

New Tower (“NT”) Submission Packet

FCC FORM 620

Introduction

The **NT Submission Packet** is to be completed by or on behalf of Applicants to construct new antenna support structures by or for the use of licensees of the Federal Communications Commission (“FCC”). **The Packet (including Form 620 and attachments) is to be submitted to the State Historic Preservation Office (“SHPO”) or to the Tribal Historic Preservation Office (“THPO”), as appropriate, before any construction or other installation activities on the site begin. Failure to provide the Submission Packet and complete the review process under Section 106 of the National Historic Preservation Act (“NHPA”)¹ prior to beginning construction may violate Section 110(k) of the NHPA and the Commission’s rules.**

The instructions below should be read in conjunction with, and not as a substitute for, the “Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission,” dated September 2004, (“Nationwide Agreement”) and the relevant rules of the FCC (47 C.F.R. §§ 1.1301-1.1319) and the Advisory Council on Historic Preservation (“ACHP”) (36 C.F.R. Part 800).²

Exclusions and Scope of Use

The NT Submission Packet should not be submitted for undertakings that are excluded from Section 106 Review. The categories of new tower construction that are excluded from historic preservation review under Section 106 of the NHPA are described in Section III of the Nationwide Agreement.

Where an undertaking is to be completed but no submission will be made to a SHPO or THPO due to the applicability of one or more exclusions, the Applicant should retain in its files documentation of the basis for each exclusion should a question arise as to the Applicant’s compliance with Section 106.

¹ 16 U.S.C. § 470f.

² Section II.A.9. of the Nationwide Agreement defines a “historic property” as: “Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian Organization that meet the National Register criteria.”

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation (“CO”) Submission Packet (FCC Form 621).

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant’s Name, Applicant’s Project Name, and Applicant’s Project Number in the lower right hand corner of each page of Form 620 and attachments.³

1. Applicant Information

Full Legal Name of Applicant: New York SMSA Limited Partnership d/b/a Verizon Wireless

Name and Title of Contact Person: Robert Riffel

Address of Contact Person (including Zip Code):
141 Industrial Parkway, Branchburg NJ 08876

Phone: (908) 256-7000 Fax: _____

E-mail address: Robert.Riffel@VerizonWireless.com

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm:

E 2 Project Management LLC

Name of Principal Investigator: Donna Andrews

Title of Principal Investigator: Senior Architectural Historian

Investigator’s Address: 1220 Route 46 West, Suite 222

³ Some attachments may contain photos or maps on which this information can not be provided.

Applicant’s Name: Verizon Wireless
Project Name: Picatinny Arsenal
Project Number: _____

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Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

City: Parsippany State NJ Zip Code 07054

Phone: (973) 299-5200 Fax: (973) 299-5059

E-mail Address: donna.andrews@e2pm.com

Does the Principal Investigator satisfy the Secretary of the Interior’s Professional Qualification Standards?⁴ YES NO.

Areas in which the Principal Investigator meets the Secretary of the Interior’s Professional Qualification Standards: History, Architectural History

Other “Secretary of the Interior qualified” staff who worked on the Submission Packet (provide name(s) as well as well as the area(s) in which they are qualified):
Barry Brady - Archaeology

3. Site Information

a. Street Address of Site: Fourth Avenue

City or Township: Rockaway Township

County / Parish: Morris County State: NJ Zip Code: 07806

b. Nearest Cross Roads: Fourth Avenue / Shinkle Road

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

N 40 ° 55 ’ 41 .8”; W 74 ° 34 ’ 50 .4”

⁴ The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

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d. Proposed tower height above ground level:⁵ 150 feet; 45.72 meters

e. Tower type:

guyed lattice tower self-supporting lattice monopole

other (briefly describe tower) _____

4. Project Status:⁶

a. Construction not yet commenced;

b. Construction commenced on [date] _____; or,

c. Construction commenced on [date] _____ and was completed on [date] _____.

5. Applicant’s Determination of Effect:

a. Direct Effects (check one):

i. No Historic Properties in Area of Potential Effects (“APE”) for direct effects;

ii. “No effect” on Historic Properties in APE for direct effects;

iii. “No adverse effect” on Historic Properties in APE for direct effects;

iv. “Adverse effect” on one or more Historic Properties in APE for direct effects.

b. Visual Effects (check one):

i. No Historic Properties in Area of Potential Effects (“APE”) for visual effects;

ii. “No effect” on Historic Properties in APE for visual effects;

iii. “No adverse effect” on Historic Properties in APE for visual effects;

iv. “Adverse effect” on one or more Historic Properties in APE for visual effects.

⁵ Include top-mounted attachments such as lightning rods.

⁶ Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission’s rules. See Section X of the Nationwide Agreement.

Applicant’s Name: Verizon Wireless

Project Name: Picatinny Arsenal

Project Number: _____

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3060-1039
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.5 to 10 hours

Certification and Signature

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.



03/24/08

Signature

Date

Donna Andrews

Printed Name

Senior Architectural Historian

Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/ OR FORFEITURE (U.S. Code, Title 47, Section 503).

Applicant's Name: Verizon Wireless
Project Name: Picatinny Arsenal
Project Number: _____

ieAttachment 1. Resumes/Vitae

Provide a current copy of the résumé or curriculum vitae for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in the Submission Packet for this proposed facility.

Please see attached resumes.

Applicant's Name: Verizon Wireless
Project Name: Picatinny Arsenal
Project Number: _____

Senior Architectural Historian

EDUCATION/SPECIAL TRAINING

University of Pennsylvania, Philadelphia PA
M.S. Historic Preservation, 2001

Lycoming College, Williamsport PA
B.A. History, 1999

QUALIFICATIONS

Ms. Andrews has more than five years experience completing federal, state, and local regulatory reviews for public and private undertakings. Her experience includes historic research and writing, cultural resource surveys and effects assessments, the resolution of adverse effects through Memorandum of Agreement, preservation planning, public testimony and education, architectural surveys, architectural analysis, historic structure reports, materials condition assessments, and HABS/HAER documentation. Ms. Andrews specializes in Section 106 reviews of wireless telecommunications projects and is familiar with the regulations governing such projects under 36 CFR 800, the 2001 "Nationwide Programmatic Agreement for the Collocation of Wireless Antennas," and the 2005 "Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission." Ms. Andrews has worked on wireless telecommunications projects in six states, including New York, New Jersey, Pennsylvania, Delaware, Maryland, and Iowa.

RELATED EXPERIENCE

Richard Grubb & Associates, Inc., NJ

Ms. Andrews completed federal, state, and local regulatory reviews for public and private undertakings specializing in the assessment of visual effects as a result of the construction of wireless telecommunication facilities. Ms. Andrews also assisted on a major survey project for which she provided training for interns and junior staff, surveyed properties in the field, entered survey information into a database, and provided GIS mapping and information.

The George Washington University, DC

Ms. Andrews served as a graduate teaching assistant in the American Studies program.

John Milner Architects, PA

Ms. Andrews completed a Historic Structure Report for the Shreiner Farm, Lancaster PA.

Goldman Properties, Ltd., PA

Ms. Andrews worked in the Philadelphia office of Goldman Properties, Ltd., conducting research into the history of properties owned and purchased by Goldman Properties, Ltd., managing the façade improvement grant program, assisting with tax credit applications, and managing construction projects.

LANGUAGES

- English – native language
-

Senior Archaeologist

EDUCATION/SPECIAL TRAINING

University of Pennsylvania, Philadelphia, PA
Ph.D. in Classical Archaeology, 1977

Fairfield University, Fairfield, CT
B.A. in Classics, 1970

QUALIFICATIONS

Dr. Brady has over thirty-four years of experience in the cultural resource management field. His experience includes all phases of archaeological fieldwork; cleaning, processing, and cataloging artifacts in the laboratory; historic research; completing cultural resource surveys; and assessing effects. Dr. Brady also spent nearly 24 years of his career as a Planner I at the New Jersey Pinelands Commission where he was responsible for establishing and operating all phases of the Commission's cultural resource program for the 1.1 million acre Pinelands National Reserve. Dr. Brady has a working knowledge of Section 106, State and local historic preservation/archaeological survey regulations and extensive experience reviewing such projects.

RELATED EXPERIENCE

Richard Grubb & Associates, Cranbury, NJ

Dr. Brady worked as a Senior Archaeologist from March 2006 through January 2007. He researched and authored a series of Phase IA cultural resource survey reports for purposes of compliance with Section 106 of the National Historic Preservation Act and applicable state regulations

New Jersey Pinelands Commission, New Lisbon, NJ 10/81-5/05

Dr. Brady worked as a Planner for the New Jersey Pinelands Commission from October 1981 until May of 2005. He was primarily responsible for the establishment of the Commission's cultural resources protection program. He wrote a comprehensive cultural resource management plan for the identification, evaluation and treatment of cultural resources in the Pinelands; the plan included detailed guidelines for the conduct of cultural resource surveys. Dr. Brady reviewed development applications including the proposed project's impact on archaeological properties. Dr. Brady worked with applicants to minimize adverse impacts.

City of Paterson, N.J

Dr. Brady worked as a Principal Archaeologist and Project Director from December 1978 until October 1981 for the City of Paterson, New Jersey. He began in 1978 as a staff archaeologist, responsible for historical research, design and implementation of a program of excavations, the supervision of lab procedures and preparation of reports. Later Dr. Brady was promoted to the Project Director and bore the responsibility for directing the archaeology team in all aspects of research and compliance with state and federal preservation law in the Great Falls/S.U.M. National Historic Landmark District, a 119 acre, 19th century mill district.

-
- English – native language
-

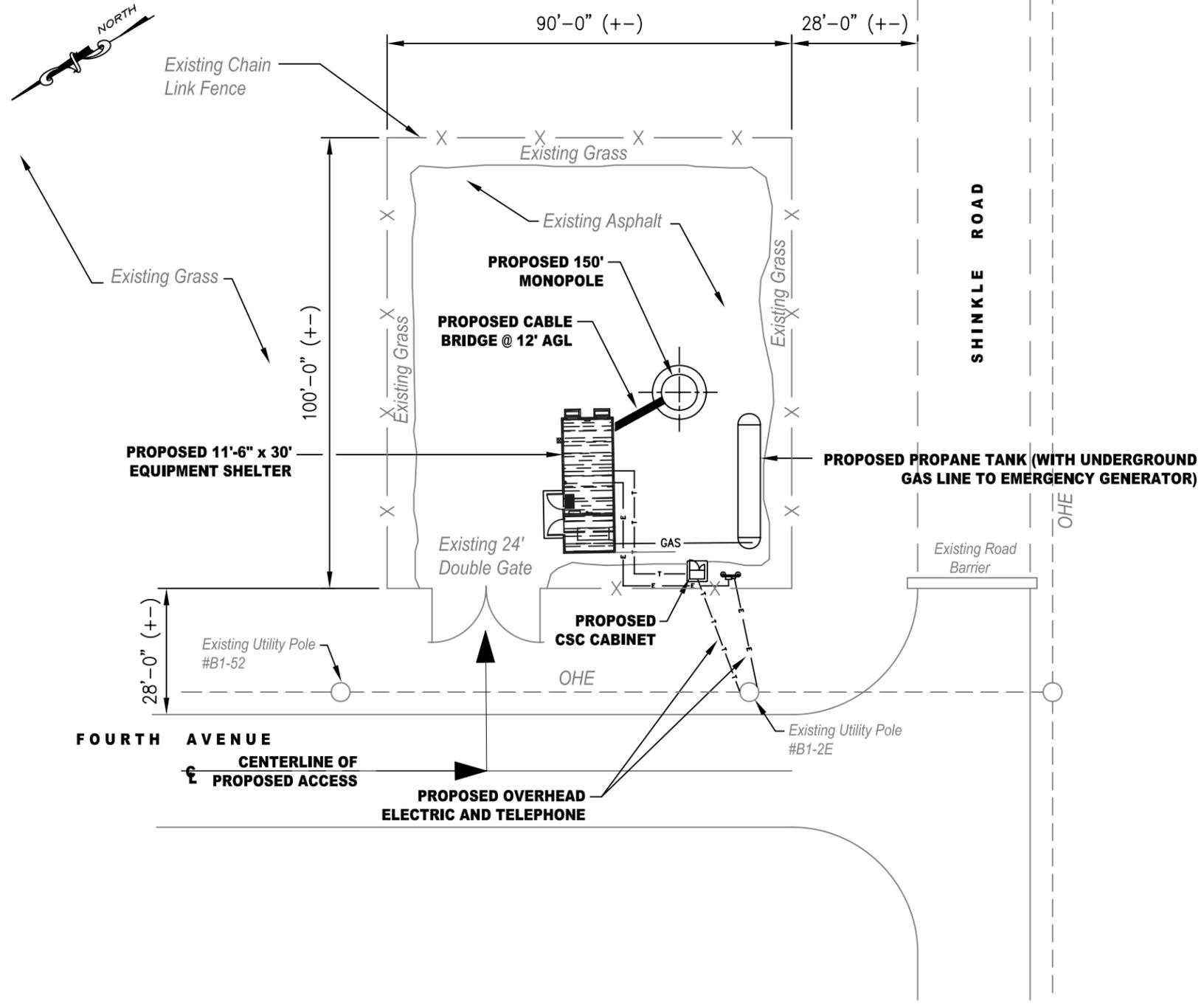
Attachment 2. Additional Site Information

Describe any additional structures, access roads, utility lines, fences, easements, or other construction planned for the site in conjunction with the proposed facility.

The proposed installation includes a 90-foot by 100-foot lease area surrounded by an existing chain link fence containing an 11.5-foot by 30-foot equipment shelter and 150-foot tall monopole. Utilities will be routed underground from an existing utility pole on Fourth Avenue. Access will be provided via an existing paved access drive and parking area. Please refer to the attached lease exhibits.

The subject property is an active military installation. Permission was received to take a limited number of photographs at the project site.

Applicant's Name: Verizon Wireless
Project Name: Picatinny Arsenal
Project Number: _____



SITE MAP:



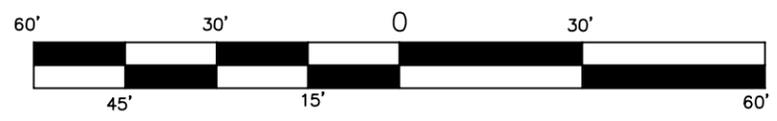
GENERAL NOTES:

- EXHIBIT "A" AS SUBMITTED IS A CONCEPTUAL REPRESENTATION OF THE LEASE AGREEMENT ONLY. FINAL CONSTRUCTION DRAWINGS MAY VARY TO COMPLY WITH APPLICABLE BUILDING CODES AND ZONING APPROVALS AND WILL SUPERSEDE EXHIBIT "A".
- TRUE NORTH DETERMINATION, GROUND (AMSL) ELEVATION AND LATITUDE AND LONGITUDE COORDINATES ARE BASED ON USGS MAP INFORMATION.
- THE LOCATION OF LESSEE'S PROPOSED UTILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE RESPECTIVE UTILITY COMPANIES AND MAY NEED TO BE RELOCATED.
- DO NOT SCALE THIS EXHIBIT UNLESS OTHERWISE NOTED.

SITE INFORMATION:

- PROPERTY OWNER/LESSOR: U.S. GOVERNMENT/PICATINNY ARSENAL DOVER, N.J. 07806
- CONTACT: MR. JACK LYONS (973)-724-5991
- LESSEE: NEW YORK SMSA LIMITED PARTNERSHIP d/b/a VERIZON WIRELESS 141 INDUSTRIAL PARKWAY BRANCHBURG, NJ 08876
- SITE ADDRESS: PARKING LOT FOURTH AND SHINKLE ROAD PICATINNY ARSENAL DOVER, NJ 07885
- LOT: NA
BLOCK: NA
ZONE: NA
COORDINATES: LATITUDE: 40°-55'41.84" LONGITUDE: 74°-34'-50.17" DATUM: NAD 83
- GROUND ELEVATION: 685' AMSL
DATUM: NAVD 88
- INFORMATION SHOWN ON THIS DRAWING IS BASED ON LIMITED FIELD MEASUREMENTS TAKEN AND TAX MAPS.

1 SITE PLAN
LE-1
SCALE: 1"=30'



LEGEND:

- Existing Conditions
- PROPOSED CONDITIONS
- PROPERTY LINE
- PROPOSED ELECTRICAL ROUTING
- PROPOSED TELEPHONE ROUTING

SCHEDULE OF REVISIONS			
REV. NO.	DATE	DESCRIPTION OF CHANGES	CHK. BY
B	10/31/07	REVISED PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B. J.S.
A	10/9/07	PRELIMINARY LEASE EXHIBIT	BVW JS

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PM PROJECT MANAGEMENT LLC
 COLONY PLAZA
 1200 ROUTE 46 WEST, SUITE 200
 HANOVER, N.J. 07930
 PHONE: (973) 850-6000
 FAX: (973) 850-0050 www.e2pm.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREIN APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETERMINED TO BE IN ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
 LIMITED PARTNERSHIP
 d/b/a **verizon wireless**
 141 INDUSTRIAL PARKWAY
 BRANCHBURG, NJ 08876

SEARCH AREA NAME:
 PICATINNY ARSENAL

CANDIDATE NAME:
 PICATINNY ARSENAL

EXHIBIT "A"

FIRST ISSUE: 10/9/07
 DRAWN BY: BVW
 CHECKED BY: JS

SCALE: AS SHOWN
 PROJECT #P-07-02-132
 DOCUMENT NO. Verizon\PICATINNY ARSENAL\DWG\LEV B

DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)	B
DRAWING NO. LE-1	
SHEET NO: 1 OF 2	
PRINT DATE: 11/31/07	

Attachment 3. Tribal And NHO Involvement

At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations (“NHOs”) to assist in the identification of historic properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to historic properties that may be affected by the undertaking within the Areas of Potential Effects (“APE”) for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by either the FCC, the Applicant, or the Applicant’s representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.

TCNS filed on:	<u>11/13/2007</u>	
TCNS #:	<u>33134</u>	
<u>Tribes Identified</u>	<u>Date of Follow-up Letter</u>	<u>Consultation Complete?</u>
Delaware Nation	11/19/2007	Yes
Shawnee Tribe	11/19/2007	No

Applicant's Name: Verizon Wireless
Project Name: Picatinny Arsenal
Project Number: _____

From: towernotifyinfo@fcc.gov
Sent: Friday, November 16, 2007 12:00 AM
To: lorraine.witterlouis@e2pm.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER
CONSTRUCTION NOTIFICATION INFORMATION - Email ID #1698480

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. NAGPRA Director Tamara Francis - Delaware Nation - Anadarko, OK - regular mail

Exclusions: The Delaware Nation located in Anadarko, Oklahoma will not review proposed collocation projects. Please do not notify the Delaware Nation of such projects.

There is a \$200 fee for the review of all projects. Send this payable to the Delaware Nation in the form of a check or money order.

All projects for review by the Delaware Nation must pay the \$200 fee.

2. THPO & Tribal Administrator Rebecca A Hawkins - Shawnee Tribe - Miami, OK - electronic mail and regular mail

Exclusions: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 19 July 2007. Please call Belinda Pryor at 918-542-2441 so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). Rebecca Hawkins is the Tribe's THPO; Belinda Pryor, Assistant THPO, handles all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain the signature of either Assistant THPO Belinda Pryor or THPO Rebecca Hawkins. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain one of these two signatures, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE THPO ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System's weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notification as completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated on 19 July November 2007 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder's responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION CORRESPONDENCE VIA E-MAIL.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower

notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

3. Vincent Maresca - New Jersey Historic Preservation Office - Trenton, NJ - electronic mail

4. Director Ruth L Pierpont - Bureau of Field Services, NY State Parks &* Hist. Pres. - Waterford, NY - electronic mail

5. Deputy SHPO Jean Cutler - Pennsylvania Historical & Museum Comm, Bureau for Historic Preservation - Harrisburg, PA - electronic mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/13/2007

Notification ID: 33134

Tower Owner Individual or Entity Name: New York SMSA Limited Partnership d/b/a Verizon Wireless

Consultant Name: Lorraine WitterLouis

Street Address: 1220 Route 46 West
Suite 222

City: Parsippany

State: NEW JERSEY

Zip Code: 07054

Phone: 732-256-4070

Email: lorraine.witterlouis@e2pm.com

Structure Type: POLE - Any type of Pole

Latitude: 40 deg 57 min 0.0 sec N

Longitude: 74 deg 36 min 6.0 sec W

Location Description: 4th Avenue & Shinkle Road

City: Rockaway Township

State: NEW JERSEY

County: MORRIS

Ground Elevation: 355.1 meters

Support Structure: 45.7 meters above ground level

Overall Structure: 46.3 meters above ground level

Overall Height AMSL: 401.4 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

November 19, 2007

Ms. Belinda Pryor
The Shawnee Tribe
Historic Preservation Department
29 South Highway 69A
Miami, OK 74354

Re: Request for Review of Proposed Wireless Telecommunication Facility on Properties of Religious and Cultural Importance to the Tribe
TCNS # 33134

Dear Ms. Pryor:

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) is proposing to install a wireless telecommunication facility at a site called "Picatinny Arsenal (USARMY)", Picatinny Arsenal, Rockaway, Morris County, New Jersey

Verizon proposes to construct a 150-foot tall monopole and place support equipment in an equipment compound adjacent to the monopole. Verizon proposes to mount 12 antennas at a centerline of 150 feet above ground level. Verizon proposes to locate equipment cabinets near the base of the monopole on 4-foot by 22-foot concrete pad. The proposed leased premise is approximately 2,500 square feet and will be enclosed by a proposed 6-foot high chain link fence. Access to the compound will be via a proposed 12-foot wide double swing gate.

Information regarding the proposed undertaking was posted on the FCC's Tower Construction Notification System on November 13, 2007. We are sending this follow-up letter to you, respectfully requesting your review of the proposed facility for its impact on properties of religious and cultural importance to the Tribe. The project plans and a U.S.G.S. Map with the project location identified are enclosed with this letter.

Per the requirements of the 2005 Programmatic Agreement regarding the Section 106 National Historic Preservation Act Review Process (NPA), we are required to obtain your comments or confirm your disinterest in the proposed undertaking. Please contact Suzanne Derrick at (815) 254-8204 or at suzanne.derrick@e2pm.com with any questions or comments regarding the proposed facility.

Thank you for your assistance in this matter. Please do not hesitate to contact us if you have any further questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Suzanne B. Derrick', is written over a light blue rectangular background.

Suzanne B. Derrick
Cultural Resources Division Manager

Enclosure: Picatinny Arsenal Lease Exhibits, USGS map, \$50 Tribal Consultation Fee
Project file: E2PM #H-07-01-116



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

November 19, 2007

Ms Tamara Frances, THPO
The Delaware Nation
2 ½ Miles North of Anadarko on Highway 281
Anadarko, OK 73005

Re: Request for Review of Proposed Wireless Telecommunication Facility on Properties of Religious and Cultural Importance to the Tribe
TCNS # 33134

Dear Ms. Frances:

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) is proposing to install a wireless telecommunication facility at a site called "Picatinny Arsenal (USARMY)", Picatinny Arsenal, Rockaway, Morris County, New Jersey

Verizon proposes to construct a 150-foot tall monopole and place support equipment in an equipment compound adjacent to the monopole. Verizon proposes to mount 12 antennas at a centerline of 150 feet above ground level. Verizon proposes to locate equipment cabinets near the base of the monopole on 4-foot by 22-foot concrete pad. The proposed leased premise is approximately 2,500 square feet and will be enclosed by a proposed 6-foot high chain link fence. Access to the compound will be via a proposed 12-foot wide double swing gate.

Information regarding the proposed undertaking was posted on the FCC's Tower Construction Notification System on November 13, 2007. We are sending this follow-up letter to you, respectfully requesting your review of the proposed facility for its impact on properties of religious and cultural importance to the Tribe. The project plans and a U.S.G.S. Map with the project location identified are enclosed with this letter.

Per the requirements of the 2005 Programmatic Agreement regarding the Section 106 National Historic Preservation Act Review Process (NPA), we are required to obtain your comments or confirm your disinterest in the proposed undertaking. Please contact Suzanne Derrick at (815) 254-8204 or at suzanne.derrick@e2pm.com with any questions or comments regarding the proposed facility.

Thank you for your assistance in this matter. Please do not hesitate to contact us if you have any further questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Suzanne B. Derrick', is written over a light blue circular stamp.

Suzanne B. Derrick
Cultural Resources Division Manager

Enclosure: Picatinny Arsenal Lease Exhibits, USGS map, \$200. Tribal Consultation Fee
Project file: E2PM #H-07-01-116



Delaware Nation
NAGPRA/Cultural Preservation Office
P.O. Box 825, Anadarko, OK 73005
Phone: (405) 247-2448 ~ Fax: (405) 247-9393

NAGPRA ext. 121
Section 106 ext. 147
Museum ext. 120
Library ext. 134

Date: 12/18/07

Company: E2PM

Project #: 33035, 33124, 33134
33134, 33213, 33274

County/State: New Jersey

To Whom It May Concern:

The Delaware Nation received a letter regarding the above referenced project. The Delaware Nation is committed to protecting archaeological sites that are important to tribal heritage, culture, and religion. Furthermore, the tribe is particularly concerned with archaeological sites that may contain human burial remains and associated funerary objects.

As described in your correspondence and, upon research of our database and files we find that the Lenape people occupied these areas either historically or prehistorically. However, the location of the project does not endanger known archaeological sites of interest to the Delaware Nation. Please continue with the project as planned. However, should this project inadvertently uncover an archaeological site we request that you immediately contact the appropriate state agencies, as well as the Delaware Nation. Also, we ask that you halt all construction and ground disturbing activities until the tribe and these state agencies are consulted.

Please also note that the Delaware Nation and the Stockbridge Munsee Band of Mohican Indians are the only Federally Recognized Delaware/Lenape entities in the United States. Consultation regarding inadvertent discoveries should be made only with designated Delaware Nation NAGPRA/Cultural Preservation staff of Anadarko, OK or designated Stockbridge Munsee Band of Mohican Indians staff of Wisconsin.

We appreciate your cooperation in contacting the Delaware Nation. Should you have any questions, feel free to contact me at (405) 247-2448 or by email tfreder@delawarenation.org

Sincerely,

Tamara Francis
NAGPRA/Cultural Preservation Director

Attachment 4. Local Government

a. *Has any local government agency been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Agreement? If so, list the local government agencies contacted. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices).*

Verizon Wireless is working with the United States military to develop and provide service for this facility.

b. *If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.*

Applicant's Name: Verizon Wireless
Project Name: Picatinny Arsenal
Project Number: _____

Attachment 5. Public Involvement

Describe measures taken to obtain public involvement in this project (e.g., notices, letters, or public meetings). Provide copies of relevant documentation.

A public notice describing the proposed undertaking will be posted in the local paper of record in the near future. Additionally, letters will be sent to local parties with an interest in historic preservation soliciting their input regarding the potential effects of the proposed undertaking on historic resources.

Individuals/Organizations Contacted

Response Received?

Additionally, Jason Huggan, Cultural Resource Manager at Picatinny Arsenal provided comments regarding the proposed undertaking. Please see the attached e-mail.

Please see the attached correspondence for details.

Applicant's Name: Verizon Wireless
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Attachment 6. Additional Consulting Parties

List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.

No additional consulting parties were identified.

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Project Name: Picatinny Arsenal
Project Number: _____

Attachment 7. Areas Of Potential Effects

The Area of Potential Effects (APE) is defined in the 2005 “Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission” as “the geographic area or areas within which an Undertaking may directly or indirectly cause alterations in the character or use of Historic Properties.”

a. Describe the APE for direct effects and explain how this APE was determined.

The APE for Direct Effects encompasses the area that will be directly affected by the installation of the proposed wireless telecommunications facility.

The APE for Direct Effects includes the subject property, the Picatinny Arsenal. Please refer to the lease exhibits appended to Attachment 2.

b. Describe the APE for visual effects and explain how this APE was determined.

The APE for Indirect or Visual Effects encompasses the area from which the proposed wireless telecommunications facility will be visible.

The APE for Indirect Effects was determined through the use of computer generated viewshed mapping and a pedestrian survey. The surrounding area is characterized by mature vegetation, rolling hills, and limited development. The proposed monopole location is in a mostly undeveloped portion of Picatinny Arsenal. The proposed monopole will be visible from Fourth Avenue from Shinkle Road to approximately 1250 feet northeast of Shinkle Road and from Shinkle Road approximately 600 feet northwest and southeast of Fourth Avenue. The APE also includes some undeveloped portions of the subject property. Please refer to Figure 2 in Attachment 12.

Applicant's Name: Verizon Wireless
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Attachment 8. Historic Properties Identified In The APE For Visual Effects

a. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement. Section VI.D.1.a. of the Nationwide Agreement requires the Applicant to review publicly available records to identify within the APE for visual effects: i) properties listed in the National Register; ii) properties formally determined eligible for listing by the Keeper of the National Register; iii) properties that the SHPO/THPO certifies are in the process of being nominated to the National Register; iv) properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and, v) properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register criteria, and that are identified accordingly in the SHPO/THPO Inventory.

There are no previously identified resources included in the ½ mile search radius.

In addition to listed or eligible resources, HPO requests that consultants also identify and assess effects to resources identified as eligible in local municipal surveys. There is one previously surveyed resource within the ½ mile search radius. The Picatinny Arsenal (1435-039) is the subject property. Several historic districts and individual resources have been identified on the grounds of the Picatinny Arsenal, including the Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) on 20th Avenue, the Picatinny Arsenal Administration and Research District (SHPO Opinion 7/2/99) including buildings on Buffington Road, Joyces Lane, and Parker Road, the Picatinny Arsenal Navy Commander's Quarters (SHPO Opinion 7/2/99) on Main Road, the Picatinny Arsenal Stable (SHPO Opinion 7/2/99) on Main Road, and the Picatinny Arsenal Test Area E, Naval Air Rocket Test Station District (SHPO Opinion 7/2/99) on Snake Hill Road. None of the previously identified historic districts or individual resources are within the ½ mile search radius or APE.

b. Provide the name and address (including U.S. Postal Service ZIP Code) of each Historic Property in the APE for visual effects, not listed in Attachment 8a, identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).

Not Applicable.

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Attachment 8. Historic Properties Identified In The APE For Visual Effects

c. For any properties listed on Attachment 8a that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.

Not Applicable.

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Attachment 9. Historic Properties Identified In The APE For Direct Effects

a. List all properties identified in Attachment 8a or 8b that are within the APE for direct effects.

None were identified.

b. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in Attachment 9a, that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant's research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.

No additional resources were identified.

c. Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects. Pursuant to Section VI.D.2.a. of the Nationwide Agreement, Applicants shall make a reasonable and good faith effort to identify above ground and archeological historic properties, including buildings, structures, and historic districts, that lie within the APE for direct effects. Such reasonable and good faith efforts may include a field survey where appropriate. If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth. Under Section VI.D.2.d. of the Nationwide Agreement, an archeological field survey is required even if one of these conditions applies, if an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects.

Archaeology

Environmental Setting

The project area stands at an elevation of approximately 685 feet above sea level and is located in the Highlands Physiographic Province (Wolfe 1977). The Highlands province comprises about one-eighth of the total land area of the state (900+ square miles) and includes narrow valleys with a generally northeast-southwest orientation lying between the broad, flat highlands. For the most part, the province is underlain by metamorphosed igneous and sedimentary rock of the Middle Proterozoic Age.

The naturally occurring soils in the project area are of the Preakness Variant series, specifically Preakness sandy loam, dark surface variant (Pw) (Eby 1976). These soils are deep, nearly level, very poorly drained, moderately coarse and textured. The Preakness sandy loam, dark surface variant, has slopes of 0 to 3 percent and, in its natural condition, is

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too wet for agriculture or for development. However, the site has been filled to permit development at some point within the past ten years.

The site lies at a locally low elevation, within a swampy area that formed along Green Pond Brook between parallel ridge lines to the east and west. Green Pond Brook has been channelized and now flows along a north-south path only a few hundred feet to the east. Because of the marshy setting, the project area and its environs developed much later than the surrounding fast land. In fact, most of the area surrounding the project site has remained wooded wetlands to this day. There are ordnance bunkers and a modest complex of buildings a short distance to the north and a clearing with abandoned equipment on the south side of Shinkle Road across from the project area, but the general area is otherwise vacant and forested.

The project area is located in the southern part of the Picatinny Arsenal, a military compound that was created as the Picatinny Powder Depot in the second half of the nineteenth century. The arsenal grounds are elongated on a north-south axis, following the contours of the very hilly terrain typical of the Highlands Province. The arsenal mainly occupies the lower, more hospitable lands in a narrow river valley between the ancient, eroded peaks and ridges.

The topography has long dictated the nature and dissemination of settlement in this part of the state. Once the rural iron industry began its decline a century ago, the small towns that dotted the lowlands in the vicinity lost their economic underpinnings. More recently, however, with the interstate system and state roads providing more ready access, nearby towns such as Dover and Rockaway to the south and southeast and Hopatcong to the west have seen substantial residential and commercial development.

Known Archaeological Sites

A review of files at the New Jersey State Museum and published references indicated that there are no registered archaeological sites within the project area, but there are two within a one-half mile radius. 28-Mo-284 is a small site (approximately 50 feet in diameter) located on a ridge line northwest of the project area. Finds were extremely modest, consisting of one ground stone tool and one complete, bifacial knife. The site may well have been disturbed by construction of the Berkshire Trail.

28-Mr-314 was found during the course of a cultural resource survey and is referenced below (Tetra Tech 2006). Artifacts were found in five loci over a 500-foot linear area and included some fire-cracked rock and 24 flakes.

Prior Cultural Resource Surveys

A review of files at the New Jersey Historic Preservation Office (HPO) indicated that a history of the Picatinny Arsenal was compiled in 1931 (unattributed 1931) and that two cultural resource surveys that addressed archaeological resources were performed for the arsenal property, including the project area. Additionally, a total of four other surveys have been undertaken within a one-mile radius.

In addition to the general history of the arsenal completed in the 1930s, an archaeological assessment and management plan (Enviroshere 1987) and a historic and prehistoric reconnaissance level survey of the compound (Public Archaeology Laboratory 1989) have

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been completed. The archaeological assessment and management plan functioned in part like a phase IA cultural resource survey and identified a total of 85 potential archaeological sites either within the complex or overlapping with it. All of these sites are from the historic period and consist largely of nineteenth century farmsteads and mills. No prehistoric sites were securely located during the course of the research, but the consultants indicated that there was a possibility of the occurrence such sites in proximity to streams on the arsenal property.

The formal, phase IA level survey of the 6500-acre arsenal compound identified four prehistoric sites through surface collecting and indicated that there was a moderate to high potential for prehistoric site occurrence in predominantly undisturbed areas that had close, unfettered access to water. Seven historic period sites were also documented, including two forges, four homesteads and a cemetery, and a total of 69 other potential historic sites, mostly residential, were identified. From the evidence of the historic maps, it does not appear that any of the sites that were recorded in either the management plan or the survey is within the current project area and none of them will be affected by the project as proposed.

Another survey that was completed within the arsenal complex addressed the proposed site of the Picatinny Applied Research Center, located in an area of athletic fields and a former farm (Tetra Tech 2006). Several hundred test pits were sunk in three discrete areas comprising 37 acres about a quarter-mile southeast of the project area. Evidence of a low density prehistoric encampment was found at a locale identified as the Current Ballfield Area (28-Mr-314) and further testing was recommended. No other potentially significant historic or prehistoric resources were recorded.

A survey was undertaken in advance of the reconstruction of a bridge that conveyed Berkshire Valley Road over the Rockaway River less than a mile west of the project area (Richard Grubb & Associates 2004). The bridge lies to the west of a long, narrow ridgeline that separates the Rockaway River and Green Pond Brook. Excavations revealed that much of the area had been disturbed by prior road construction and residential development and no significant archaeological resources were reported.

Another, much longer section of Berkshire Valley Road, stretching north from State Route 15 to State Route 23 west and north of the project area, was examined during a Phase I survey for a proposed road widening (Kraft *et al.* 1978). The portion of the road near the project area was restricted to a reconnaissance level survey because it was only being resurfaced. The consultants did not uncover evidence of any significant historic or prehistoric sites during a visual inspection of the alignment. Former residential sites identified in the documentary review could not be located in the field. However, areas that were presumed to possess prehistoric archaeological sensitivity because of their environmental setting were identified.

Finally, a Phase IA level survey was completed for a proposed cell tower on one of the highest elevations of Green Pond Mountain, the ridgeline that runs west and north of the project area (Richard Grubb & Associates 2004a). The location of the cell tower had been modified earlier for a fire tower and parking lot. The consultants indicated that the site had a low potential for the occurrence of significant archaeological deposits because of the prior disturbance, the lack of any documentary evidence of prior occupation and the distance to

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potable water.

National/State Register Files

According to the site files at the HPO no archaeological properties listed on or formally determined eligible for listing on the National Register of Historic Places lie in the project area or within a one-half mile radius. One area of presumed archaeological sensitivity that was identified in a cultural resource survey is shown within a mile of the project area, but it does not appear that a determination was ever made as to the site's Register eligibility (Kraft *et al.* 1978).

Historic Map Review

A review of historic cartographic evidence available at the New Jersey State Library indicates that, while at least some minor development had occurred in the general vicinity by the middle decades of the nineteenth century, the project area itself appears to have remained vacant until recently. In fact, it appears that the site was historically in the midst of a swampy lowland area that has only been partially filled in recent decades.

On the 1853 "Map of Morris County New Jersey," a sparse road system is depicted and a number of houses appear in the general vicinity, but the project area and its environs are undisturbed. The local economy is apparently supported by the two iron mines and a tannery that are shown to the east and southeast. The project area lies in a small, narrow valley between two ridge lines and near the southwesterly flowing Green Pond Brook.

In 1868, on the "Atlas of Morris Co. New Jersey" more residences appear in the general area and a railroad has been built to facilitate transport to and from an increasing number of iron mines. All of this activity is concentrated primarily east of the project area, which remains in the undeveloped valley along Green Pond Brook.

On the 1887 "Robinson's Atlas of Morris County New Jersey" the reason why the project area and the small valley in which it lies remained undeveloped becomes apparent. The entire area along Green Pond Brook between the ridgelines to the east and west is portrayed as marshland. The "Picatinny Powder Depot" has been established directly to the north of this swamp and the village of Spicertown has grown from a road intersection where J. Spicer and a few others had built homes to a thriving hamlet with perhaps 15-20 residences just west of the Dolan Mines.

The project area and its surroundings continue to be shown as wetlands on all the USGS quadrangle maps of the twentieth century. The 1943, 1970, 1981 and 1997 Dover quads all indicate that Green Pond Brook has been channelized and show a gradual increase in development on the arsenal property north of the project area. By 1981 Shinkle Road has been built across the swamp and there is a small, oblong structure at the project area site on the north side of the road. However, the project site is still within undeveloped wetlands. The building no longer appears on the 1997 quad.

Site Visit

A close visual reconnaissance of the APE-Direct Effects was completed on March 19, 2008. The project area is within a fenced, paved storage area.

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The immediate surroundings on all sides are wetlands, save for the access roads (Shinkle Road and Fourth Avenue) where fill has been deposited to provide passage through the swamp. The site stands at the northeastern corner of a roughly oblong area of fill straddling Shinkle Road.

Assessment of Archaeological Sensitivity

A preliminary determination of the likelihood that significant cultural resources occur within any given area is based upon a review of historic and modern documentary sources and a close visual inspection of the subject parcel. Documentary sources yielded no evidence of occupation or use of the project area until the latter twentieth century.

The topographic and historic cartographic evidence demonstrate that the project area in its natural state was a low-lying swamp along Green Pond Brook. Given its location between confining ridges to the east and west, the site must have flooded regularly. Moreover, the project area was filled and a small, oblong building was built there probably in the 1970s. As a result of these natural and man-made conditions, the project area possesses a low likelihood for the occurrence and survival of significant, archaeological resources.

Architecture

The subject property is the Picatinny Arsenal. Several historic districts and individual resources have been identified on the grounds of the Picatinny Arsenal, including the Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) on 20th Avenue, the Picatinny Arsenal Administration and Research District (SHPO Opinion 7/2/99) including buildings on Buffington Road, Joyces Lane, and Parker Road, the Picatinny Arsenal Navy Commander's Quarters (SHPO Opinion 7/2/99) on Main Road, the Picatinny Arsenal Stable (SHPO Opinion 7/2/99) on Main Road, and the Picatinny Arsenal Test Area E, Naval Air Rocket Test Station District (SHPO Opinion 7/2/99) on Snake Hill Road. The proposed lease area is in a largely undeveloped area of the Picatinny Arsenal, approximately one mile southwest of the nearest listed resource on the property.

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Attachment 10. Effects On Identified Properties

For each property identified as a Historic Property in Attachments 8 and 9:

a. *Indicate whether the Applicant believes the proposed undertaking would have a) no effect; b) no adverse effect; or, c) an adverse effect. Explain how each such assessment was made. Provide supporting documentation where necessary.*

Not applicable.

b. *Provide copies of any correspondence and summaries of any oral communications with the SHPO/THPO.*

Not applicable.

c. *Describe any alternatives that have been considered that might avoid, minimize, or mitigate any adverse effects. Explain the Applicant's conclusion regarding the feasibility of each alternative.*

Not applicable.

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Attachment 11. Photographs

Except in cases where no Historic Properties were identified within the Areas of Potential Effects, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map (see Item 12 below) or text, and dated; the focal length of the lens should be noted. The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.

- a. Photographs taken from the tower site showing views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the proposed tower.*
- b. Photographs of all listed and eligible properties within the Areas of Potential Effects.*
- c. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the tower site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included.*
- d. Aerial photos of the APE for visual effects, if available.*

<p>The subject property is an active military installation. Permission was received to take a limited number of photographs at the project site. Please see the attached photographs.</p>

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Attachment 11. Photographs Continued



Aerial photo showing the project location and surrounding development.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue Rockaway Township Morris County, New Jersey Aerial Photo: Google Earth 2007</p>
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Applicant's Name: Verizon Wireless
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Attachment 11. Photographs Continued



APE for Visual Effects Photograph Location Map. Arrows indicate the location, direction, and number of the photograph.

<p>E2 Project Management LLC E2PM Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue Rockaway Township Morris County, New Jersey Photograph Location Map: USGS Topographical Map</p>
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Applicant's Name: Verizon Wireless
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Attachment 11. Photographs Continued

Plate: VE.1
Date: 03/19/08
Direction: Southeast
Photographer:
Barry Brady
Focal Length: 37mm
Distance from site ft/m:
N/A
Description: View along
Shingle Road from 4th
Avenue. Shinkle Road is
closed east of 4th
Avenue.



Plate: VE.2
Date: 03/19/08
Direction: Northeast
Photographer:
Barry Brady
Focal Length: 37mm
Distance from site ft/m:
N/A
Description: View along
4th Avenue from Shinkle
Road.



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Attachment 12. Maps

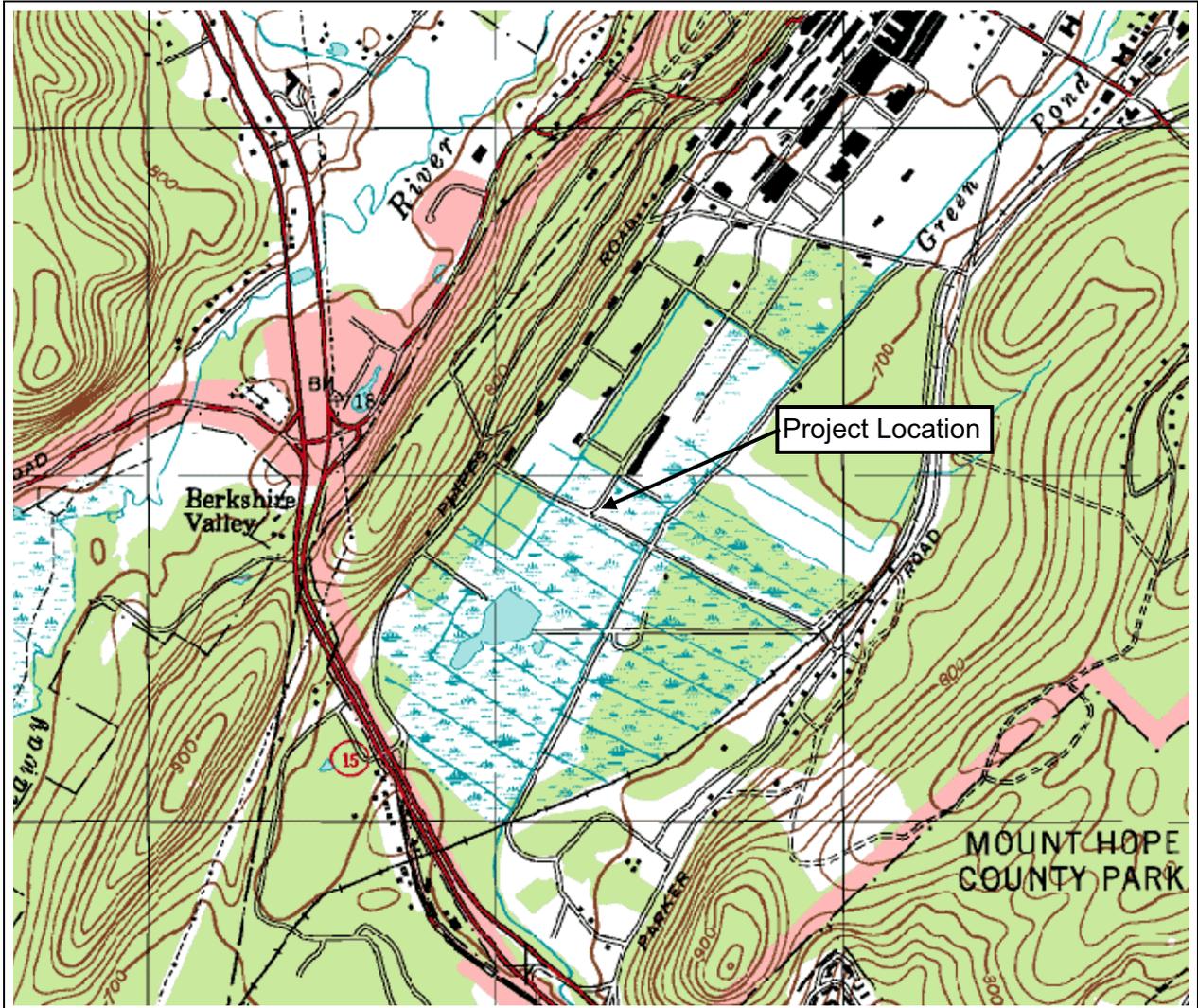
Include one or more 7.5-minute quad USGS topographical maps that:

- a. Identify the Areas of Potential Effects for both direct and visual effects. If a map is copied from the original, include a key with name of quad and date.*
- b. Show the location of the proposed tower site and any new access roads or other easements including excavations.*
- c. Show the locations of each property listed in Attachments 8 and 9.*
- d. Include keys for any symbols, colors, or other identifiers.*

Please see attached figures.

Applicant's Name: Verizon Wireless
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Attachment 12. Maps Continued

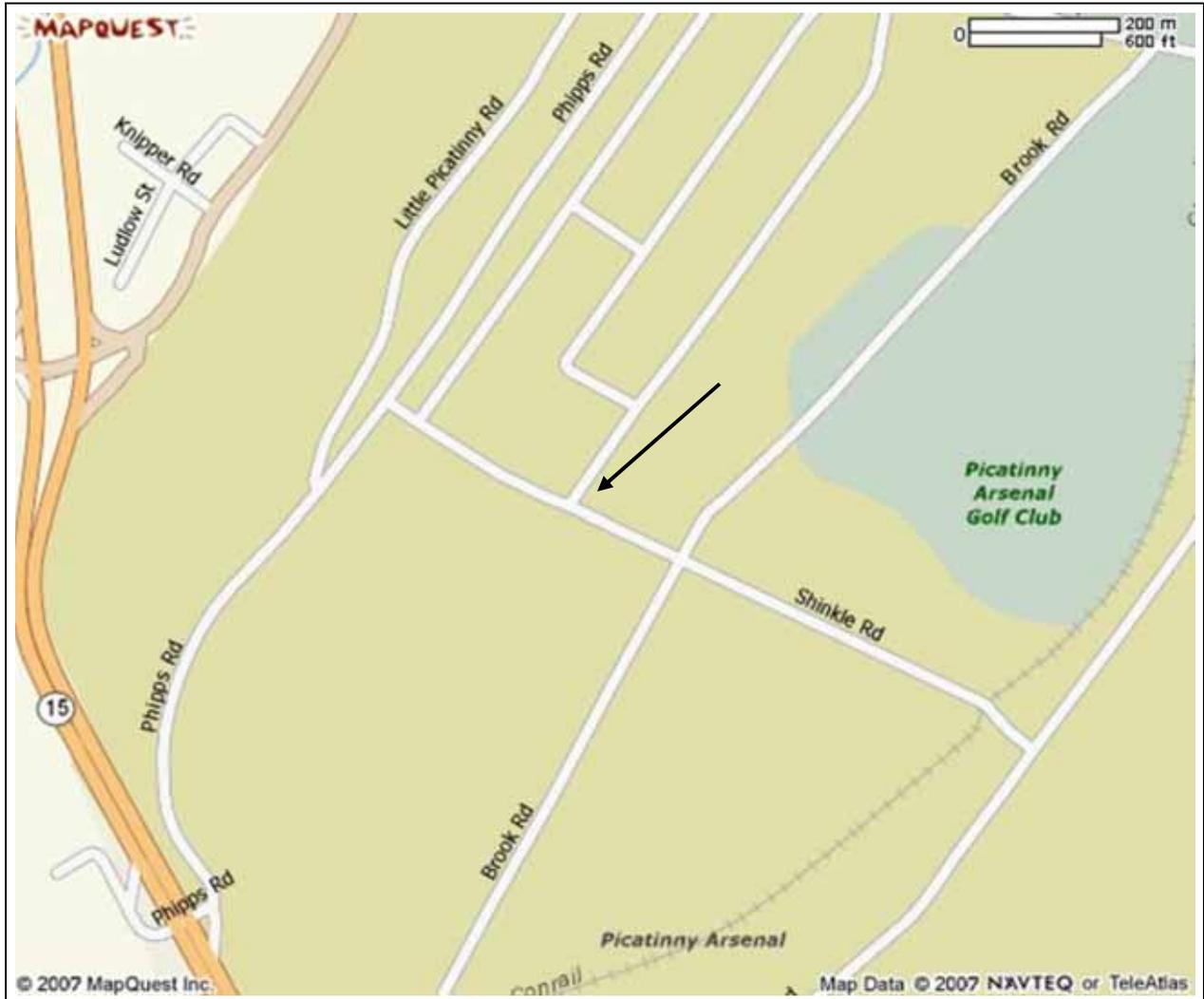


USGS Quadrangle showing the project location and location of identified resources in the APE. No historic resources were identified.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue Rockaway Township Morris County, New Jersey Figure 1: USGS Topographic Map</p>
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Applicant's Name: Verizon Wireless
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Attachment 12. Maps Continued

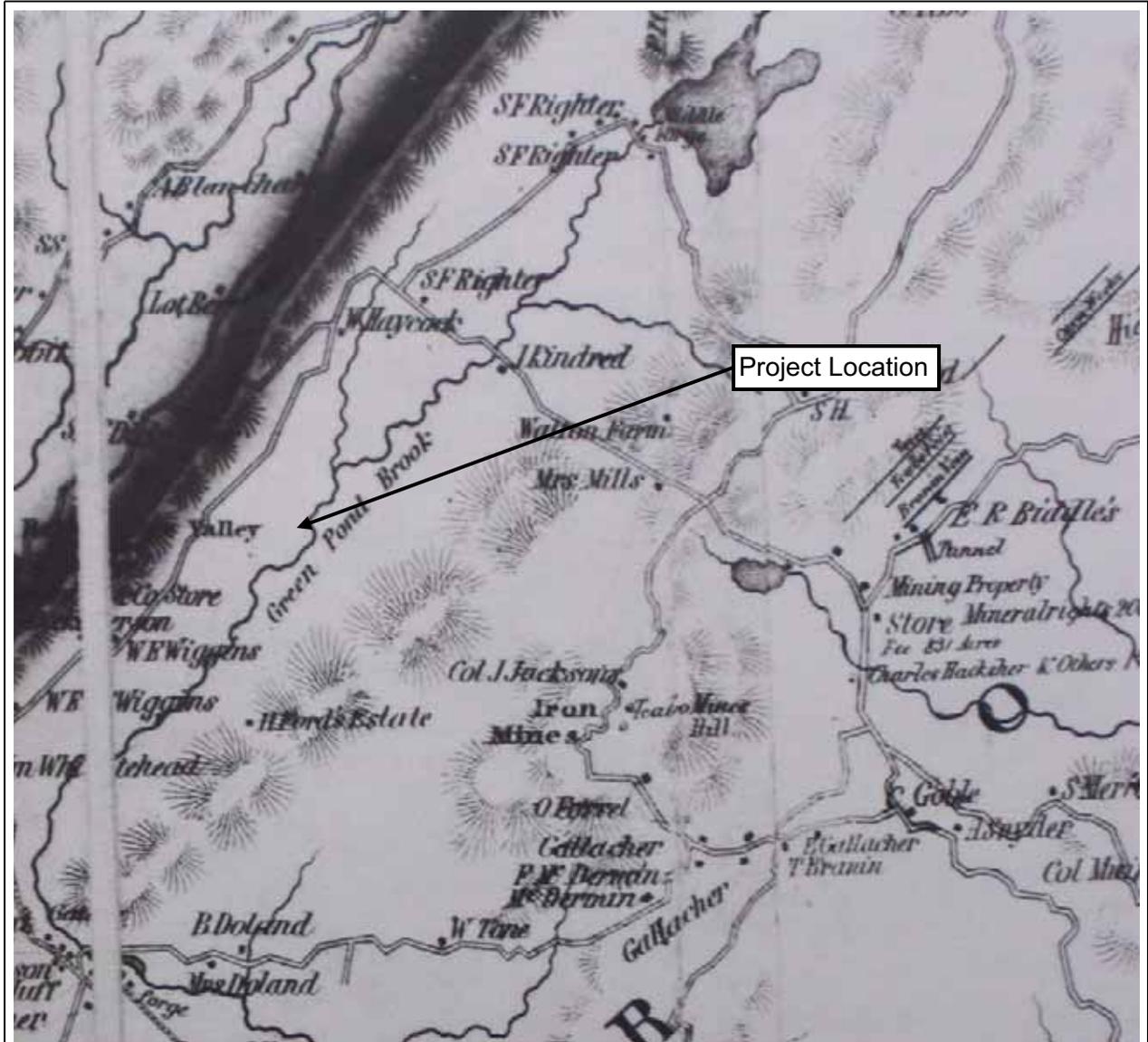


Road map of the project vicinity. Arrow indicates the project location.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue Rockaway Township Morris County, New Jersey Figure 3: Road Map, MapQuest, Inc., 2007</p>
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Applicant's Name: Verizon Wireless
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Attachment 12. Maps Continued

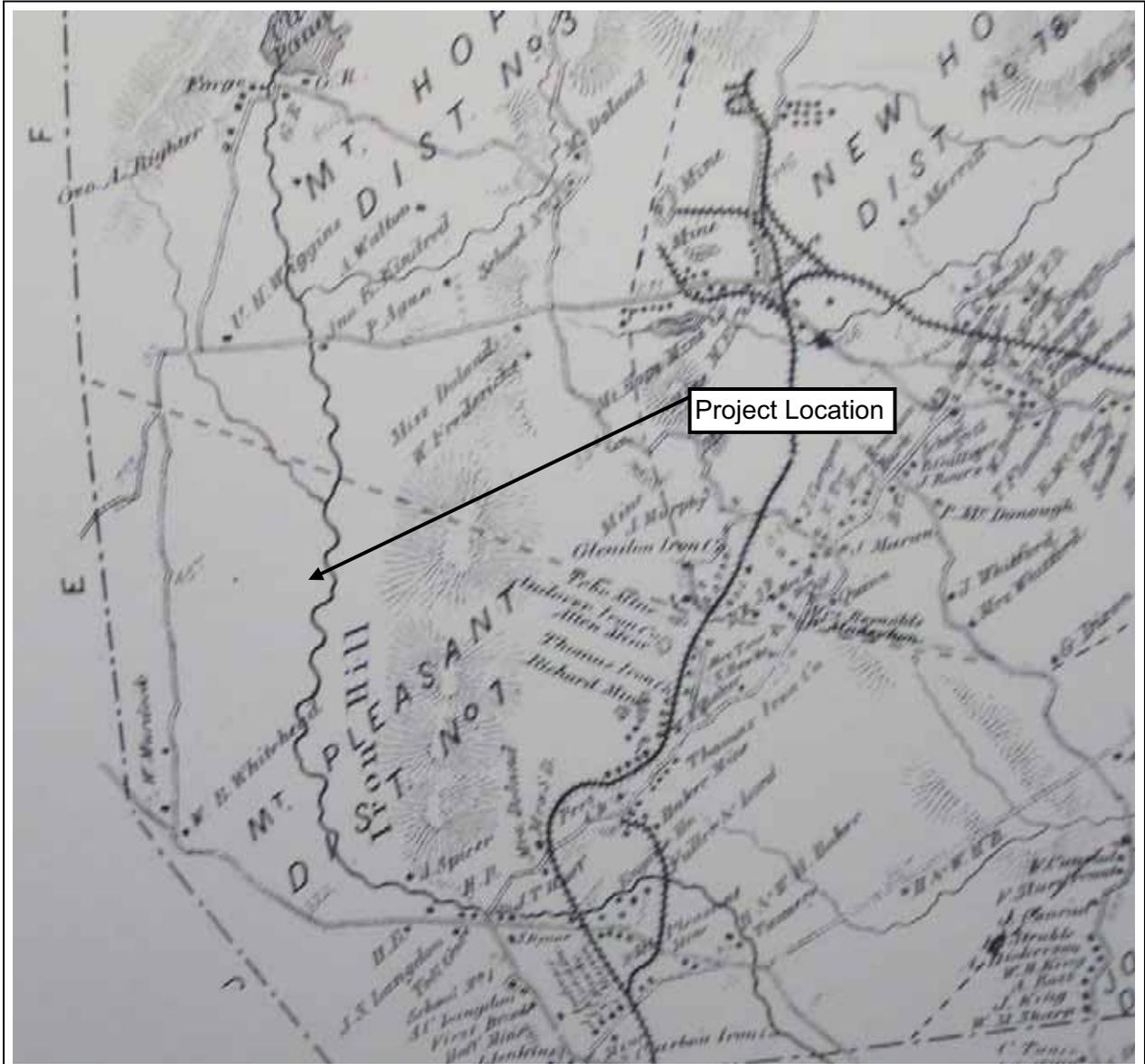


The 1853 "Map of Morris County New Jersey." showing the project area.

 <p>E2 Project Management LLC Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054</p> <p>Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue and Shinkle Road Rockaway Township Morris County, New Jersey</p>
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Attachment 12. Maps Continued

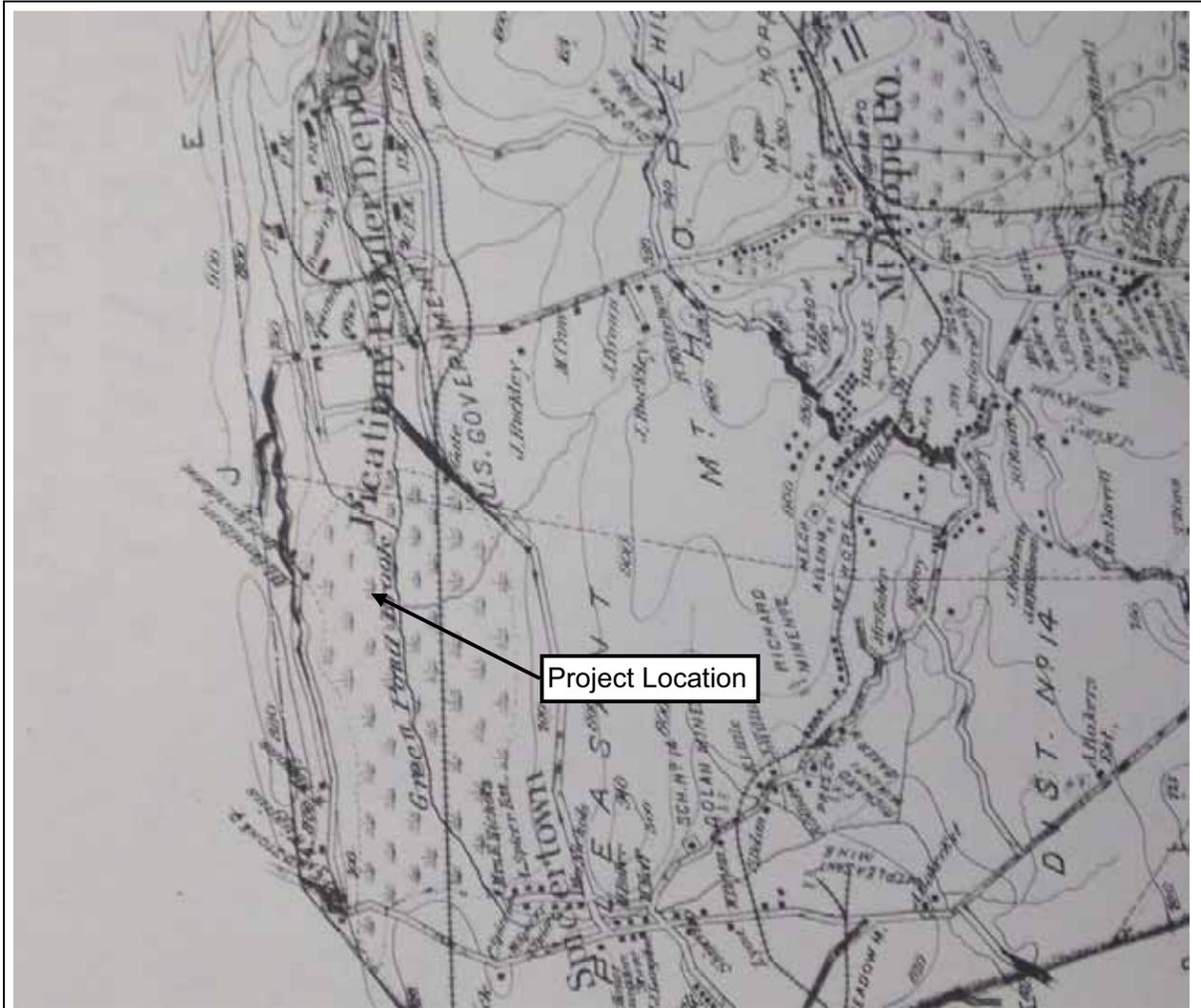


The 1868 "Atlas of Morris Co. New Jersey" showing the project area.

 <p>E2 Project Management LLC Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054</p> <p>Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue and Shinkle Road Rockaway Township Morris County, New Jersey</p>
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Attachment 12. Maps Continued

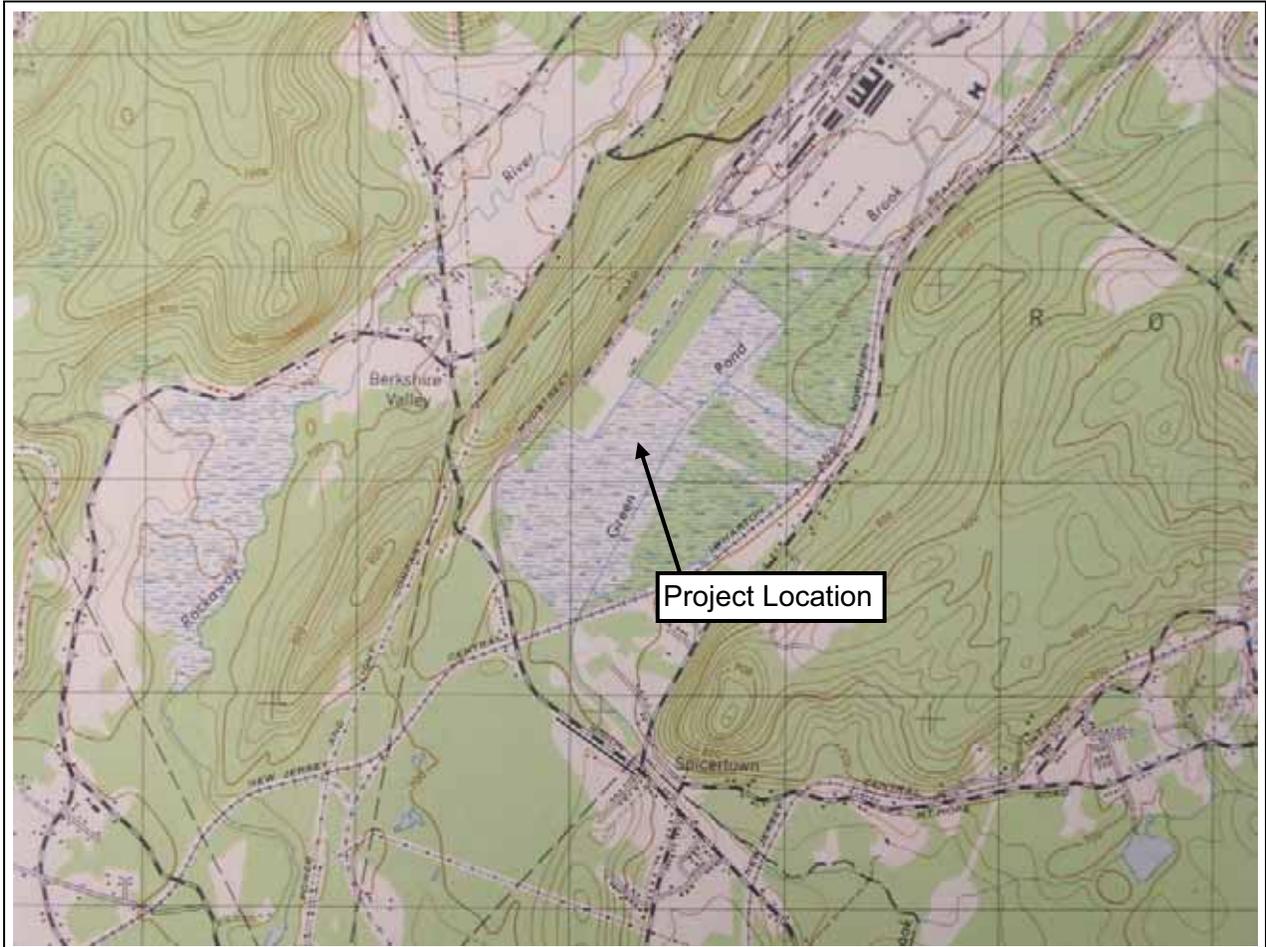


The 1887 “Robinson’s Atlas of Morris County New Jersey” showing the project area.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054</p> <p>Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue and Shinkle Road Rockaway Township Morris County, New Jersey</p>
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Attachment 12. Maps Continued

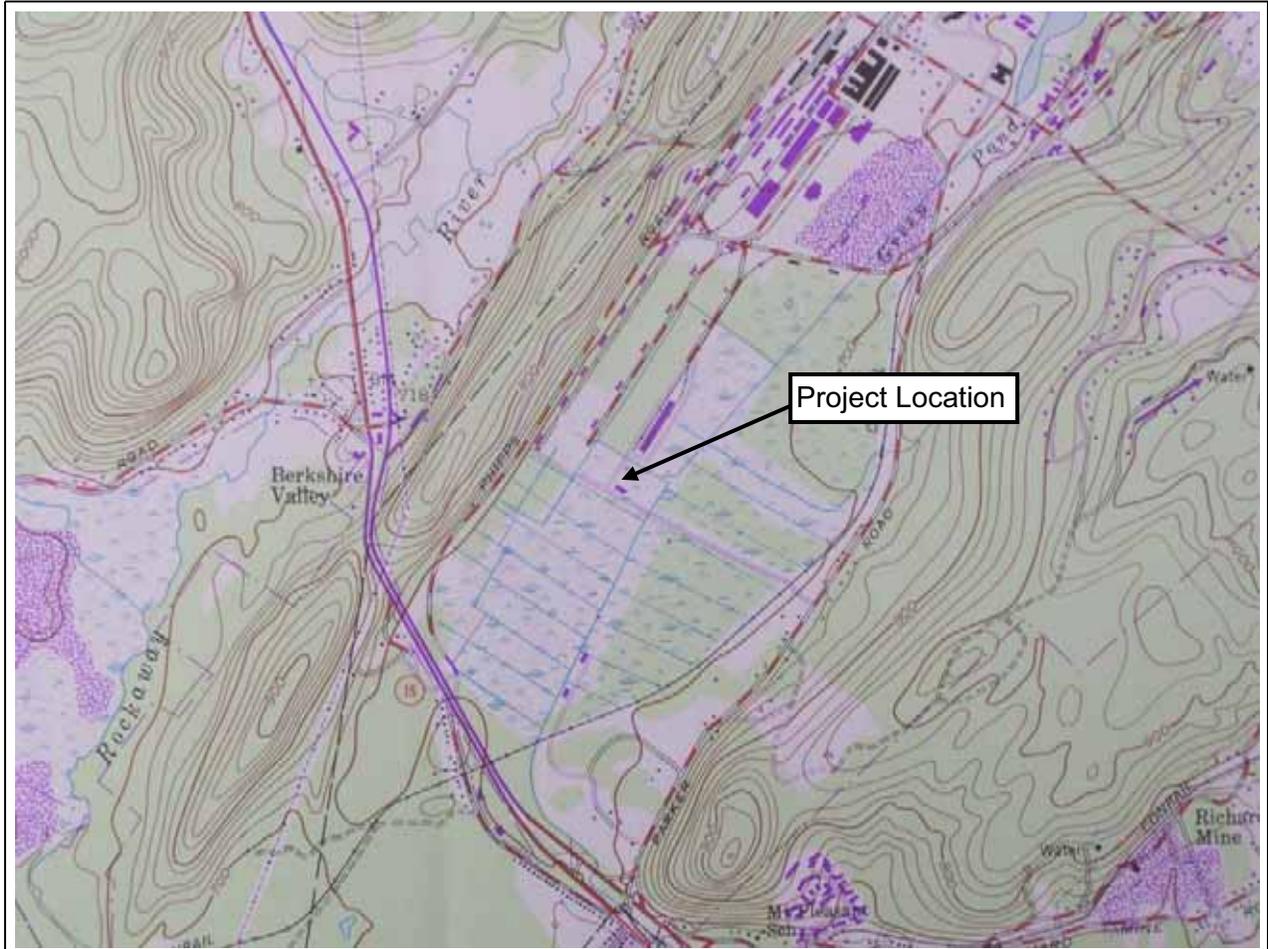


The 1943 USGS Dover, N.J. quadrangle map showing the project area.

 <p>E2 Project Management LLC Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054</p> <p>Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-116 Picatinny Arsenal Fourth Avenue and Shinkle Road Rockaway Township Morris County, New Jersey</p>
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Applicant's Name: Verizon Wireless
 Project Name: Picatinny Arsenal
 Project Number: _____

Attachment 12. Maps Continued



The 1981 USGS Dover, N.J. quadrangle map showing the project area.

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Attribution and Bibliographic Standards.

All reports included in the Submission Packet should be footnoted and contain a bibliography of the sources consulted.

a. Footnotes may be in a form generally accepted in the preparer's profession so long as they identify the author, title, publisher, date of publication, and pages referenced for published materials. For archival materials/documents/letters, the citation should include author, date, title or description and the name of the archive or other agency holding the document.

b. A bibliography should be appended to each report listing the sources of information consulted in the preparation of the report. The bibliography may be in a form generally accepted in the preparer's profession.

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