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## *Continued Development of Army Alternate Procedures (AAP) to 36 CFR 800*

*16 May 2011*

**Jason Huggan, Cultural Resources Specialist  
Environmental Affairs Division, Directorate of Public Works**

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*Mission: USAG Picatinny Arsenal provides effective and efficient installation capabilities and services that support the Joint Center of Excellence for Armaments and Munitions enabling continued firepower dominance by the United States Military and sustaining a community in which Service Members, Families, and Civilians will thrive*

*The Army's Home in Northern New Jersey*

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Jason.Huggan@MNE-FYD-FWDE/DT3/724-3254/02AD12-480-2054/jason.j.huggan@us.army.mil UNCLASSIFIED

Significant notes, discussion topics, and tasks from the conference call are outlined within this document.



# Army Alternate Procedures (AAP) to 36 CFR 800



## Agenda

### Morning Session

- I. Meeting Purpose and Introductions
- II. Purpose and Projects Affected by Army Alternate Procedures (AAP)
- III. Army Alternate Procedures Comparison to Real Property Master Plan Programmatic Agreement
- IV. Standard Operating Procedures (SOPs)
- V. Historic Property Component Plan (HPC) Contents
- VI. Proposed Timelines and Milestones
- VII. Brief Installation Tour and Overview of Arsenal

### Open Discussion and Afternoon Session

- I. Anti-Terrorism/Force Protection (AT/FP) Standards
- II. Dept. of Defense Energy Standards
- III. Explosive Safety Standards
- IV. In-Kind Building Materials
- V. Building Interiors
- VI. Historic Building Renovation Concerns
- VII. Areas Exempt from Archaeological Inventory and Active/Inactive Range Footprints
- VIII. Unexploded Ordnance and Impact Areas
- IX. Archaeology and Historic Bldg Survey Standards
- X. TBD/Etc.

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Agenda was reviewed as shown



**Army Alternate Procedures (AAP) to 36 CFR 800**



**Represented Parties and Interested Stakeholders**

**Dept. of Army Representatives**

- Picatinny Arsenal Garrison
- Installation Management Command, Northeast Region (IMCOM NERO)- *conference call*
- Army Environmental Command (AEC)- *conference call*

<p><b>Consulting Parties</b></p> <ul style="list-style-type: none"> <li>• New Jersey Historic Preservation Office (NJ HPO)</li> <li>• <b>Advisory Council on Historic Preservation (ACHP)</b></li> <li>• Federally-Recognized Native American Tribes           <ul style="list-style-type: none"> <li>• <b>Delaware Nation of Oklahoma-</b> <i>conference call</i></li> <li>• Delaware Tribe of Indians</li> <li>• Absentee-Shawnee Tribe of Oklahoma</li> <li>• Shawnee Tribe</li> </ul> </li> </ul>	<p><b>Interested Stakeholders</b></p> <ul style="list-style-type: none"> <li>• <b>National Trust for Historic Preservation</b> and its Northeast Region Field</li> <li>• <b>Morris County Heritage Commission</b></li> <li>• Morris County Trust for Historic Preservation</li> <li>• Morris County Historical Society</li> <li>• Roebling Chapter for the Society for Industrial Archaeology</li> <li>• Historical Society of Rockaway Township</li> <li>• Jefferson Township Historical Society</li> <li>• Mt Hope Historical Conservancy</li> <li>• Mt Olive Historical Society</li> <li>• Denville Historical Society</li> </ul>
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Attendees to the meeting were as follows:

- Jason Huggan, Picatinny Arsenal Cultural Resources Specialist
- Chris Wilson, Advisory Council on Historic Preservation (ACHP) and Army Liason
- Peg Shultz, Morris Co. Heritage Commission
- Jon Van De Venter, Picatinny Arsenal Natural Resources Mgr (Alternate for the Cultural Resource Point-of-Contact, Jason Huggan)
- Eli Thomas, Residential Community Officer- afternoon session only

Represented via conference call:

- Jennifer Guerrero- Installation Management Command, Northeast Region (IMCOM-NERO)
- Karl Kleinbach, Army Environmental Command (AEC)
- Betsy Merritt, National Trust for Historic Preservation (NTHP)
- Jonathan Kinney, New Jersey State Historic Preservation Office (NJ HPO)- morning session only
- Vincent Maresca, NJ HPO- afternoon session only

 **Army Alternate Procedures (AAP) to 36 CFR 800** 

**Purpose of AAP**

- Streamlines Procedures Satisfying the Requirements of Section 106 (36 CFR 800) of the National Historic Preservation Act (NHPA)
- Management Approaches Historic Properties Programmatically, Instead of on a Case-by-Case Basis
- Implements Better Standard Operating Procedures (SOPs) within the Integrated Cultural Resource Management Plan (ICRMP)
- Improves Stewardship and Fundamental Management through the Historic Property Component Plan (HPC)
- Aligns Favorably with Mission Requirements and Goals of Completing Projects More Effectively and Efficiently
- Allows Garrison to Respond Better and More Quickly to Project Needs

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**Discussion Topic:**

ACHP representative Chris Wilson briefly discussed the installation’s ICRMP and that it is a baseline for complying with other historic preservation regulations besides Section 106. He also stated that he was excited about AAP being sought for implementation at Picatinny and for the Army as a whole.

NTHP representative Betsy Merritt mentioned that the HPC could be a model for other installations going forward.

AEC representative Karl Kleinbach stated that the AAP is different than Programmatic Agreements (PA) like Picatinny’s recent Real Property Master Plan and Facility Reduction Program PA (RPMP FRP PA) because adverse effects are accounted for and resolved with an SOP for mitigation and treatment.

Other installations with AAP in place are Fort Benning and Fort Hood. Fort Sam Houston also had adopted AAP; however, the Garrison there is now under Air Force control and they are back to project-by-project Section 106 review and consultation.



## Army Alternate Procedures (AAP) to 36 CFR 800



### Purpose of AAP, cont.

- Proponent Follows Flowchart of Applicable SOPs
- Interactive Project Organization- Picatinny Environmental Mgmt System (PEMS)
  - Follows NEPA Process
    - Green Flag - No Effect on Historic Properties
    - Green/Yellow Flag - No Adverse Effect on Historic Properties with Conditional Approval
    - Yellow Flag - Potential Adverse Effect on Historic Property(ies)
    - Red Flag - Adverse Effect on Historic Property(ies)– Project Revision
  - Managed by Cultural Resource Manager, NEPA Project Manager, and IT Computer Specialist
- Annual Metric Reporting to IMCOM/AEC, Consulting Parties and Interested Stakeholders

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The Picatinny PEMS was reviewed as the basis for tracking projects.

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### Update since 11 August 08 Kick-Off Meeting

- Topics discussed during previous meeting:
  - Types of Undertakings at Picatinny
  - Upcoming New Construction and Demolition Projects (wrapped into Programmatic Agreement [below]: BRAC Projects handled with individual formal consultation)
  - Cultural Resources GIS
  - Curation and Archaeological Collections
  - Standard Operating Procedures development
  - NHPA and AAP Processes
  - Installation Tour
- Brief update to installation ICRMP – signed 31 Oct 08
- Update to the Residential Communities Initiative (RCI) Programmatic Agreement (2004)
  - Finalized with HQ after a change in personnel at RCO and sent to NJ HPO 28 April 2011
- Consultation for Real Property Master Plan and Facility Reduction Program Programmatic Agreement (RPMP FRP PA) – signed 17 May 10
  - Amendment to PA for the Defense Environmental Restoration Program (DERP) – signed 10 March 11

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No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### Projects Affected by AAP vs. RPMP FRP PA

- Service/Work Orders (WO)- less than \$2,500
  - Performed by Base Operations Contractor, Chugach Industries, Inc.
- Individual Job Orders (IJOs)- more than \$2,500
  - Managed by DPW Engineering Staff, including Design
  - Renovations
  - New Construction
  - Demolition activities
  - Performed by Base Operations Contractor, Chugach Industries, Inc. (Over-and-Above to Contract and/or to Subcontractor)
    - or -
  - Job Order Contracting (JOC) through an Indefinite Delivery/Indefinite Quantity (IDIQ) Contract
    - Innovation One (formerly Chickasaw Nation Industries, Inc.)
    - Cherokee Construction Consulting, Inc.
    - American Alliance Corp.
- Military Construction Activity (MCA)/RPMP Project
  - Managed by DPW Master Planning and the NY District Corps of Engineers
- Facility Reduction Program (FRP) and DERP Structure Demolitions
  - Managed by DPW Master Planning and Huntsville Corps of Engineers

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AAP will make the RPMP FRP PA exempt; however, when MCA/FRP/DERP Projects occur, the PA will be used to establish guidance (ie. Stipulations) to proceed with project implementations (listed as part of the SOP for those particular projects).



## Army Alternate Procedures (AAP) to 36 CFR 800



### Section 106

***A consultative process, set out in §§ 800.3 – 800.6 (of the NHPA), in which identified consulting parties, including the public, work together with an agency to:***

- *Identify historic properties and evaluate their significance*
- *Assess potential adverse effects to significant properties resulting from a Federal undertaking*
- *Resolve adverse effects by avoiding, minimizing or mitigating harm to historic properties*

#### **Alternate Procedures – 800.14(a)**

- Initiation of the process
- Identification and evaluation historic properties
- Assessment and resolution of adverse effects
- Emergencies and unanticipated discoveries
- Integration of NEPA and NHPA

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No further discussion was covered other than as stated above.



# Army Alternate Procedures (AAP) to 36 CFR 800



## Basic Standard Operating Procedures (SOP)

### Historic Bldg SOPs

- Service Orders and General Maintenance
  - Exempt Undertakings – Building Interiors
- IJOs via the Annual Work Plan (AWP) Projects
  - Renovations and Alterations
  - Anti-Terrorism Force Protection, Safety, and Americans with Disabilities Act Upgrades
  - Rehabilitations and User Upgrades
  - Unified Facilities Criteria
  - Design Build
  - Exterior Colors of Buildings (including Brick Matching)
- Historic District Fluidity / Continuity
  - Viewsheds
  - Landscaping
  - Character Features (ie. Sidewalks, etc.)
- Historic Building Assessment Standards
  - Identification and Eligibility

### Ground Disturbance SOPs

- Archaeological Survey Standards
  - New Construction and Determination of Area of Potential Effects
  - Exempt Excavations - UXO, CERCLA, Geo-Technical Borings, Wetland Delineations, etc.
  - Phase I Identification
  - Phase II Evaluation
  - Data Sharing and Dissemination of Data
- Resolving Adverse Effects and Inadvertent Discoveries
  - Emergency Actions and Post Review Incidences

### General Consultation and Management SOPs

- Desired Condition of Historic Districts, Buildings, and Archaeological Sites
  - Monitoring and Ongoing Mgmt of Historic Properties
  - Cemetery Maintenance
  - Acceptable Losses
- Coordination, Consultations, and Meetings
  - Tribal Relations
  - Site Visits
  - Public Outreach

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Jason Huggan/IMNE-P/C-FW/E/OTC/724-2054/OSAD/12-850-2054/jason.j.huggan@us.army.mil

General review of what the SOPs discussed within this presentation will cover.

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #1- IDENTIFYING UNDERTAKING

- **Undertaking**
  - "project, activity, or program funded in whole or in part under the direct or indirect jurisdiction of the Army, including those carried out by or on behalf of the Army, those carried out in whole or in part with Army funds, and those requiring Army approval."
- **Activities Likely to Affect Archaeological Sites**
  - **Excavation:** Excavation and ground disturbing activities associated with military training activities can damage or destroy archaeological sites. Common training activities requiring excavation and ground disturbance may include but are not limited to trenches, bombing, artillery fire, foxholes, bivouacs, and tank traps.
  - **Landscaping:** Activities such as the removal or planting of trees and vegetation could disturb archaeological sites. Heavy equipment sometimes used in these activities may also have an adverse effect on archaeological sites.
  - **Construction:** Mission requirements may make construction of new facilities necessary. The excavations for building foundations, utilities, and roads can disturb or destroy archaeological sites. Plans for new construction must be reviewed for Section 106 compliance.
- **Activities Likely to Affect Standing Structures**
  - **Demolition:** Demolition of historic properties should be done only as a last resort. AR 200-1 and DoDI 4715.16 requires that the decision to demolish a facility be justified with a life-cycle economic analysis. Potential reuses of the building must be considered prior to the decision to demolish.
  - **Landscaping:** Landscaping not consistent with a historic property's landscape during its period of significance can diminish the property's historic integrity.
  - **Maintenance and Renovation:** Maintenance activities can destroy or alter features of an historic property that qualify it for inclusion in the NRHP. Replacement of doors or windows with a new type can alter the historic character of a building. Painting with colors inconsistent with those in use during a building's period of significance can also have an adverse effect on a historic property. Facilities maintenance is the responsibility of DPW.
  - **No Action:** Avoidance and neglect of historic buildings and structures can result in deterioration and loss of integrity. A decision not to maintain a historic property is considered an undertaking and requires NHPA Section 106 compliance.

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No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### **SOP #1- IDENTIFYING UNDERTAKING cont. DEFINING THE AREA OF POTENTIAL EFFECT (APE)**

- Area of Potential Effect (APE)
  - the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties, if any such historic properties exist,
  - influenced by the scale and nature of the undertaking and may be different for different kinds of effects caused by the undertaking.
- Generally, the size of the APE will be commensurate with the size of the project, encompassing both potential direct and indirect effects;
- Cumulative effects may also influence the final APE;
- Projects should also take visual impacts into account when determining the APE

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No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



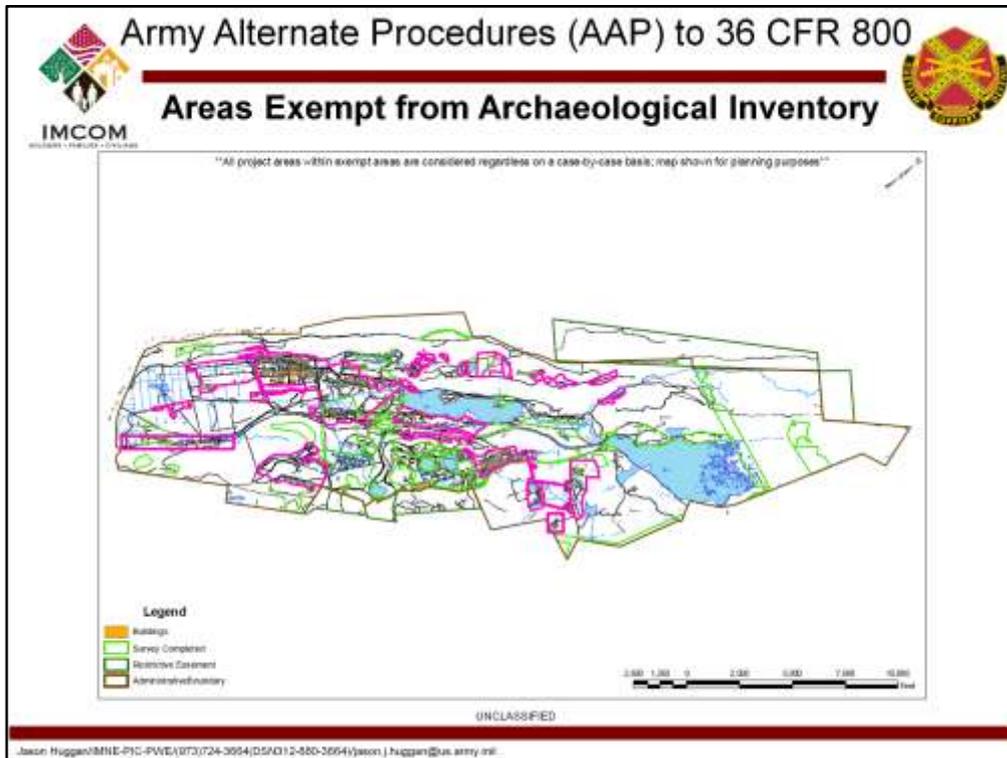
### SOP #2- EXEMPTED UNDERTAKINGS AND CATEGORICAL EXCLUSIONS

- **Imminent threat to human health and safety**
  - In-place disposal of unexploded ordnance; or
  - Disposal of ordnance in existing open burning/open detonation units; or
  - Emergency response to releases of hazardous substances, pollutants and contaminants;
  - Impact areas and surface danger zones when active; or
  - Military activities in existing designated surface danger zones (SDZs); SDZs are temporary in nature and only active during training activities. The exemption will apply to designated impact/dud areas, areas with unexploded ordnance, and SDZs only when actively utilized for training
- **Undertakings addressed through a fully executed nationwide Programmatic Agreement or other Program Alternative executed in accordance with 36 CFR § 800.14 of Section 106 regulations, a Program comment, of a Memorandum of Agreement**
- **Areas Exempt from Archaeological Inventory**
  - Areas with low site potential or limited potential for mission impact;
  - Exempt Excavations - UXO, CERCLA, Geo-Technical Borings, Wetland Delineations, etc;
  - Cantonment / R&D/ Developed Areas
- **General Maintenance and Building Repairs**
  - Maintenance work on open space areas, such as existing features, such as roads, fire lanes, mowed areas, active disposal areas and manmade ditches, waterways, and ponds, when no new ground disturbance is proposed
  - Exterior maintenance upkeep- i.e., roof, walls, doors, windows, porches, entrances, etc. performed in-kind
  - Interior maintenance- Army Contributing Building Interiors Program Comment
- **Natural Resources Management Activities**
  - Tree plantings within cantonment areas, planting and maintenance of wildlife food and shrub plots in previously disturbed areas, and prescribed burning of existing and active ranges;
  - Removal and/or replacement of plant materials when they pose an imminent hazard to people or structures.

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Slide presented was reorganized from original as NTHP representative Betsy Merritt noticed that the sentence about MOAs and PAs was incorrectly joined with Imminent Threat to Human Health and Safety, rather than within its own listing.



To note, Army Headquarters (HQ) and ACHP are beginning to work on a Program Alternative for UXO/Range Impact Areas

Most areas in Ranges that are highlighted purple are Range fans and developed areas where weaponry is prepped, setup, and fired. Green areas are already surveyed for archaeological materials.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #3- IDENTIFYING AND EVALUATING CULTURAL RESOURCES

- Cultural Resources
  - historic properties as defined by the NHPA; cultural items as defined by NAGPRA, archaeological resources as defined by Archaeological Resource Protection Act, sites and sacred objects to which access is afforded under American Indian Religious Freedom Act and collections and associated records as defined in 36 CFR 79
- Criterion A: Event
  - associated with one or more events important in the historic context
- Criterion B: Person
  - associated with individuals whose activities are demonstrably important within a local, State, or national context. The cultural resource must illustrate the person's achievement
- Criterion C: Design/Construction-
  - significant for their physical design or construction, including such elements as architecture, landscape architecture, engineering, and artwork. The historic property, to qualify, must embody distinctive characteristics of a type, period, or method of construction; or represent the work of a master; or possess high artistic value; or represent a significant and distinguishable entity whose components may lack individual distinction
- Criterion D: Information Potential-
  - have yielded, or may be likely to yield, information important to prehistory (pre-contact) or history (post-contact)

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No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### History of Cultural Resource Investigations

#### Building Evaluations

- Historic American Building Survey/Engineering Record Documentation (HABS/HAER)- '82-83, National Park Service
  - Original Arsenal Area
    - 1-100 Area
    - Quarters
    - 150 Area Research Labs
  - 200 Area- Research and Loading Area
  - 400 Area- Gun Bag Loading and Experimental Propellants
  - 500 Area- Powder Factory and Power House Area
  - 600 Area- Ordnance, Powder Blending, and Testing
  - 800 Area- Complete Rounds Area
- Historic Bldg Assessment for Determination of NRHP Eligibility
  - 8 Assessments
- Overall, 1100+ Facilities/Bldgs, Structures, and Objects assessed

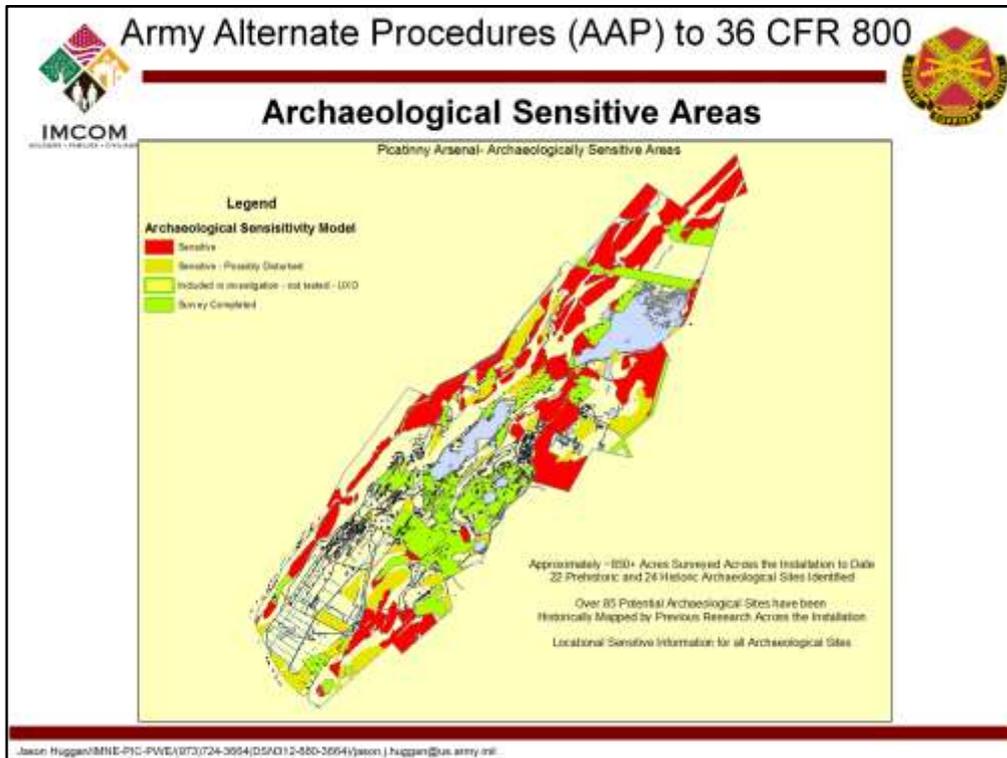
#### Archaeological Evaluations

- Phase IA
  - 4 Historic Background Research reports
  - Over 85 Potential Archaeological Sites documented
- Phase IB
  - 14 Cultural Resource Surveys
  - ~ 850+ Acres Surveyed
  - 47 Archaeological Sites Identified
  - Over 20 Boxes of Artifacts Collected
- Phase II
  - 5 Archaeological Sites Investigated for Determinations of NRHP Eligibility- all Determined as Not Eligible
- Remote Sensing
  - Walton Cemetery- twice
- Sensitivity Assessment
  - ongoing with Integrated Cultural Resource Mgmt Plan (ICRMP) annual update
  - Over 95 Areas across approx 1,825 Acres Identified as Sensitive (including potentially sensitive, yet disturbed areas) for Archaeological Materials

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No further discussion was covered other than as stated above.



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**Army Alternate Procedures (AAP) to 36 CFR 800**

## Historic Buildings and Districts

U.S. Army Garrison, Fort Monmouth, New Jersey  
Heritage Assets: Historic Architectural Resources  
Buildings, Structures and Districts (outlined in green)  
with Accompanying Viewsheds (outlined in red)

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No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #4- ASSESSING EFFECTS

- **Effect:** an alteration to the characteristics of a cultural resource that qualify it for listing in or eligibility for listing in the NRHP
  - **No Historic Properties Affected-** no historic properties present or that there are historic properties present but the undertaking will not alter the characteristics of the resource that qualify it for eligibility for the NRHP;
  - **Historic Properties Affected-** historic properties may be affected by the undertaking, then determine if these effects are adverse.
    - *Finding of No Adverse Effect-* may be an effect, but the effect will not be harmful to those characteristics that qualify the property for inclusion in the NRHP
- **Finding of Adverse Effect:** 36 CFR § 800.5(1): An adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a cultural resource that qualify it for inclusion in the NRHP in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Consideration shall be given to all qualifying characteristics of a cultural resource, including those that may have been identified subsequent to the original evaluation of the property's eligibility for the NRHP. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance or be cumulative. 36 CFR § 800.5(2): Adverse effects on historic properties include, but are not limited to:
  - » (i) Physical destruction of or damage to all or part of the property;
  - » (ii) Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation and provision of handicapped access, that is not consistent with the Secretary's Standards for the Treatment of Historic Properties (36 CFR § 68) and applicable guidelines;
  - » (iii) Removal of property from its historic location;
  - » (iv) Change of the character of the property's use or physical features within the property's setting that contribute to its historic significance;
  - » (v) Introduction of visual, atmospheric or audible elements that diminish the integrity of the property's significant historic features;
  - » (vi) Neglect of a property which causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to a Native Alaskan tribe
  - » (vii) Transfer, lease, or sale of property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property's historic significance.\*

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Jason Huggen/IMNE-FIC-FWE/3TC/724-2054/254012-850-2054/jason.j.huggen@us.army.mil

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #5- INTEGRATING BEST MANAGEMENT PRACTICES

- Meet Identified HPC SOPs and Preservation Goals
- Follow Army Standards / Program Comments
- Similar Design / Previously Existing Similar Projects in Particular District(s)- 'grandfathered' concurrence
- Meet Secretary of Interior's Standards
- Replacement/Renovation in-kind
  - Design
  - Material
  - Color
- Maintain similar appearance for Viewshed Concerns
- Avoidance of Potential Impact(s) to Cultural Resource(s)
- Curation
  - Artifacts recovered through Cultural Resources Management activities must be curated in compliance with 36 CFR § 79, *Curation of Federally-Owned and Administered Archaeological Collections*
  - Bldg 319, Rear Room renovated for Curation compliance
    - Copies of Artifact Catalogs to NJ State Museum

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Jason Huggen/IMNE-FYD-FWDE/DT3/724-2054/02AD12-850-2054/jason.j.huggen@us.army.mil

No further discussion was covered other than as stated above.



# Army Alternate Procedures (AAP) to 36 CFR 800



## SOP #5- INTEGRATING BEST MANAGEMENT PRACTICES, cont.

In-place disposal of unexploded ordnance  
 Ordnance disposal in existing open burning/open detonation units  
 Emergency response to releases of hazardous substances, pollutants/contaminants  
 In-kind maintenance work on existing feature  
 Maintenance of shrub plots in previously disturbed areas  
 Maintenance of existing grounds and landscaping  
 Minimal grading to direct water away from the bases of buildings  
 Paving and repair of streets and driveways with materials and finishes that match existing materials and finishes  
 Replacement and repair of sidewalks and curbing in existing locations with materials that match existing materials and finishes, installation techniques, profiles, color, dimensions, and texture  
 Repair and replacement of existing water, sewage, and heating lines in their present configuration and alignment without altering or damaging existing site features such as vegetation, lighting, sidewalks, steps, and building foundations  
 Repair and replacement of existing electric lines and poles in their present configuration, height and type  
 Removing of ice build-up by methods that will not damage roofing or walls

Routine cleaning of gutters and downspouts  
 Installing new insulation in roof cavity or attic floor  
 Repair or replacement of roofing and flashing using in-kind material  
 Cleaning wall surfaces with standard garden hose water pressure and natural bristle brushes  
 Repair of existing foundation walls, footings, piers, and slabs to match existing materials, installation technique, profiles, and finishes  
 Exterior painting provided that preparation techniques that follow the Secretary of the Interior's Standards to ensure the new paint surface is compatible with the exterior surface material and the original texture and color are matched  
 Painting of metal roofs to retain existing color, with a color identified in design standards, or to restore the historic color scheme  
 Replacement in-kind of existing siding  
 Match existing size, color, and texture of masonry when making repairs  
 General maintenance of doors and windows to insure proper operation  
 Cleaning of windows with standard garden hose pressure and appropriate detergent  
 Reglazing and caulking broken window panes in-kind  
 Replacing and refinishing in-kind window trim  
 Repair of existing window and door screen in-kind  
 Replacement of windows with energy efficient and blast proof requirements in place that match in material, style, size, and finish

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Jason Huggan/IMNE-PIC-FIVE/RTD/724-2054/DSD/12-850-2054/jason.j.huggan@us.army.mil

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #6- HPC ALTERNATIVES REVIEW

- **Avoidance**
  - Siting of projects in areas not containing significant resources can often be achieved with little adjustment or delay in the planning process. Even large-scale projects, such as building and road construction, can often be planned to avoid archaeologically and culturally sensitive areas.
- **Protection**
  - Sometimes undertakings cannot be planned to avoid areas containing archaeological sites and properties of traditional religious and cultural significance. In these instances, it is often possible to protect sites from adverse impacts by physically placing them off-limits. Barriers, markers, signs, and fencing *may be used to protect sites from adverse effects* will include an educational panel and legal implications for disturbing the site. Physical obstructions, combined with verbal instruction and/or special contractual obligations, are usually sufficient to protect sites from activities and inadvertent damage. The marking-off of areas, however, has the disadvantage of potentially alerting the public to the presence of significant resources. *If protection is only necessary during construction activities, and future use of the project area will not include any impacts to the eligible or listed property, archaeological monitoring during construction may be appropriate. The archaeological monitor would be in place to ensure that no inadvertent damage was inflicted to a property during construction activities and would also be available for unanticipated discoveries.*
- **Minimize Impact**
  - seeks to limit construction impacts to temporarily protect a resource until permanent treatments can be applied, and/or to control the impacts through monitoring and oversight.
- **Preserve, Rehabilitate or Restore the Affected Environment**
- **Adaptive Reuse**
- **Ongoing Preservation and Maintenance**
- **Mothballing**

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Jason Huggan/IMNE-FIC-FW/E(OTC)/24-2054/02AD12-850-2054/jason.j.huggan@us.army.mil

ACHP representative Chris Wilson reviewed that he is currently working with other Army HQ staff on other alternatives which may meet this SOP for mitigation and treatment of potential adverse effects



# Army Alternate Procedures (AAP) to 36 CFR 800



## SOP #7- TREATMENT OF ADVERSE EFFECTS

**Mitigations Measures for Archaeological Sites**

- Traditionally focused around data recovery or excavation of the site (requirements for documentation are set forth in NPS' *Recovery of Scientific, Prehistoric, Historic, and Archaeological Data: Methods, Standards, and Reporting Requirements (1977)* and the *Secretary of the Interior's Standards and Guidelines: Archaeology and Historic Preservation (48 FR 44716, 1983)*) in order to record and preserve the information and material contained in the site prior to the occurrence of impacts.
- Excavation and data recovery is not the only mitigation alternative for archaeological sites. Other possible mitigation strategies include any one or combination of the following:
  - Total avoidance of the site
  - Capping of the site
  - Partial excavation of the site and protection of the remainder through the use of barriers, fences or other protective measures, including encapsulation with a layer of protective soil or other matrix
  - public interpretation developed and coordinated with the Public Affairs Office and Stakeholders
  - mitigation at a different, yet similar, archaeological site other than the one to be impacted
  - sampling the universe of eligible sites that will be impacted and which need to be mitigated (for large scale projects) and protection of the remainder
  - combination of these or other mitigation measures may also be explored

**Mitigations Measures for Historic Buildings/Districts**

- Historic Narrative (as agreed to in RPMP FRP PA) rather than Level II Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) documentation
- Reuse or mothball for future reuse
- Salvage of demolition debris
- Educational materials and/or public interpretation developed and coordinated with the Public Affairs Office and Stakeholders
- Relocation

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NTHP representative Betsy Merritt mentioned that other mitigation for the demolition of Historic Properties could be a preservation plan for similar buildings that were going to be preserved, along with a commitment by the Garrison to restore other Properties to their Historic Period of Significance for other demolition that may occur.

ACHP representative Chris Wilson and IMCOM NERO representative Jennifer Guerrero also stated that the Army's Compatible Use Buffer Program (ACUB) could be utilized for similar buildings and archaeological sites located off-base to be researched, restored, and investigated further, as examples of mitigation for Historic Properties to be affected on the installation. This is something Picatinny is looking into for protecting its Range Safety Buffers. The ACUB Program has proven successful at Ft. AP Hill, Virginia for similar historic property mitigation.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #8- DOCUMENTING ACCEPTABLE LOSS

*USAG Picatinny must first document why SOPs 5-7 cannot be achieved*

- Use of this SOP should be rare, as other mechanisms for compliance with Section 106 under the AAP process will reduce the need to make acceptable loss determinations (ie. Best Mgmt Practices)
- *A cost analysis associated with mitigation is not a justification for use of this SOP*

If no other alternative can be achieved, a **documentation package** should be prepared for the consulting parties who (through previous consultation) have expressed an interest in the type of property under consideration, and to the ACHP to include:

- Letter from the Garrison Commander stating the intent to document acceptable loss;
- Discussion of how the installation applied the procedures in SOPs 1-7, and the outcome of each of these steps; and
- Rationale as to why treatment of adverse effects should not be considered

The Garrison Commander will allow 30 days for Consulting Parties and the ACHP to submit comments to this documentation

- *At the close of the review period, the Garrison Commander in consultation with the CRM, will consider any comments received in making a final determination on the project.*

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AEC representative Karl Kleinbach stated that this SOP has yet to be used by installations with AAP already in place.

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #9- HPC ANNUAL REVIEW AND MONITORING

USAG Picatinny will provide Stakeholders with an **annual report addressing how the installation has met the requirements and goals of the HPC Plan over the past year**

- Performed in addition to project-based NEPA reviews
- To review past undertakings, discuss upcoming undertakings, and review SOPs
- Consulting Parties who want to see or visit particular historic properties that were dealt with under the HPC during the review period must contact USAG Picatinny so that appropriate arrangements can be made
- Since it is unlikely that all consulting parties will have the same interest in the varying resources of the installation, USAG Picatinny may meet at different times with those consulting parties interested in archaeological sites and properties of traditional religious and cultural significance versus those interested in historic buildings, structures, objects, or districts

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No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800

### SOP #10- OBTAINING TECHNICAL ASSISTANCE



Sets the foundation for arrangements that USAG Picatinny can make to obtain technical assistance from qualified organizations (Consulting Parties, Federally-Recognized Native American Tribes, Federal agencies, Interested Stakeholders, and other organizations).

- **Partnerships**
  - develops partnerships for the completion of collaborative research and work. Emphasis on developing formal partnerships will be placed on signatories of this HPC and that have expertise in areas that complement USAG Picatinny's cultural resources staff. Examples of types of services that may be desirable through partnering include, but are not limited to:
    - Federally-recognized Tribes with information on properties of traditional, religious and cultural significance.
    - Entities that have the ability to prepare HABS documentation.
    - Entities that have the ability to perform archaeological excavations to meet mitigation requirements.
- **Cooperative Agreements**
  - Cooperative Agreements established by AEC provide Army organizations a means to obtain professional cultural resources support from organizations such as universities, Federally-recognized Tribes, not-for-profit, and for profit organizations. The Cooperative Agreements involve stakeholders in promoting effective, long term, sound stewardship of the Army's historic properties. The stakeholder organizations offer flexibility and expertise to promote excellence in all cultural resources program areas.
- **Service Contracts for Technical Assistance**
  - Ongoing need for technical expertise related to the identification, evaluation, and treatment of historic properties, and obtains service contracts between the installation and qualified organizations to meet those needs;
  - Prospective contractors must meet professional standards as outlined in the *Secretary of the Interior's Professional Qualifications Standards* (48 FR 44738-9).

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Jason Huggen\IMNE-PIC-FWDE\DTI\724-2054\25AD12-85D-2054\jason.j.huggen@us.army.mil

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #11-INADVERTENT DISCOVERIES AND EMERGENCY ACTIONS

- The contractor or project manager shall notify the CRM immediately of the discovery, who will then notify the NJ HPO within 48 hours. The CRM will provide assessment of NRHP eligibility and actions to resolve adverse effects. The NJ HPO shall respond with comments within 48 hours;
- All work shall cease in the area of the discovery;
- The cultural resource is to be treated as NRHP eligible and avoided until an eligibility determination is made. The CRM will continue to make reasonable efforts to avoid or minimize harm to the resource until NHPA, or NAGPRA requirements are met;
- The CRM will develop and implement actions taking into account the adverse effects of the undertaking on the cultural resource to the extent feasible and any comments provided by the NJ HPO pursuant to 36 CFR Part 800.13(b);
- In the event unintentional partial damage occurs to an NRHP eligible archaeological site or previously unidentified/unknown eligibility archaeological site, the project manager or construction supervisor will notify the CRM of any damage immediately;
- The CRM will document any damage both photographically and in a written summary report;
- The CRM will determine if limited excavation should be conducted to collect available data or if the site context may be stabilized. If disturbance was the result of construction plans not accounting for a known site and such construction will further damage the site, the CRM will ensure that no further damage occurs until consultation with the NJ HPO is completed concerning appropriate mitigation actions;
- The CRM will develop a treatment plan for the limited data recovery stabilization;
- The CRM shall submit the treatment plan for review and concurrence by the NJ HPO and to ensure it meets the Secretary of the Interior's Standards. If the NJ HPO agrees, then the treatment plan may be implemented;
- If stabilization only is planned, then the CRM will inform the project manager and contracting officer of the appropriate specifications must be included within the contract;
- If data recovery is recommended, then the CRM will implement a data recovery plan. All work in the immediate area of the discovery shall cease until the archaeological investigations are completed;
- The project manager will familiarize the contractor with significant archaeological features (both above ground and below ground) for necessary protective measures;
- The project manager and/or the CRM will monitor the contractor's activities to ensure the integrity of the cultural resource;
- The CRM should make sure the artifact collection is retained and properly curated in accordance with 36 CFR Part 79;
- The CRM will submit a thorough report with photographs of the investigation taken upon completion of the fieldwork and the project to the NJ HPO to document compliance. All fieldwork and report(s) produced must meet NJ HPO's Standards as found at <http://www.state.nj.us/dap/hpo/identify/survarkeo.htm>; and
- The CRM shall retain all documentation of the project, including work write-ups, field reports, and photographs, as part of the permanent project records.

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Jason Huggan/IMNE-FIC-FIVE(973)724-2054/DAI12-850-2054/jason.j.huggan@us.army.mil

Matches Attachment D in RPMP FRP PA.

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #12- GOVERNMENT-TO-GOVERNMENT CONSULTATION WITH TRIBES

- Consultation is communication that emphasizes trust and respect. It is a shared responsibility that allows an open and free exchange of information and opinion among parties that leads to mutual understanding and comprehension. Consultation is integral to a process of mutually satisfying deliberations to result in collaboration and joint decision making
- Participation is effective, mutually satisfactory, joint decision-making. In true participation, an individual is not required to endorse or accept unilateral decisions made by either party. Consultation with, and participation of relevant Tribes should occur as early and often as needed or desired by all parties. It should be facilitated and remain meaningful throughout the relevant projects and processes from their initiation until a mutually satisfactory conclusion is reached
- Tribal initiation of consultation and meaningful participation may occur at any time throughout the projects/process. USAG Picatinny and each Tribe, according to their internal procedures and protocols, will designate Government-to-Government representatives for consultation purposes
  - Performed with Gov't-to-Gov't Initiation Letter signed 14 February 11

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IMCOM NERO representative Jennifer Guerrero asked if the Tribes had responded to the Government-to-Government consultation letter; Jason Huggan stated that no Tribes had responded, but that the Delaware Nation of Oklahoma was going to be represented during the conference call.

No further discussion was covered other than as stated above.



# Army Alternate Procedures (AAP) to 36 CFR 800



## SOP #13- SHARED DATA AND PROTOCOL FOR REQUEST OF INFORMATION

### Protocols established for Data User/Requestor based upon:

- Sharing of data based upon need to know, pre-established method(s) (listed within HPC), written request, location of document (ie. local library), special request with Picalinny personnel, etc.
- Consulting Parties, Federally-Recognized Native American Tribes, Advisory Council on Historic Preservation, NJ HPO, Picalinny and Army/Navy personnel (with a need to know)), City government officials, Government and research organizations, Other military installations, Local universities, State historical society, State and County museums, Federal agencies, Accredited professional archeologists, historians, and related, professional research individuals, Other ethnically affiliated groups, Local/Regional historical societies, Interested Public, Interested individuals, Local interest groups, Veterans groups, etc.

#### NEPA Documents

- Record of Environmental Consideration (REC)
- Draft Environmental Impact Statement (DEIS)
- Environmental Impact Statement (EIS)
- Programmatic Environmental Impact Statements (PEIS)
- Finding of No Significant Impact (FONSI)
- Environmental Assessment (EA)
- Supplemental Environmental Assessment
- Record of Decision (ROD)
- Notice of Intent (NOI)
- Notice of Availability (NOA)

#### Historic Property Management Documents

- Archeological Site Reports (excluding site location information, protected under ARPA)
- Historical Reports
- Management Plans
- Historic Structures Reports
- Installation Design Guide (IDG)
- Memoranda of Agreement, Programmatic Agreements, Program Comments, and Cooperative Agreements (including attachments)
- Consultation records (meeting minutes, correspondence, etc.)
- Integrated Cultural Resource Management Plan (ICRMP), including the HPC

#### Data Documents and Collections

- Archeological, Historical, and Building Databases
- GIS Data
- GPS Data
- Map Data
- Archeological Collections

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The Picatinny PEMS and the Cultural Resource website were briefly discussed as a way to get information, like some of the above listed documents, out to the public.

No further discussion was covered other than as stated above.



## Army Alternate Procedures (AAP) to 36 CFR 800



### SOP #14- INSTALLATION PERSONNEL TRAINING

- Archaeological Protection (Installation Police)
  - concern for hunters, land trespassers, etc.
  - Standards of Archaeological Resources Protection Act (ARPA)
  - To be designed in-house and based on training administered by the FBI
- Preservation Maintenance (Bldg Mgrs, Installation Engineers, and Planners/Estimators)
  - Given by Corps of Engineers, Center of Expertise for the Preservation of Historic Buildings and Structures- 18-19 May 2011
  - Updated and given in-house thereafter

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It was briefly discussed that both of these training sessions would be given to appropriate personnel as large groups of new employees are hired, bi-annually, once every 5 yrs, or as needed.

AAP SOPs will be discussed during training sessions as applicable/needed.

No further discussion was covered other than as stated above.



# Army Alternate Procedures (AAP) to 36 CFR 800



## Basic Standard Operating Procedures (SOP)



### Historic Bldg SOPs

- Service Orders and General Maintenance
  - Exempt Undertakings – Building Interiors
- IJOs via the Annual Work Plan (AWP) Projects
  - Renovations and Alterations
  - Anti-Terrorism Force Protection, Safety, and Americans with Disabilities Act Upgrades
  - Rehabilitations and User Upgrades
  - Unified Facilities Criteria
  - Design Build
  - Exterior Colors of Buildings (Including Brick Matching)
- Historic District Fluidity / Continuity
  - Viewsheds
  - Landscaping
  - Character Features (ie. Sidewalks, etc.)
- Historic Building Assessment Standards
  - Identification and Eligibility

### Ground Disturbance SOPs

- Archaeological Survey Standards
  - New Construction and Determination of Area of Potential Effects
  - Exempt Excavations - UXO, CERCLA, Geo-Technical Borings, Wetland Delineations, etc.
  - Phase I Identification
  - Phase II Evaluation
  - Data Sharing and Dissemination of Data
- Resolving Adverse Effects and Inadvertent Discoveries
  - Emergency Actions and Post Review Incidences

### General Consultation and Management SOPs

- Desired Condition of Historic Districts, Buildings, and Archaeological Sites
  - Monitoring and Ongoing Mgmt of Historic Properties
  - Cemetery Maintenance
- Coordination, Consultations, and Meetings
  - Tribal Relations
  - Site Visits
  - Public Outreach

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Jason Huggan@MNE-PIC-FWVE@DTC724-2054-D5/D12-450-2054/jason.j.huggan@us.army.mil

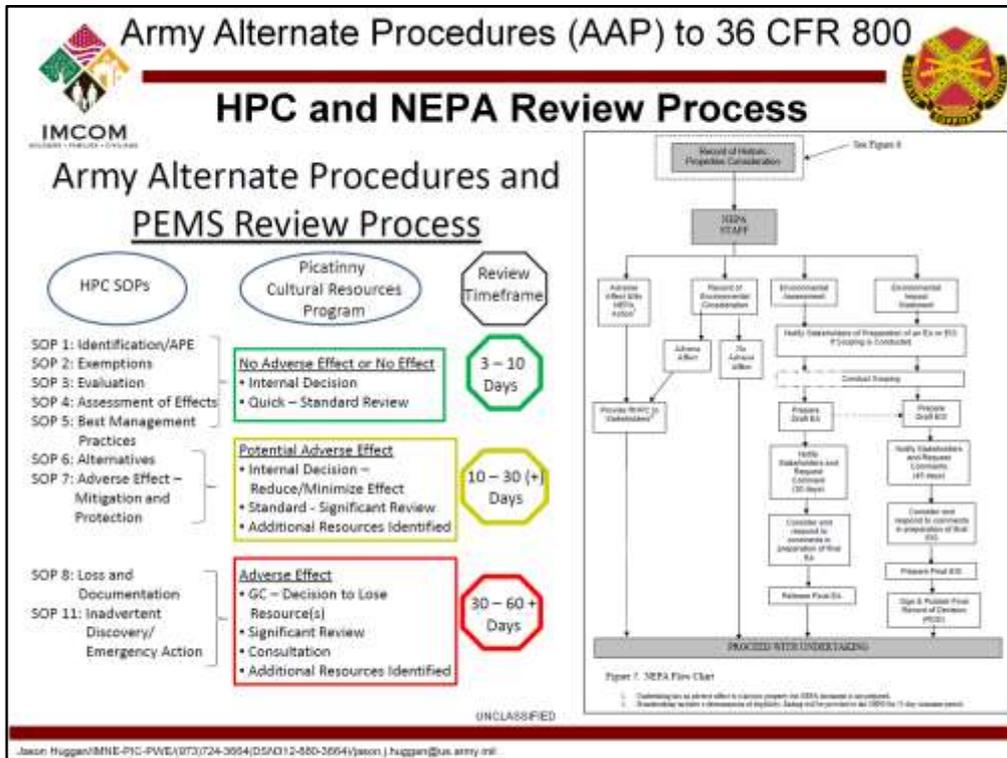
ACHP representative Chris Wilson and NTHP representative Betsy Merritt mentioned that Picatinny should use the Prototype Voluntary PA the ACHP is working with the Army on Historic Property Interiors as guidance for SOPs and the HPC Plan.

AEC representative Karl Kleinbach confirmed per a question from NTHP representative Betsy Merritt about when in the SOP process Picatinny would be consulting; this would be at the adverse effect determination level.

Updates about projects would also be provided during the Annual Review document/meeting.

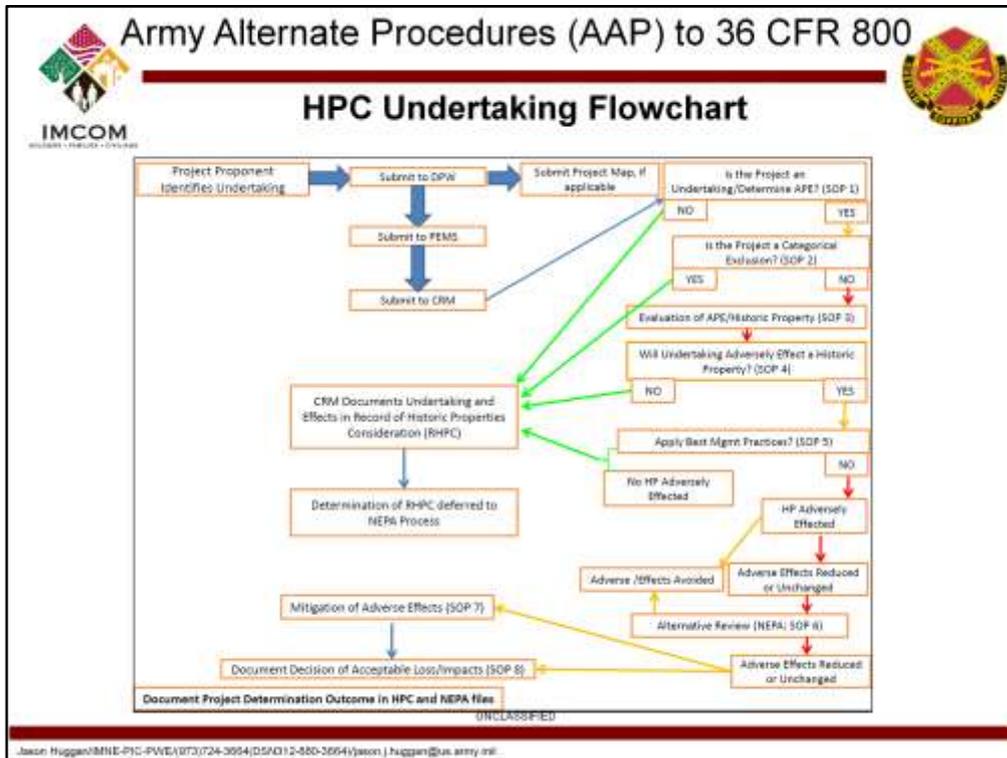
General discussion took place between ACHP representative Chris Wilson, NTHP representative Betsy Merritt, AEC representative Karl Kleinbach, and NJ HPO representative Jonathan Kinney in reference to SOPs 7 (Treatment of Adverse Effects) and 8 (Documentation of Acceptable Loss) and when Picatinny would be notifying Stakeholders about Adverse Effects, and when/how they occurred and were mitigated. Jonathan and Betsy asked for steps to be put in place in SOP 7 for consulting with the Stakeholders about the project(s) to address the Adverse Effect then, rather than after the loss has already occurred as in SOP 8. Both also asked if Chris and Karl would confirm with Army HQ and Legal on the applicability and possibility to join these SOPs together so that Stakeholders could be notified before a Historic Property is adversely affected. It was also discussed that quarterly emails and/or informal meetings, phone calls, or emails could assist Picatinny in making the appropriate Determination of Adverse Effect prior to SOP 8 and the proper mitigation to address the issues, if needed.

***An update on the topic above of addressing Adverse Effects, and SOPs 7 and 8 will be given to the Stakeholders after AEC and ACHP confirms further discussion(s) with Army HQ and Legal.***



NTHP representative Betsy Merritt asked how many Environmental Assessments Picatinny does during a typical year, Jon Van De Venter stated that it is usually about 5-10, while Records of Environmental Consideration are on a more frequent basis.

Flowcharts shown as example only and may not be typical for every project.



Flowchart shown as example only and may not be typical for every project.

Record of Historic Properties Consideration (RHPC) form next slide



# Army Alternate Procedures (AAP) to 36 CFR 800



## Undertaking Project Form

### Record of Historic Property Consideration Cultural Resources Review

*"All undertakings not documented in the President Environmental Impact System (PEIS). This form shall be completed if Historic Properties are identified to be potentially affected by an undertaking and/or are proposed actions (SOP 2, PEIS Waiver)."*

#### SOP 1. Description of Undertaking Project

1. Work Order # / PDMS # / ID: \_\_\_\_\_

2. Purpose: \_\_\_\_\_

3. Project Description: \_\_\_\_\_

4. Location: \_\_\_\_\_

5. Area of Potential Effect (APE): \_\_\_\_\_

#### SOP 3. Historic Properties Affected and APE

6. Historic Properties Eligible for the National Register: \_\_\_\_\_

7. If ground disturbance is to occur, has the APE been surveyed as to if potentially disturbed? If disturbed, by what? \_\_\_\_\_

8. Have NEPA comments received for similar project(s)? (See HPO Log # for reference and attach as needed) \_\_\_\_\_

#### SOP 4. Assessment/Identification of Historic Properties Affected

9. Will the Project affect character-defining features of the identified Historic Property and/or Historic District? If so, how: \_\_\_\_\_

#### 10. Proposed Project M&M

a.  Directly remove, alter (m.) historic/resources of the Historic Property

b.  Repair historic/resources in-kind

c.  Alter or remove historic/resources of a Historic District/landscape/characteristic historic/noncommercial setting

d.  Disturb, destroy, or make archaeological resources inaccessible or otherwise

e.  Potentially affect previously unidentified cultural resources

f.  Contribute to destruction of historic type, setting, landscape, character, or archaeological resources

g.  Real Property Transactions (Acquisition, Lease, Exchange, etc.)

h.  Motor Vehicle for Exclosure or 2010 EPH/TFP (MCA/Deed)

i.  Proprietary Agreements

j.  If so, how or which legislation: \_\_\_\_\_

k.  Other (specify): \_\_\_\_\_

#### SOP 5. Best Practices Used to Avoid/Reduce Adverse Effects (explain)

\_\_\_\_\_

#### SOP 6. Alternatives Reviewed to Assess Feasibility of Avoiding/Reducing Adverse Effects (explain)

\_\_\_\_\_

#### SOP 7. Mitigation Measures Implemented for Treatment of Adverse Effects (explain, and also list the adverse effects could not be avoided)

\_\_\_\_\_

#### SOP 8. Document Decision of Acceptable Loss (attach copy of Decision Memorandum by the DPM/Deputy letter to the USFWS and/or the Advisory Council on Historic Preservation and any other appropriate correspondence with Consulting Parties/DFAC, and their comments, include email if applicable)

\_\_\_\_\_

\_\_\_\_\_

Documents Attached: \_\_\_\_\_

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Example of a RHPC Project Form for Undertakings



## Army Alternate Procedures (AAP) to 36 CFR 800



### Historic Property Component Plan Table of Contents/Organization

- INTRODUCTION with Army Goals for Cultural Resource Management and Management Responsibilities
  - Historic Property Types
- PLANNING LEVEL SURVEY
  - Identified Cultural Resources
  - Archaeological Sensitivity Modeling
  - Inventory Data Gaps
- CATEGORIZED UNDERTAKINGS and ARMY-WIDE EXEMPTIONS/CATEGORIAL EXCLUSIONS
- MANAGEMENT GOALS AND PRACTICES
  - Best Management Practices
- STANDARD OPERATING PROCEDURES FOR INSTALLATION DECISION MAKING (shown during presentation)
- APPENDICES
  - Glossary and Acronyms
  - Archaeological Site Catalog
  - Historic Buildings Assessment Catalog
  - Photo Collage of Historic Districts and Properties (separated by District demonstrating yr built, prior use(s), renovations, District period of significance, etc.)
  - Existing Picatinny Arsenal Agreements
  - Applicable National Register Bulletins and Sections from DoD Design Guidelines to Historic Buildings and Districts
  - Secretary of Interior's Standards for the Treatment of Historic Properties
  - Supplemental Information for Identification and Evaluation of Previously Unevaluated Properties- Field Forms, Phase I/II/III Standards, Photography, Building and Structure Assessments, HABS/HAER Level II Documentation Standard
  - World Wide Web Links
  - Environmental Setting Summary

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No further discussion was covered other than as stated above.

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## Timelines

- Proposed Timeline and Milestones- TBD based on Meeting
- Ensure signature before end of Calendar Year 2012?

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After the meeting minutes are completed a more stable timeline and milestone(s) would be produced for the Stakeholders by Picatinny, but ensure the signatures by the end of Calendar Year 2012 seems accurate.

IMCOM NERO representative Jennifer Guerrero confirmed that Picatinny is asking for Fiscal Year 2012 funds to assist in completing the HPC and SOP development. Jason Huggan concurred and also stated that the document has been started in-house, but will probably be completed by an outside contractor.



## Open Discussion for Afternoon Session

- I. Anti-Terrorism/Force Protection (AT/FP) Standards
- II. Dept. of Defense Energy Standards
- III. Explosive Safety Standards
- IV. In-Kind Building Materials
- V. Building Interiors
- VI. Historic Building Renovation Concerns
- VII. Areas Exempt from Archaeological Inventory and Active/Inactive Range Footprints
  - I. Unexploded Ordnance and Impact Areas
  - II. Archaeology and Historic Bldg Survey Standards
  - III. TBD/Etc.

**Action Required** – Develop SOPs and Draft HPC based on Meeting Discussions and Represented Parties Concerns

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The group took a lunch break at 1155.



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**Anti-Terrorism/Force Protection (AT/FP)  
Standards Discussion**

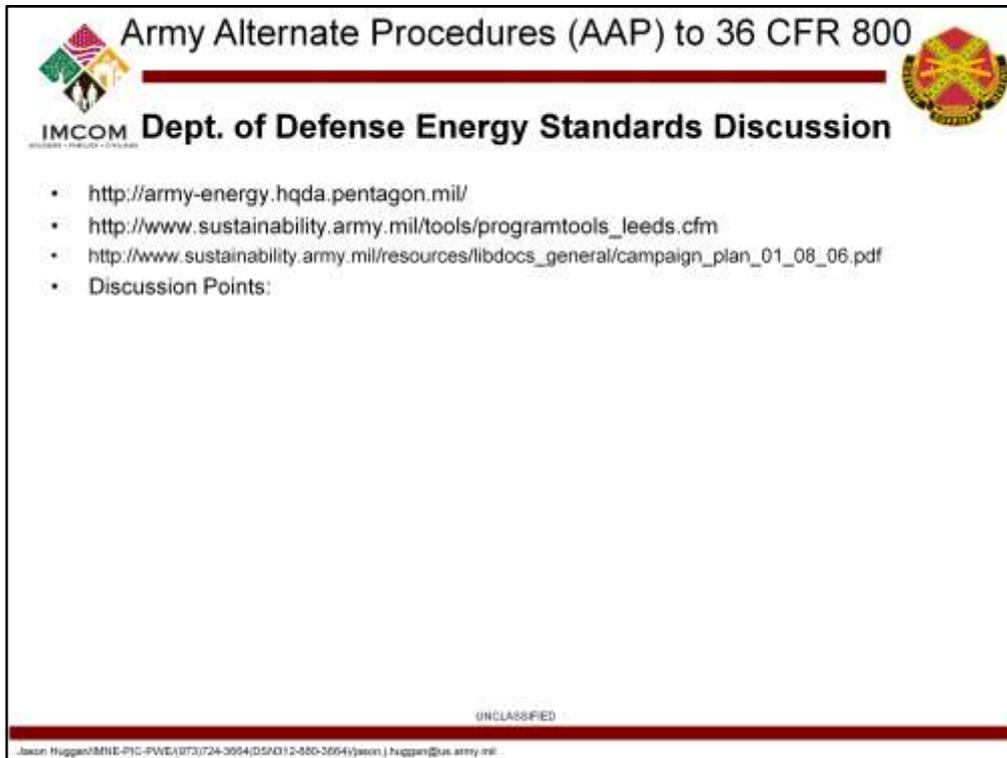
- [http://www.wbdg.org/ccb/DOD/UFC/ufc\\_4\\_010\\_01.pdf](http://www.wbdg.org/ccb/DOD/UFC/ufc_4_010_01.pdf)
- Discussion Points:

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NTHP representative Betsy Merritt asked if the document listed above and the others discussed during the Afternoon Session would be available for the Stakeholders review. Jason Huggan confirmed that documents available for public release would be listed on the Picatinny Cultural Resources Website along with the meeting minutes.

No further discussion was covered other than a brief review of general AT/FP topics and concerns.



The slide features a header with the Army logo on the left and the text "Army Alternate Procedures (AAP) to 36 CFR 800" in a large, bold font. Below this is a red horizontal line, followed by the IMCOM logo and the text "Dept. of Defense Energy Standards Discussion". On the right side of the slide is the Army Energy logo. The main content area contains a bulleted list of three URLs and the text "Discussion Points:". At the bottom of the slide, the word "UNCLASSIFIED" is centered, and a small footer contains the text "Jason Huggan/IMNE-PIC-FWVE/DT3/T24-2054/D5AD12-880-2054/jason.j.huggan@us.army.mil".

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IMCOM Dept. of Defense Energy Standards Discussion

- <http://army-energy.hqda.pentagon.mil/>
- [http://www.sustainability.army.mil/tools/programtools\\_leeds.cfm](http://www.sustainability.army.mil/tools/programtools_leeds.cfm)
- [http://www.sustainability.army.mil/resources/libdocs\\_general/campaign\\_plan\\_01\\_08\\_06.pdf](http://www.sustainability.army.mil/resources/libdocs_general/campaign_plan_01_08_06.pdf)
- Discussion Points:

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ACHP representative Chris Wilson stated that the ACHP and the National Park Service have new sustainability standards for historic properties.

IMCOM NERO representative Jennifer Guerrero also gave a brief background on LEED Standards and energy independence requirements that each Army Garrison must abide by and achieve by 2015.

AEC representative Karl Kleinbach asked about Picatinny's Environmental Management System and ISO Standards. Jason Huggan confirmed that Picatinny is self-certified as ISO 14001 Certified

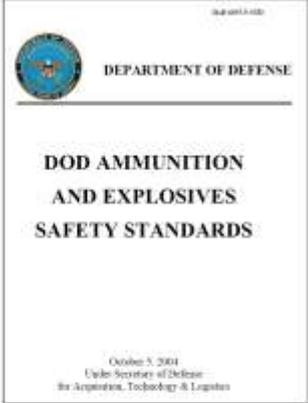
Direct weblinks to websites are provided.

Army Alternate Procedures (AAP) to 36 CFR 800



## Explosive Safety Standards Discussion

- <http://www.ddesb.pentagon.mil/DoD6055.9-STD%205%20Oct%202004.pdf>
- Discussion Points:



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It was briefly mentioned by Jon Van De Venter that similar Dept. of Defense Arsenal and Depots like Picatinny also follow these Standards for their facilities.

No further discussion was covered other than a brief review of general Explosive Safety Standards and concerns in the sense of matching building materials back (ie. wood to wood replacements can no longer be met as Explosive Safety Standards require metal as the required material).

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**In-Kind Building Materials Discussion**

- Discussion Points:

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NTHP representative Betsy Merritt briefly discussed that the main concern for in-kind building material matching is usually window replacements.

ACHP representative Chris Wilson, confirmed this and provided some input with net cost of new windows and life-cycle repairs.

Jason Huggan confirmed that often Picatinny Garrison has to maintain wood windows with painting, caulking, and repairs for air gaps and that is where the cost of replacing windows often comes in. Additionally, AT/FP Standards require existing wood windows to be thicker sometimes as well, that sometimes replacement is the best option.

 Army Alternate Procedures (AAP) to 36 CFR 800 

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**Building Interiors Discussion**

- Discussion Points:
  - Majority of historic properties previously renovated past the facility's historic period of significance
  - Interior historic elements remain?
  - ACHP/Army Program Comment

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Jason Huggan/IMNE-PIC-PWE/DT3/T24-3054/D5AD12-85D-2054/jason.j.huggan@us.army.mil

ACHP representative Chris Wilson provided input about the Prototype Voluntary PA the ACHP is working with the Army on Historic Property Interiors. The draft PA is currently out for Stakeholder review and input.

NTHP representative Betsy Merritt asked if an Interior Survey had ever been done at Picatinny. Jason Huggan confirmed that it had not, and that most of the active Administrative facilities had been renovated over time. She stated that having one done would be a cost savings benefit for future projects. Jason mentioned that if time allows he was going to insert a table into the HPC listing Historic Properties and when interior renovations had occurred by looking at Real Property records and talking with Facility Managers. This could then be expanded upon by walking through all the facilities that are National Register eligible.

Furthermore, it was mentioned by Jason Huggan that the majority of Cold War properties have not been renovated since they were constructed considering they were built for a specific purpose(s) or use.



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Historic Building Renovation Concerns/Discussion



- Discussion Points:

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Jason Huggen/IMNE-PIC-PWVE/DT3/724-3054/DSAD12-880-2054/jason.j.huggen@us.army.mil

No pertinent discussion was covered considering similar topics to Historic Building renovations were addressed earlier during the Afternoon Session.

Direct weblink to the Dept. of Defense, Legacy Resource Management Program Report, *Design Guidelines for Department of Defense Historic Buildings and Districts* will be provided on the Picatinny Cultural Resources Website

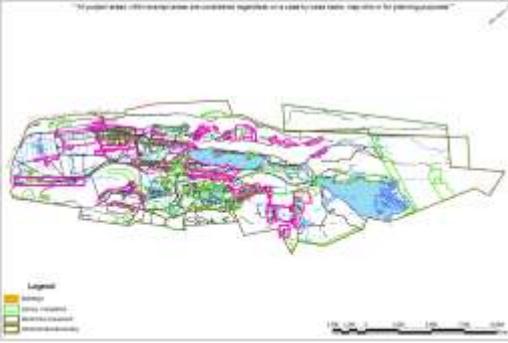
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**Areas Exempt from Archaeological Inventory**

**Discussion**




\* Discussion Points (Slide 14):



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Jason Huggan/IMNE-PYC-IPWE/DT3/724-3054/OSAD/12-880-2054/jason.j.huggan@us.army.mil

NJ HPO representative Vincent Maresca mentioned concerns about determining Areas of Potential Effect (APE) and determinations of adverse effect for archaeological sites.

Map is shown for planning purposes only, each project area will be assessed individually for archaeological survey verification, but the map would be used as a basis for exempting certain paved and disturbed areas where the likelihood of impacting archaeological materials is minimal.

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## Unexploded Ordnance and Impact Areas Discussion

- [http://www.paerab.us/MMRP/Map\\_from\\_Si\\_report.pdf](http://www.paerab.us/MMRP/Map_from_Si_report.pdf)
- Munitions Response Sites (MRSs) under the MMRP RI
  - 1926 Explosion Radius (PICA-003-R-01)
  - 1926 Explosion Radius – Off-Post (PICA-004-R-01)
  - Green Pond (PICA-005-R-01)
  - Former Operational Area (PICA-006-R-01)
  - Lakes (PICA-008-R-01)
  - Shell Burial Grounds (PICA-010-R-01)
  - Lake Denmark – Off-Post (PICA-012-R-01)
  - Inactive Munitions Waste Pit – Off-Post (PICA-014-R-01)
- Fieldwork to Start ~ October 2011
- Discussion Points:

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Jason Huggen/IMNE-PIC-PW/E(OT3)T24-2054/D2AD12-850-2054/jason.j.huggen@us.army.mil

NJ HPO representative Vincent Maresca mentioned concerns with artifacts and the judgment by UXO personnel on determining historic significance of archaeological materials for disposal and salvage for curation. He also stated that if ordnance must be disposed of, historic research and examples could be cited as evidence of what is being documented for future analyses.

ACHP representative Chris Wilson gave a brief background about the Program Alternative the Army is working with the ACHP for UXO and Range Impact Areas



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**Archaeology and Historic Bldg Survey Standards**  
**Discussion**

- Discussion Points (Slide 17- Archaeology):
  
  
  
  
  
  
  
  
  
  
- Discussion Points (Slide 18- Historic Bldg):

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Jason Huggan\IMNE-FYD-FWDE\DT3\724-3054\02AD12-880-2054\jason.j.huggan@us.army.mil

AEC representative Karl Kleinbach asked if site specific standards had been developed or considered for Picatinny; Jason Huggan stated no, but that he could look into including it in the HPC. For example, historic site standards could be for farmsteads that might be expected within certain facility areas based on historic maps such as the 1867 Iron Mines map of Morris Co. ([http://mapmaker.rutgers.edu/Morris/Iron\\_mines\\_MorrisCo.jpg](http://mapmaker.rutgers.edu/Morris/Iron_mines_MorrisCo.jpg)) Additionally, the same could be done for prehistoric sites by utilizing the sensitivity model, topographic maps, and suspected locations of Native American sites by the 1994-96 Waterways Experiment Station report.



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## TBD/Etc./Closing Discussions

- Discussion Points

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Jason Huggan/IMNE-PIC-PWDE(OTC/T24-3054/D5AD12-88D-2054)/jason.j.huggan@us.army.mil

No further topics discussed.

Meeting concluded at 2:40pm.