous Waste

Historically, wastes at Building 210 were disposed of in a utility sink, through a sump pump in the basement, and through floor drains. In addition, the basement periodically flooded and may have discharged contaminated water into Bear Swamp Brook (Shaw 2005f). There is limited terrestrial habitat associated with Site 62, largely consisting of mowed areas with little vegetative cover. Therefore, it was assumed that risks to terrestrial receptors would be minimal. However, because of potential discharges, sediment and surface water were evaluated as part of the Bear Swamp Brook investigation described for Site 64 (Shaw 2005f). Surface water and sediment for Bear Swamp Brook have been addressed through the Final Record of Decision, Green Pond Brook/Bear Swamp Brook (Shaw 2004).

Site 100—Building 276, Explosives Loading Facility

Unauthorized dumping likely occurred in the vicinity of Building 276 (Shaw 2005f). The area around the building has largely reverted to its natural condition and is contiguous with a forested area. In addition, there is a portion of the site that is included within Bear Swamp. Therefore, risks to terrestrial receptors including small mammals (white-footed mouse), worm-eating birds (woodcock), and carnivorous birds (barred owl) were evaluated. In addition, sediment and surface water were evaluated as part of the Bear

Swamp and Bear Swamp Brook assessment described for Site 64 (Shaw 2005f), and are addressed through the Final Record of Decision, Green Pond Brook/Bear Swamp Brook (Shaw 2004)..

With respect to the terrestrial receptors, a food web exposure model was conducted to develop EEQs as described for Site 64 (IT Corp. 2000). The EEQs for all species were below 1 with the exception of the EEQ for arsenic for the white-footed mouse. Based on these results, it was concluded that there were minimal risks to terrestrial species and no further evaluation was recommended (Shaw 2005f).

Site 128—Buildings 235, Explosives Production and Pressing Facility

Building 235 was constructed in 1918 as an explosives production facility, involving powder mixing, unit density measurements, and pack out activities. Explosive melt cast operations also occurred there. Wastewater from production operations were discharged via a trough to a safety box which flowed into a tributary of Bear Swamp Brook. The Site is surrounded by a potentially sensitive area, which along with the tributary provides habitat for both terrestrial and wetland/aquatic species (Shaw 2005f).

With respect to the terrestrial receptors, a food web exposure model was conducted to develop EEQs as described for Site 64 (IT Corp. 2000). The EEQs for all species were below 1 with the exception of the EEQ for arsenic for the white-footed mouse. Based on these results, it was concluded that there were minimal risks to terrestrial species and no further evaluation was recommended (Shaw 2005f).

Risks to benthic invertebrates within the tributary were evaluated by comparing measured sediment concentrations to available sediment toxicity reference values (TRVs) (IT Corp. 2000). TRVs represent concentrations at which effects are not expected; therefore, the ratio of measured concentrations to these values is equivalent to the EEQ for the food web exposure model. Based on this assessment, mercury was identified as the primary risk driver, with an EEQ of 133. However, it was noted that the surface water in the tributary is intermittent in nature and thus may not support a significant benthic population year-round. As a result, persistent populations of benthic receptors were not expected based on habitat constraints and actual risks may have been less than predicted (Shaw 2005f).

Ecological Risk Assessment Summary and Conclusions

In general, ecological risks at the site were determined to be limited based on lack of suitable habitat. Those sites where risks were identified were associated with Bear Swamp Brook, which is addressed through the Final Record of Decision, Green Pond Brook/Bear Swamp Brook (Shaw 2004). For the Swamp and the tributaries, it was noted that the areas potentially posing a risk to benthic and aquatic species are only wet intermittently and likely do not support a significant population due to habitat constraints and no further evaluation was recommended.

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Table 1
Summary of Unacceptable Potential Risks
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

Site # (PICA#) - Site Name	Receptor	Potential Risk/Hazard	Reference
Site 1 (PICA 008) - Naval Air Rocket Test Station, Test Area G	Construction Worker	[PB] = 470 mg/kg	IT Corporation, 2001a
Site 122 (PICA 011) - Bldg 60, Satellite Waste Accumulation Area	Industrial Worker Construction Worker	Risk = 2E-4; HI = 8 HI = 40	Dames & Moore, 1998
Site 29 (PICA 071) and Site 45 (PICA 084) - Drum Storage Area (Bldg 31 Yard) and Vehicle Maintenance (Bldg 33)	Industrial Worker	Risk = 2E-4	IT Corporation, 2001b
Site 102 (PICA 075) - Former Enlisted Mens Barracks (Bldg 3050)	Industrial Worker	Risk = 7E-4; [Pb] = 849 mg/kg	Shaw, 2005a
Site 188 (PICA 075) - Former Coal Storage Area (Bldg 3173)	Industrial Worker	Risk = 3E-4	Shaw, 2005b
Site 55 (PICA 091) - Bldgs in 200-Area (Bldgs 221, 223, and 225)	Industrial Worker	HI = 5	Shaw, 2005f
Site 100 (PICA 091) - Explosive Loading Facility (Bldg 276)	Industrial Worker	Risk = 2E-4	Shaw, 2005f
Site 131 (PICA 091) - Former Ordnance Manufacturing (Bldg 266)	Industrial Worker	Risk = 5E-4; HI = 3	Shaw, 2005f
Site 118 (PICA 097) - Building 41, Pesticide Storage and Former Oil/Water	Industrial Worker Construction Worker	HI = 10 HI = 90; [Pb] = 273 mg/kg	Dames & Moore, 1998 and Shaw, 2005c
Site 111 (PICA 108) - Buildings 454 and 455, Propellant Bag Filling	Construction Worker	[Pb] = 182 mg/kg	Dames & Moore, 1998 and Shaw, 2005d
Site 138 (PICA 108) - Bldgs 404, 407, and 408, Chemical Lab and Propellant Plants	Construction Worker	HI = 6	Dames & Moore, 1998 and Shaw, 2005c
Site 139 (PICA 108) - Buildings in 400/300 Area	Industrial Worker Construction Worker	[Pb] = 1543 mg/kg HI = 3; [Pb] = 1397 mg/kg	Dames & Moore, 1998 and Shaw, 2005d
Site 126 (PICA 122) - Building 197, Propellant Testing	Construction Worker	HI = 4	Dames & Moore, 1998 and Shaw, 2005c
Site 30 (PICA 134) - Building 3045, Fluorochemicals Storage	Industrial Worker	Risk = 4E-4	Shaw, 2005a
Site 82 (PICA 135) - XRAY Photoprocessing Lab (Bldg 908)	Industrial Worker	Risk = 5E-4	Shaw, 2005a
Site 79 (PICA 136) - Building 3013, High Pressure Boiler	Industrial Worker	Risk = 2E-4	Shaw, 2005a
Site 115 (PICA 175) - Ordnance Bldgs in 600 Area	Construction Worker	[Pb] = 1030 mg/kg	Shaw, 2005b
PICA 209 (Bldg 167)	Industrial Worker	Risk = 4E-4	Shaw, 2005c
PICA 209 (Bldg 303)	Industrial Worker Construction Worker	[Pb] = 984 mg/kg HI = 2; [Pb] = 371 mg/kg	Shaw, 2005c
PICA 209 (Bldg 430)	Industrial Worker Construction Worker	[Pb] = 965 mg/kg [Pb] = 398 mg/kg	Shaw, 2005c

Risk = Excess lifetime cancer risk
HI = Noncancer hazard index
[Pb] = Average lead concentration in mg/kg

Table 2
Evaluation of Dermal and Cumulative Cancer Risks
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

Site # (PICA#) - Site Name	Industrial Worker Cancer Risk				
	Previous Dermal Cancer Risk[(a)]	Previous Cumulative Cancer Risk	Revised Dermal Cancer Risk[(b)]	Revised Cumulative Cancer Risk	Primary Risk Drivers[(c)]
Site 122 (PICA 011) - Bldg 60, Satellite Waste Accumulation Area	7E-05	2E-04	5E-06	1E-04	--
Site 29 (PICA 071) and Site 45 (PICA 084) - Drum Storage Area (Bldg 31 Yard) and Vehicle Maintenance (Bldg 33)	2E-04	2E-04	1E-05	3E-05	--
Site 102 (PICA 075) - Former Enlisted Mens Barracks (Bldg 3050)	6E-04	7E-04	4E-05	1E-04	--
Site 188 (PICA 075) - Former Coal Storage Area (Bldg 3173)	3E-04	3E-04	2E-05	6E-05	--
Site 100 (PICA 091) - Explosive Loading Facility (Bldg 276)	2E-04	2E-04	1E-05	3E-05	--
Site 131 (PICA 091) - Former Ordnance Manufacturing (Bldg 266)	3E-04	5E-04	2E-05	2E-04	Arsenic
Site 30 (PICA 134) - Building 3045, Fluorochemicals Storage	3E-04	4E-04	2E-05	8E-05	--
Site 79 (PICA 136) - Building 3013, High Pressure Boiler	2E-04	2E-04	1E-05	4E-05	--
PICA 209 (Bldg 167)	4E-04	4E-04	3E-05	4E-05	--
Site # (PICA#) - Site Name	Industrial Worker Noncancer Hazard				
	Previous Dermal Noncancer Hazard[(a)]	Previous Cumulative Noncancer Hazard	Revised Dermal Noncancer Hazard[(b)]	Revised Cumulative Noncancer Hazard	Primary Risk Drivers[(c)]
Site 122 (PICA 011) - Bldg 60, Satellite Waste Accumulation Area	0.09	8	0.006	8	Manganese
Site 55 (PICA 091) - Bldgs in 200-Area (Bldgs 221, 223, and 225)	5	5	0.3	0.8	--
Site 131 (PICA 091) - Former Ordnance Manufacturing (Bldg 266)	2	3	0.1	0.9	--
Site 118 (PICA 097) - Building 41, Pesticide Storage and Former Oil/Water Separator	NA	10	NA	10	Thallium and manganese
Site # (PICA#) - Site Name	Construction Worker Noncancer Hazard				
	Previous Dermal Noncancer Hazard[(a)]	Previous Cumulative Noncancer Hazard	Revised Dermal Noncancer Hazard[(d)]	Revised Cumulative Noncancer Hazard	Primary Risk Drivers[(c)]
Site 122 (PICA 011) - Bldg 60, Satellite Waste Accumulation Area	0.3	40	0.09	40	Manganese
Site 118 (PICA 097) - Building 41, Pesticide Storage and Former Oil/Water Separator	NA	90	NA	90	Thallium and manganese
Site 138 (PICA 108) - Bldgs 404, 407, and 408, Chemical Lab and Propellant Plants	0.02	6	0.006	6	Manganese
Site 139 (PICA 108) - Buildings in 400/300 Area	NA	3	NA	3[(e)]	--
Site 126 (PICA 122) - Building 197, Propellant Testing	3	4	0.9	2[(e)]	--
PICA 209 (Bldg 303)	0.6	2	0.2	1	--

NA = Not applicable due to lack of toxicity criteria at the time of the risk assessment

(a) Cancer risks/noncancer hazard calculated using a soil-to-skin adherence factor of 1 mg/cm^2-event.

(b) Cancer risks/noncancer hazard calculated using a soil-to-skin adherence factor of 0.07 mg/cm^2-event for an indoor industrial worker.

(c) Primary risk drivers are presented when the revised cancer risk is greater than the target risk range of 10^{-4} to 10^{-6} or the revised noncancer hazard index is greater than 1.

(d) Cancer risks/noncancer hazard calculated using a soil-to-skin adherence factor of 0.3 mg/cm^2-event for a construction worker.

(e) The HI for each target organ/effect is less than or equal to one, indicating adverse noncancer effects are unlikely.

Table 3
Calculation of Risk-Based Cleanup Goals for Primary Chemical Risk Drivers
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

Site # (PICA#) - Site Name	Industrial Worker Cancer Risk						
	Revised Cumulative Cancer Risk	Primary Risk Drivers	EPC (mg/kg)	Risk Due to Risk Driver	RBCG (mg/kg)[1]	LOC (mg/kg)	Final RBCG[3] (mg/kg)
Site 131 (PICA 091) - Former Ordnance Manufacturing (Bldg 266)	2E-04	Arsenic	490	1E-04	3.3	19	19
Site 82 (PICA 135) - XRAY Photoprocessing Lab (Bldg 908)	5E-04	Radium-226(+D)	3.9 pCi/g	2E-04	0.022 pCi/g	5	5
		Radium-228(+D)	4.5 pCi/g	1E-04	0.042 pCi/g	5	5
		Thorium-228(+D)	NA	NA	NA[2]	NA	NA
Site # (PICA#) - Site Name	Industrial Worker Noncancer Hazard						
	Revised Cumulative Noncancer Hazard	Primary Risk Drivers	EPC (mg/kg)	Hazard Due to Risk Driver	RBCG (mg/kg)[1]	LOC (mg/kg)	Final RBCG[3] (mg/kg)
Site 122 (PICA 011) - Bldg 60, Satellite Waste Accumulation Area	8	Manganese	15000	8	2000	5900	5900
Site 118 (PICA 097) - Building 41, Pesticide Storage and Former Oil/Water Separator	10	Thallium	590	4	160	79	160
		Manganese	13000	7	2000	5900	5900
Site # (PICA#) - Site Name	Construction Worker Noncancer Hazard						
	Revised Cumulative Noncancer Hazard	Primary Risk Drivers	EPC (mg/kg)	Hazard Due to Risk Driver	RBCG (mg/kg)[1]	LOC (mg/kg)	Final RBCG[3] (mg/kg)
Site 122 (PICA 011) - Bldg 60, Satellite Waste Accumulation Area	40	Manganese	6800	45	150	5900	5900
Site 118 (PICA 097) - Building 41, Pesticide Storage and Former Oil/Water Separator	90	Thallium	590	3	230	79	230
		Manganese	13000	86	150	5900	5900
Site 138 (PICA 108) - Bldgs 404, 407, and 408, Chemical Lab and Propellant Plants	6	Manganese	900	6	150	5900	5900

EPC = Exposure point concentration
pCi/g = Picocuries per gram
RBCG = Risk-based cleanup goal

(1) RBCG based on a target cancer risk of 10^{-6} or a target HI of 1.
(2) A RBCG was not calculated for thorium-228 (+D) because it is a daughter product of radium-228 and, therefore, it will be addressed concurrently with radium-228.
(3) Final RBCG is based on the RBCG or the LOC, whichever is higher.

Table 4
Summary of Ecological Risk Assessments
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

PICA/Minor PICA	Site	Name	Media	Conclusions	Reference
Sites Not Evaluated in the Ecological Risk Assessment					
108/210	210	Building 321	Soil	The majority of the 0.6 acre site is paved and surrounded on three sides by roads, resulting in a lack of suitable habitat. In addition, interim removal actions at the site to address zinc levels have limited potential for exposure. Therefore, no ERA was conducted.	PTA.017.0124B
175	151	Building 600	Soil	Due to the small size (0.5 acres), low on-site habitat value, and continued use as a debris storage area, this site was not evaluated in the ERA.	PTA.T005.008C
97	118	Building 41, Pesticide Storage and Fomer Oil/Water Separator	Soil	Site less than 0.1 acre in size, predominantly mowed and maintained vegegation which offers little habitat; no ERA conducted	PTA.017.0129B
108/138	90	Electromagnetic Gun Test Shed	Soil	Little to no suitable habitat, therefore, site not evaluated in ERA	PTA.T005.008C
108/147	137	Administrative Building	Soil	Limited habitat. No ERA conducted due to urban nature of the site.	PTA.T005.008C
108/104	111	Buildings 454 and 455	soil	Based on the limited area of contamination and the lack of habitat, an ecological risk assessment was not warranted.	PTA.017.0124B
209	209	Building 167, High Explosives Preparation and Testing Laboratory	Soil	Site is very small (0.1 acres) and located in very high use area, therefore, exposures are expected to be minimal and no ERA conducted.	PTA.017.0124B
209	209	Former Building 426	soil	Site is very small (0.1 acres) and located in very high use area, therefore, exposures are expected to be minimal and no ERA conducted.	PTA.T005.008C
209	209	Building 303, locomotive house	soil	Site is located in very high use area, therefore, exposures are expected to be minimal and no ERA conducted.	PTA.017.0124B
134	70	Bldg 3028 & 3029	Soil	Limited available on-site habitat consists of mowed lawns. Data from the site represents areas adjacent to buildings, the parking lot or rubble. Lack of suitable habitat limits potential for exposure therefore site not evaluated in ERA.	PTA.T005.008C
135	71	General Purpose Laboratory	Soil	Site adjacent to Picatinny Lake, but limited habitat quality. Site considered too small to elicit foodchain effects, therefore not evaluated in ERA.	PTA.T005.008C
75/86	47	Building 3005 & 3006	Soil	Limited suitable on-site habitat, therefore, site not evaluated in ERA	PTA.T005.008C
13	78	Building 91, Optics Prototype Facility	Soil, sediment	Elevated soil concentrations restricted to very small area immediately adjacent to buildings in area that is predominantly paved or mowed and maintained grass offering little habitat. Similarly, elevated sediment concentrations are in drainage canals providing no signficant aquatic habitat. No evidence of adverse impacts to ecological communities downstream has been observed. Therefore, no ERA was conducted	PTA.TO17.0091B
175	152	Buildings 604 and 604C	Soil, Sediment	No chemicals detected in soils. Possible release to sediments of Bear Swamp Brook, but impacted area addressed in an earlier FS, therefore, no further evaluation required.	PTA.017.0124B
175	153	Building 606	soil	Site consists of mowed areas and buildings, therefore, limited suitable available habitat and ecological exposures are assumed to be minimal. Based on the limited contamination, small size, and level of industrialization, no ERA was recommended.	PTA.017.0124B
91	55	Explosives Inspection Facility	soil	Site 55 is a non-forested area with little suitable habitat. Most Site 55 samples collected close to buildings in areas with large boulders. As a result, food chain effects are unlikely and no ERA was conducted.	PTA.T005.008C PTA.T017.0060Q
91/127	127	Building 230	Soil	Limited site habitat. Most samples from mowed areas surrounded by buildings and pavement. Little cover available. Food chain effects unlikely and not evaluated in the ERA.	PTA.T005.008C
91/128	128	Building 236	Soil	No samples collected near building, so no ERA conducted	PTA.T005.008C

Table 4
Summary of Ecological Risk Assessments
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

PICA/Minor PICA	Site	Name	Media	Conclusions	Reference
91/129	129	Building 240	Soil	Due to small size and urban nature of site, not evaluated in ERA	PTA.T005.008C
91/130	130	Building 252	Soil	Site habitat is of limited quality, therefore, not evaluated in ERA	PTA.T005.008C
200	200	Solvent Storage Facility, Building 1038	Soil	Significant exposure by wildlife unlikely because of low level of contaminants and size of the site (0.1 acre). Therefore, no BERA conducted.	PTA.017.0124B
200	200	Building 1030, Acid Tank Farm	Soil	This area was evaluated as part of the Area L ecological risk investigation. Food chain modeling results for Area L indicated limited potential risks, however, field studies showed no evidence of impact on local populations. Based on the overall weight of evidence, it was concluded that there were no significant effects on the local ecological populations.	PTA.017.0124B
200	200	Assembly and Packing Building 1090	Soil	No COPC detected, therefore, no BERA conducted.	PTA.017.0124B
200	200	Buildings 1415 & 1414, 1414A propellent dry houses	Soil	Significant exposure by wildlife unlikely because of low level of contaminants and size of the site (0.1 acre). Therefore, no BERA conducted.	PTA.017.0124B
200	200	Building 1437, cast propellent plant	Soil	Significant exposure by wildlife unlikely because of low level of contaminants and size of the site (0.1 acre). Therefore, no BERA conducted.	PTA.017.0124B
134/012	83	Building 3022	Soil	On-site habitat is mowed. Soil samples collected adjacent to buildings, parking lot or transformer; therefore site not evaluated in ERA.	PTA.T005.008C
135/158	158	Building 926	Soil, sediment, surface water	Due to small size and low quality of habitat, soil not evaluated in ERA. Sediment and surface water evaluated as part of Pictinny Lake.	PTA.T005.008C
136	79	Building 3013	Soil	Limited habitat, primarily mowed. Not evaluated in ERA	PTA.T005.008C

Table 4
Summary of Ecological Risk Assessments
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

PICA/Minor PICA	Site	Name	Media	Conclusions	Reference
Sites Determined to Pose Minimal Risk					
71	29 and 45	Building 31 and 33 Sites	Soil	Buildings 31 & 33 Site is relatively industrialized with habitat consisiting mostly of paved area around existing buildings and limitied grassy areas. Because of the limited size and low quality habitat, determined unlikely to have significant ecological impacts.	OTHFW.0014B OTHFW.0022B
75	36	Building 3100	Soil	Small site (less than 0.4 acres) evaluated as part of Northern Area L. Based on the analyses, it was concluded that althought the food web modeling indicated potential risks, the overall weight of evidence indicates no significant effects on ecological population.	PTA.017.0124B
108	140	Buildings 427 and 427B	Soil, sediment	Site not included in ERA because of limited habitat. Based on comparison with nearby sites, elevated lead concentrations associated with sediments in two concrete ditches pose the only potential risk to ecological receptors. These ditches do not represent significant suitable habitat for species of concern, therefore, it was concluded that risks to populations would be minimal.	PTA.TO17.0015B
209	209	Building 462A, General Purpose Magazine	Soil	Site is small (0.1 acres). There is a drainage ditch, but the intermittent nature does not provide suitable habitat for aquatic rectpors. Bioassays indicate no toxicity to soil invertebrates. In addition, sediment and surface water downstream were evaluated as part of Green Pond Brook evaluation. Though there is suitable woody habitat for terrestrial exposures, removal of sediment from sumps has eliminated potental exposure pathways. No further ERA recommended.	PTA.017.0124B
		Building 430, Propellent Systems Facility	Soil	Site is small (0.0.25 acres). There is a drainage ditch, but the intermittent nature does not provide suitable habitat for aquatic rectpors. Bioassays indicate no toxicity to soil invertebrates. In addition, sediment and surface water evaluated as part of Green Pond Brook evaluation. Though there is suitable woody habitat for terrestrial exposures, removal of lead from surface soil behind Building 430 has eliminated potential terrestrial exposure pathways. No further ERA recommended.	PTA.017.0124B
8	1	Naval Air Rocket Test Station	Soil	Soil bioassay and foodchain modeling suggest that there is little potential risk to mammalian and avian species.	PTA.T005.008C PTA.TO17.0063E
8	4	3600 Series Buildings	Soil, sediment, surface water	Little potential risk to mammalian and avian species based on foodchain analyses. Aquatic bioassays indicated potential impacts relative to control, however, growth and survival comparable to reference. Overall weight of evidence indicates no significant effects on ecological populations.	PTA.T005.008C PTA.TO17.0063E
175	115	Building 611, Ammunition Testing Facility	Soil	Elevated HQs, but because actual exposure area is so small, determined that risk was insignificant	PTA.017.0124B
131	131	Building 266	Soil	Modeled risk and results of soil bioassay indicate minimal risk to terrestrial receptors	PTA.T005.008C PTA.T017.0060Q
50	3	Former Ract MTrs/Rocket Fuel Test A 1500 (Area 1500 Buildings)	Soil, sediment, surface water	Aquatic bioassays indicated impacts, however, only minor effects noted in benthic surveys. Overall, concluded no significant impacts to ecological populations	PTA.T005.008C PTA.T017.0055G
122	126	Building 197, Propellant testing	Soil	Overall site is small (0.1 acre) and the affected area is very small (0.03 acres) making the liklihood of signficant exposure small. In addition, small mamal studies and earthworm bioassays conducted in the area indicated no impact.	PTA.017.0124B

Table 4
Summary of Ecological Risk Assessments
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

PICA/Minor PICA	Site	Name	Media	Conclusions	Reference
200	200	Wastewater Incinerator Building, Building 1037	Soil	Based on relatively low concentrations of COCs in soil and the small size of the site, risks to terrestrial receptors were concluded to be minimal. Risks to aquatic receptors were evaluated as part of Robinson Run. Based on multimetric approach (New Jersey Impairment Score [NJIS]) benthic communities not at significant risk.	PTA.017.0124B
91/132	132	Building 271	Soil	Little potential risk to mammalian and avian species based on foodchain analyses	PTA.T005.008C PTA.T017.0060Q
135	159	Building 975	soil, sediments	Sediment bioassays exibited significant toxicity, however, the benthic survey indicated that habitat quality was equal to or better than upstream reference areas. Little risk to mammalian or avian species based on foodchain modeling of soil exposures.	PTA.T005.008C PTA.TO17.0060K
175	154	Buildings 617 & 617G, Field Office and Disassembly Facility	Soil	Elevated HQs, but because actual exposure area is so small, determined that risk was insignificant	PTA.017.0124B
134	30	Building 3045	Soil	Minimal risk to terrestrial species based on foodchain modeling	PTA.T005.008C PTA.TO17.0060K
91/125	98	Building 268	Soil	Little potential risk to mammalian and avian species based on foodchain analyses.	PTA.T005.008C PTA.T017.0060Q
108	138	Buildings 404, 407, 408, Chemical Lab Propellant Plants	Soil, surface water, sediments	Food web modeling indicated potential risks, but overall weight of evidence indicates no significant effects on ecological population	PTA.017.0124B
108	139	Building 424	Soil, surface water marsh	Food web modeling indicated potential risks, but overall weight of evidence indicates no significant effects on ecological population	PTA.017.0124B
137	82	Building 908, X-ray Photo Processing Laboratory	Soil, sediment	Soil bioassays showed no significant difference in toxicity between the site and the reference and control samples. Risks to aquatic receptors evaluated as part of Picatinny Lake assessment.	PTA.T005.008C PTA.T017.0060L
162	5	Shell Burial Area Near Building 3150	Soil	Sampling not possible at Area 5, therefore, results of Northern Area L studies assumed to apply. Food web modeling indicated potential risks, but overall weight of evidence indicates no significant effects on ecological population.	PTA.017.0124B
162	6	Shell Burial Area Near Building 3100	Soil	Sampling not possible at Area 6, therefore, results of Northern Area L studies assumed to apply. Food web modeling indicated potential risks, but overall weight of evidence indicates no significant effects on ecological population.	PTA.017.0124B
75	102	Building 3050	Soil	Soil bioassay and foodchain modeling suggest that there is little potential risk to mammalian and avian species.	PTA.T005.008C PTA.TO17.0060K
75	188	Former Coal Stoage Area, Building 3173	Soil, sediment, surface water	Food web modeling indicated potential risks, but overall weight of evidence indicates no significant effects on ecological population	PTA.017.0124B

Table 4
Summary of Ecological Risk Assessments
PICA 011 Group of Sites
Picatinny Arsenal, New Jersey

PICA/Minor PICA	Site	Name	Media	Conclusions	Reference
Sites Requiring Further Evaluation in the Feasibility Study					
8	2	Buildings 3500 through 3551	Soil, sediment, surface water	Little potential risk to mammalian and avian species based on foodchain analyses. Aquatic bioassays indicated potential impacts relative to control, however, growth and survival comparable to reference. Sediment bioassays indicated potential impacts relative to reference and control, therefore, site-specific Potential Effect Levels (PELs) developed for consideration in the FS.	PTA.T005.008C PTA.TO17.0063E
91/124	64	Building 241	Soil	Modeled risk estimates and results of soil bioassay indicate minimal risks to terrestrial species. Sediment and SW evaluated as part of Bear Swamp Brook.	PTA.T005.008C PTA.T017.0060Q
91/126	100	Building 276	Soil	Little potential risk to mammalian and avian species based on foodchain analyses. Mercury in sediment may pose a risk to benthic species.	PTA.T005.008C PTA.T017.0060Q
91/123	62	Building 210	Soil	Site not evaluated in ERA due to limited habitat. Sediment and SW evaluated as part of Bear Swamp Brook.	PTA.T005.008C PTA.T017.0060Q
91/128	128	Building 235	Soil	Food chain modeling suggested limited risk to terrestrial species. However, mercury in sediment samples indicated potential risk to benthic invertebrates. However, due to the intermittent nature of the surface water in the tributary, actual risks to benthic populations are likely lower than predicted.	PTA.T005.008C PTA.T017.0060Q

Appendix D

Engineering Assumptions for No Further Action with Monitoring of Land Use

Alternative 2 – No Further Action with Monitoring
Description:

Land Use Controls (LUC) will be implemented to minimize the exposure pathway for areas which drive the unacceptable human health risks and hazards. LUCs will consist of land use restrictions and the installation of signs prohibiting specific activities at the site.

ASSUMPTIONS:

1. There are 43 sites within the PICA 011 group.

ADMINISTRATIVE ACTIONS

1. No sign installation required.

Previous Picatinny Project

ANNUAL INSPECTION AND FIVE YEAR REVIEW

1. Annual Inspection and Reporting

Engineering Estimate

Assumptions:
- Annual inspection and report for all 43 sites = $15,000

2. Five Year Review

Assumptions:
1. Draft, Draft Final, and Final reports
2. Lump sum for all sites = $20,000

Engineering Estimate

IMPLEMENTATION COST

1. O&M Contingency: 15% of O&M Costs.

Engineering Estimate