



REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
INSTALLATION MANAGEMENT COMMAND  
HEADQUARTERS, U.S. ARMY GARRISON FORT WAINWRIGHT  
1060 GAFFNEY ROAD #6000  
FORT WAINWRIGHT, ALASKA 99703-6000

FWA-PA-1015

RECEIVED

OCT 12 2010

OHA

PROGRAMMATIC AGREEMENT  
BETWEEN  
THE UNITED STATES DEPARTMENT OF THE ARMY  
AND  
THE ALASKA STATE HISTORIC PRESERVATION OFFICER REGARDING  
THE OPERATION, MAINTENANCE, AND DEVELOPMENT OF THE ARMY  
INSTALLATION AT FORT WAINWRIGHT AND ASSOCIATED TRAINING AREAS

**WHEREAS**, the United States Army Garrison, Fort Wainwright (USAG FWA) proposes to continue to coordinate and administer an ongoing program of operation, maintenance, and development on Fort Wainwright (FWA) and associated training areas; and

**WHEREAS**, USAG FWA has determined that the aforementioned program, which may include ongoing operations, training, maintenance and repair, rehabilitation, renovation, mothballing, cessation of maintenance, new construction, demolition, deconstruction and salvage, and remediation activities, may have an effect on properties eligible for listing on the National Register of Historic Places (National Register) and USAG FWA has consulted with the Advisory Council on Historic Preservation (ACHP) and the State Historic Preservation Officer (SHPO) pursuant to Section 800.14(b) of the regulations (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act (NHPA) of 1966 (16 U.S.C. 470f); and

**WHEREAS**, FWA and associated training areas are understood to be the properties indicated on the map in **Exhibit C**; and

**WHEREAS**, individually eligible buildings on FWA, Ladd Field National Historic Landmark (NHL) (FAI-00236)<sup>1</sup> and the Ladd Air Force Base Cold War Historic District (HD) (FAI-01288) identified in **Exhibit D** are eligible for listing on the National Register; and

**WHEREAS**, properties listed in **Exhibit E** are less than forty-five (45) years old or are not National Register eligible properties; and

**WHEREAS**, the properties listed in **Exhibit F** on FWA have been addressed under Nation-wide Program Alternatives including Program Comments for Capehart-Wherry Era Family Housing, Cold War Era Unaccompanied Personnel Housing, and World War II and Cold War Era Army Ammunition Storage Facilities; and

**WHEREAS**, the FWA lands shown in **Exhibit G** have been disturbed by modern construction and development activities; and

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<sup>1</sup> Alaska Historic Resources Survey identification number; FAI -XXXX

**WHEREAS**, the areas shown in **Exhibit H** on FWA are designated as operable units under the FWA Federal Facilities Agreement (FFA) between the Army, the Alaska Department of Environmental Conservation and the United States Environmental Protection Agency and are being investigated and remediated under the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. §9601 et seq. (1980), as amended by the Superfund Amendments and Reauthorization Act (1986) and are subject to institutional controls and procedures outlined in detail in the Record of Decision for each Operable Unit in the FFA; and

**WHEREAS**, the NHPA requires that federal agencies shall, to the maximum extent possible, undertake the planning and actions necessary to minimize harm to any NHL that may be directly and adversely affected by an undertaking; and

**WHEREAS**, this Programmatic Agreement (PA) applies to all undertakings within the boundaries of FWA that are under the direct or indirect jurisdiction of the Army, including undertakings performed by USAG FWA lessees and permittees and tenant units; and

**WHEREAS**, pursuant to Army Regulation 200-1 (AR 200-1), the Army has designated the USAG FWA Garrison Commander to serve as the agency official responsible for compliance with the requirements of Section 106 of the NHPA and the USAG FWA Garrison Commander has delegated that responsibility to the USAG FWA Cultural Resources Manager (CRM); and

**WHEREAS**, USAG FWA invited the ACHP to participate in the consultation in a letter dated 10 November 2009, and they declined in a letter dated 14 December 2009; and

**WHEREAS**, USAG FWA invited the National Park Service (NPS) to participate in consultation as a concurring party in accordance with 36 C.F.R. § 800.10(c) and they accepted; and

**WHEREAS**, USAG FWA consulted with the Fairbanks North Star Borough, a Certified Local Government, pursuant to 36 C.F.R. § 800.2(c)(3) and invited the Fairbanks North Star Borough to be a concurring party to this PA pursuant to 36 C.F.R. § 800.6(c)(3) and they accepted on 12 December 2009; and

**WHEREAS**, USAG FWA consulted with the Tanana Yukon Historical Society, the Bureau of Land Management, and the University of Alaska, Fairbanks Museum of the North; and

**WHEREAS**, the USAG FWA consulted with the Upper Tanana Intertribal Coalition (UTIC) and Nenana pursuant to 36 C.F.R. § 800.6(c)(2) and invited the members of UTIC and Nenana to be concurring parties to this PA pursuant to 36 C.F.R. § 800.6(c)(3). None of the tribes responded to the invitation to consult sent on 10 November 2009 nor after the follow-up discussion during the UTIC Quarterly Meeting on 5 February 2010; and

**WHEREAS**, USAG FWA has provided the public information on the undertaking and an opportunity to comment on the undertaking through USAG FWA's Conservation Website; and

**NOW, THEREFORE**, the Army and the SHPO agree that the program of operation, maintenance, and development at FWA shall be administered in accordance with the following stipulations to satisfy the Army's Section 106 responsibilities for all individual undertakings of the program.

## **STIPULATIONS**

The USAG FWA Garrison Commander, on behalf of the Army, shall ensure that the following measures are carried out:

### **I. STAFFING**

A. The Army shall employ, maintain a contract with, or obtain through other means qualified professionals that meet the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9) in disciplines appropriate to the installation's historic properties, including an Archeologist and Historian or Architectural Historian, to serve as installation cultural resources staff (CR staff). The CR staff shall be headed by a CRM that meets the Secretary of the Interior's Professional Qualifications Standards (48 FR 44738-9) for one of the appropriate disciplines with preference to an Architectural Historian. The USAG FWA Garrison Commander shall ensure that the qualified professionals are in place or available upon the execution of this PA and throughout its duration.

B. If USAG FWA does not have appropriate staff, those undertakings normally reviewed by the respective staff will not qualify for streamlined review and will need to follow standard Section 106 procedures as outlined in 36 CFR 800.

C. The USAG FWA Garrison Commander shall ensure that the CRM participates in installation-level planning of projects and activities that may affect historic properties. The USAG FWA Garrison Commander shall ensure that the CRM, in consultation with CR staff, reviews all undertakings that are carried out in accordance with the terms of this PA.

### **II. STREAMLINED PROJECT REVIEW**

A. The USAG FWA Garrison Commander shall ensure that installation planning documents are provided to the CRM to identify specific undertakings that may be subject to review pursuant to Section 106 and the terms of this PA over a five year planning cycle. The documents to be analyzed shall include, but are not limited to, the Master Plan, work orders, military construction plans, troop training and range operation plans, Integrated Natural Resource Management Plans, tenant activities, and historic property renovation and demolition plans that are scheduled for implementation within five years of the execution date of this PA.

B. The USAG FWA Garrison Commander shall ensure that the undertakings and all related activities identified pursuant to Stipulation II.A are planned, reviewed, and carried out in accordance with the terms of this PA. The USAG FWA Garrison Commander shall include a list of undertakings in the report required pursuant to Stipulation IV for annual review by interested consulting parties.

C. Where the CRM, in consultation with CR staff, determines the following criteria outlined in Section II.D are met for a proposed undertaking, then the undertaking qualifies for the streamlined review and no further consultation with consulting parties is required unless requested by the SHPO, NPS, Federally recognized tribes, local governments or interested consulting parties;

D. Streamlined Review Process

1. *Evaluate the Proposed Undertaking for Eligibility for Streamlined Review:* The CRM, in consultation with CR staff, determines whether the proposed undertaking meets the criteria for streamlined review in **Exhibit A** of this PA. If the undertaking is not eligible for the streamlined review, it must be reviewed in accordance with 36 CFR 800.

2. *Identify the Undertaking's Area of Potential Effect (APE):* The CRM, in consultation with CR staff, determines the project's APE, taking into account direct, indirect, and cumulative effects.

3. *Identify Historic Properties within the APE:* The CRM, in consultation with CR staff, identifies the location, number, and significance of historic properties within the APE. If properties are located within the APE that have not yet been documented or evaluated for eligibility for the National Register of Historic Places, or if the SHPO has not yet concurred with the eligibility determination, compliance for the undertaking must be accomplished through the standard review process as outlined in 36 CFR 800. Inventory records shall be periodically reviewed and updated, as necessary, to ensure data on historic properties, including condition information, is current and to ensure that any previous evaluations of significance remain accurate.

4. *Evaluate the Effect of the Undertaking on Historic Properties within the APE:* The CRM, in consultation with CR staff, evaluates the effect of the proposed undertaking, including direct, indirect, and cumulative effects on historic properties, applying the Criteria of Adverse Effect set forth in 36 CFR 800.5(a)(I).

5. *Document Streamlined Review Process:* If, after following steps one through four (1-4) listed above, the CRM, in consultation with CR staff, determines that there are no historic properties within the APE, or that the proposed undertaking would result in a determination of "no historic properties affected" or "no adverse effect", the undertaking qualifies for the streamlined review. The CRM, in consultation with CR staff, shall document the determination as follows:

a) The Streamlined Review process will be documented using the Streamlined Review Consideration form found in **Exhibit B**;

b) Documentation will include the comments of each CR staff member involved in the review process and the signature of the CR. Electronic signatures are acceptable;

c) Documentation will also include copies of any other review documentation used to evaluate the undertaking. This may include, but is not limited to, work orders, Preconstruction Environmental Surveys (PES), National Environmental Policy Act (NEPA) documentation, real property documentation, and emails; and

d) Documentation will be permanently retained by the CRM for review by consulting parties and to facilitate the preparation of the Annual Report.

E. Undertakings eligible for Streamlined Review are listed in **Exhibit A**.

F. All undertakings not identified in **Exhibit A** must be reviewed in accordance with 36 CFR 800 or any procedures developed and implemented under 36 CFR 800 and are not covered under this PA.

G. The list of streamlined undertakings described in **Exhibit A** will be considered annually and reviewed and revised as needed by the USAG FWA, NPS, the SHPO, and interested consulting parties.

### III. POST REVIEW UNANTICIPATED DISCOVERIES

A. In the course of conducting approved activities, USAG FWA and/or their contractors shall not intentionally or knowingly affect (such as remove, disturb, or cause to be removed or disturbed) any historic properties outside the approved scope of work.

B. In the event that a previously unidentified archaeological resource is discovered during ground disturbing activities, all ground disturbing activity shall immediately cease in the area of the discovery until the USAG FWA CRM can evaluate the resource in coordination with USAG FWA personnel who meet the Secretary of the Interior's Professional Qualification Standards for Archeologists. If approved by the CRM, subsurface work may continue in areas where subsurface archaeological resources are not reasonably expected to be encountered. In addition, work may resume in affected areas after approval by the CRM. USAG FWA shall notify the SHPO and appropriate Alaska Native tribes regarding such discoveries and related actions within three (3) business days after discovery, and USAG FWA shall ensure that any archaeological work that may be necessary shall be completed in accordance with the NHPA and the Archaeological Resources Protection Act, codified as 16 U.S.C. § 470, et seq., as amended (ARPA). Construction work may continue in the project area outside the archaeological resource area.

C. USAG FWA, the SHPO, and the Alaska Native tribes, if they so request, shall immediately inspect the work site to determine the nature and area of the affected archaeological resource. Within ten (10) business days of the original notification of the discovery, USAG FWA, in consultation with the SHPO, and the Alaska Native tribes where appropriate, shall determine the National Register eligibility of the resource.

D. If it is determined that the archaeological resource does not meet the National Register criteria as set forth at 36 C.F.R. Part 60.4, as amended, USAG FWA may resume work in the affected area.

E. If USAG FWA determines that the archaeological resource meets the National Register Criteria, USAG FWA shall comply with 36 C.F.R. § 800.13(b) as expeditiously as possible.

F. If human remains are inadvertently discovered; USAG FWA shall cease all work and ensure that the remains are secured from further disturbance or vandalism until after the appropriate law enforcement authorities have ensured that the remains are not related to any crime, and until a plan for treatment has been developed. If, in consultation with a qualified forensic anthropologist, USAG FWA determines that the remains are Native American, the USAG FWA Garrison Commander shall immediately undertake any actions necessary under the Native American Graves Protection and Repatriation Act, as amended. If USAG FWA determines that the remains are not Native American, and do not warrant criminal investigation, USAG FWA shall immediately notify the SHPO and consult to identify descendants or other interested parties, if any. USAG FWA, in consultation with the SHPO and any interested parties, shall develop a plan for the respectful treatment and disposition of the remains.

#### **IV. EMERGENCY ACTIVITIES AND UNANTICIPATED EFFECTS**

A. In the case of an emergency (as defined below), USAG FWA shall perform those actions necessary, using commercially reasonable efforts, to protect historic properties, with on-site monitoring by staff meeting the Secretary of the Interior's Standards for Professional Qualifications. Where possible, such emergency measures shall be undertaken in a manner that is consistent with Secretary of the Interior's Standards for Preservation. This emergency provision is limited to work initiated within ten (10) calendar days of, and in direct response to, an emergency. As used in this PA, the term "emergency" means (i) a disaster or emergency declared by the President of the United States or by the Governor of a State or (ii) other immediate threats to life or property.

B. If emergency action is required and undertaken, USAG FWA shall provide such information to the SHPO as soon as practicable. The SHPO shall have ten (10) days to review and comment on any such proposed plan for further actions to address the emergency.

C. If during the course of undertakings covered by this PA there are any unforeseen or unanticipated effects to historic properties, USAG FWA shall initiate consultation pursuant to 36 C. F. R. § 800.13 to resolve unforeseen the effect.

#### **V. RESOLVING OBJECTIONS**

A. Should any signatory to this PA object in writing to USAG FWA regarding any action carried out or proposed with respect to the implementation of this PA, USAG FWA shall consult with the objecting party. If after initiating such consultation USAG FWA determines that the objection cannot be resolved through consultation, it shall forward all documentation relevant to the objection to the ACHP, including USAG FWA's proposed response to the objection. Within

45 calendar days after receipt of all pertinent documentation, the ACHP shall exercise one of the following options:

1. Advise USAG FWA that the ACHP concurs with USAG FWA's proposed response to the objection, whereupon USAG FWA will respond to the objection accordingly;

2. Provide USAG FWA with recommendations, which USAG FWA shall take into account in reaching a final decision regarding its response to the objection; or

3. Notify USAG FWA that the objection will be referred to the ACHP membership for formal comment, proceed with the referral and make comment to USAG FWA within 45 calendar days. USAG FWA, in accordance with Section 110(l) of the NHPA, shall take the resulting comment into account.

B. Should the ACHP not exercise one of the above options within 45 calendar days after receipt of the pertinent documentation, USAG FWA may assume the ACHP's concurrence in its proposed response to the objections.

C. USAG FWA shall take into account any ACHP recommendation or comment provided in accordance with this stipulation with reference only to the subject of the objection; USAG FWA's responsibility to carry out all actions under this PA that are not the subjects of the objection shall remain unchanged.

D. At any time during implementation of any stipulation in this PA, should an objection to any such stipulation or its manner of implementation be raised by a member of the public, USAG FWA shall take the objection into account and consult as needed with the objecting party, the ACHP, and the SHPO to address the objection.

## **VI. ANTI-DEFICIENCY ACT COMPLIANCE**

The stipulations of this PA are subject to the provisions of the Anti-Deficiency Act. If compliance with the Anti-Deficiency Act alters or impairs the Army's ability to implement the stipulations of this PA, the Army will consult in accordance with the amendment and termination procedures found at Stipulations VIII and IX of this PA.

## **VII. REPORTING AND ANNUAL REVIEW**

A. The USAG FWA Garrison Commander shall provide the SHPO, NPS, and interested consulting parties with an annual report on or before January 1 of each year summarizing activities carried out under the terms of this PA.

1. Annual reports shall include a list of projects that were reviewed through the streamlined procedures.

2. The signatories to this PA shall review this information to determine what, if any, revisions or amendments to the PA may be necessary.

B. The USAG FWA Garrison Commander shall ensure that the annual report is available for public inspection, that interested members of the public are made aware of its availability, and that interested members of the public are invited to provide comments to the Army and SHPO.

C. Consulting parties may request an annual meeting as it pertains to the annual report within 60 (sixty) days of receiving the report.

## **VIII. AMENDMENTS**

Any signatory to this PA may propose to the Army that the PA be amended, whereupon the Army shall consult with the other parties to this PA to consider such amendment.

## **IX. TERMINATION**

A. If the USAG FWA Garrison Commander determines that the Army cannot implement the terms of this PA, or if the SHPO or ACHP determines that the PA is not being properly implemented, the Army, the SHPO, or ACHP may propose to the other parties to this PA that it be terminated.

B. The party proposing to terminate this PA shall notify all parties to the PA explaining the reasons for termination and affording them at least thirty days to consult and seek alternatives to termination. Should such consultation fail and the PA be terminated, the Army shall:

1. Consult in accordance with 36 CFR Section 800.14 to develop a new PA; or,
2. Comply with 36 CFR Part 800 subpart B with regard to each undertaking.

## **X. MONITORING**

A. The SHPO and the ACHP may monitor any activities carried out pursuant to this PA, and the ACHP will review any activities if so requested. The USAG FWA Garrison Commander will cooperate with the SHPO and the ACHP should they request to monitor or to review project files for activities carried out pursuant to this PA.

B. If the Army becomes aware that any historic property on FWA has been inadvertently damaged by an action or undertaking not in conformity with the review process set out in this PA or other applicable agreement, the USAG FWA Garrison Commander will ensure that a report describing how the damage occurred and the extent of damage to the historic property involved is provided to the SHPO.

## **XI. FAILURE TO COMPLY WITH THE PROGRAMMATIC AGREEMENT**

In the event that the Army does not carry out the terms of this PA, the Army shall comply with 36 CFR Part 800 subpart B with regard to each individual undertaking at FWA.

**XII. EXPIRATION AND RENEWAL OF THE PROGRAMMATIC AGREEMENT**

This PA shall take effect on the date it is signed by the last signatory and will remain in effect unless terminated pursuant to Stipulation IX. If not renewed or extended, this PA will expire five years after the date of the last signature to this PA. No extension or modification will be effective unless all signatories have agreed in writing. Execution and implementation of this PA evidences that the Army has afforded the ACHP a reasonable opportunity to comment on the program and that the Army has taken into account the effects of the program on historic properties.

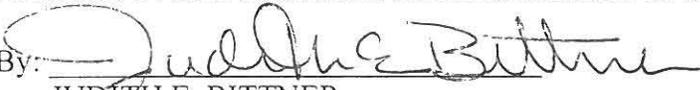
Signatories:

UNITED STATES DEPARTMENT OF THE ARMY  
FORT WAINWRIGHT

By:   
TIMOTHY A. JONES  
COL, AV  
Commanding

Date: 17 Sep 10

ALASKA STATE HISTORIC PRESERVATION OFFICER

By:   
JUDITH E. BITTNER  
State Historic Preservation Officer

Date: Oct 14, 2010

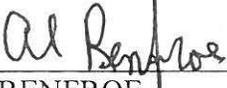
Concurring Parties:

NATIONAL PARK SERVICE – ALASKA REGIONAL OFFICE

By:   
SUE E. MASICA  
Alaska Regional Director

Date: \_\_\_\_\_

FAIRBANKS/NORTH STAR BOROUGH HISTORIC PRESERVATION COMMISSION

By:   
AL RENFROE  
Historic Preservation Commissioner

Date: 10 Dec 2016

**Exhibit A:  
Streamlined Review Undertakings**

Where the CRM determines the following criteria are met for a proposed undertaking, no further consultation is required unless otherwise specifically requested by the SHPO, Federally recognized tribes, the ACHP, the NPS, local governments, or other interested parties for the following undertakings.

- A. The following undertakings<sup>2</sup> qualify for the streamlined review because of the imminent threat to human health and safety.
1. In-place destruction of unexploded ordnance
  2. Destruction of ordnance in existing open burning/open detonation units
  3. Emergency response to releases of potentially hazardous substances, pollutants, and contaminants
  4. Surveys within any operable unit as indicated on the map in Exhibit G or as designated by USAG FWA's Restoration, Compliance, and Clean-up personnel
  5. Continued military use and operation of dudded impact areas, active firing ranges, and other designated "surface danger zones"<sup>3</sup> that are in active use not including change of level of use
- B. The following undertakings qualify for the streamlined review **only if** the individual undertakings 1) do not include ground disturbance; 2) are sited in areas of recent previous ground disturbance<sup>4</sup> as determined by a professional meeting the Secretary of the Interior's Standard for Archaeology; or 3) are sited in areas that have been surveyed by a professional meeting the Secretary of the Interior's Standard for Archaeology and do not contain any identified National Register eligible historic properties. Any potential visual impact cannot alter the character-defining features of any historic property, especially the NHL and the HD.
1. Expansion, replacement, maintenance, repair, or removal of Post infrastructure including existing streets, trails, bike paths, parking areas, culverts, surface or buried linear infrastructure (including surface utility lines, transmission lines and

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<sup>2</sup> "**Undertaking**" means a project, activity, or program funded in whole or in part under the direct or indirect jurisdiction of a federal agency, including —

(A) those carried out by or on behalf of the agency;

(B) those carried out with federal financial assistance;

(C) those requiring a federal permit license, or approval; and

(D) those subject to State or local regulation administered pursuant to a delegation or approval by a federal agency.

<sup>3</sup> Surface danger zones are areas that are only dangerous when live firing is occurring.

<sup>4</sup> The undertaking is not to exceed the limits of previous disturbance in both depth and spatial extent.

other minor linear features such as fences) and any associated features such as curbs and drains with an APE sited outside of the NHL and HD

2. Additions, expansion, replacement, maintenance, repair, or removal of properties outside of the NHL and HD that are less than 45 years old; determined not eligible for the National Register; and do not visually impact a National Register eligible property
3. New construction within the cantonment area with an overall project area under five (5) acres that will not have a visual impact to the setting of the NHL and/or HD
4. Introduction and use of new equipment such as vehicles
5. Repair or resurfacing of existing streets, trails, bike paths, parking areas, runways and associated features such as curbs and drains when using in-kind or visually similar materials with existing historic materials retained as much as possible
6. Expansion, replacement, maintenance, repair, or removal of existing surface or buried linear infrastructure, including surface utility lines, transmission lines and other minor linear features such as fences when using in-kind or visually similar materials with existing historic materials retained as much as possible
7. Installation, repair and replacement of head bolt outlets<sup>5</sup> in existing parking lots
8. Installation of small scale, temporary and/or permanent environmental monitoring units and restoration operational units for the mitigation of hazardous materials
9. Standard operations within approved landfills
10. Standard operations within approved borrow pits
11. Placement of temporary signage to mark detours, safety hazards, and associated activities in areas
12. Routine lawn maintenance such as mowing, watering, and fertilizing
13. Routine removal of dead trees and trimming of overgrown trees and shrubs not to include removal of stumps in an undisturbed area
14. Replacement of trees and other shrubs with similar plantings
15. Planting new vegetation

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<sup>5</sup> Outdoor electrical outlets for plugging vehicle block heaters into during periods of extreme cold during the winter.

16. Hazardous Fuels Management activities such as removal of downed limbs and vegetative matter and thinning tree stands outside of the NHL and HD using methods that do not impact extant historical and archaeological resources
  17. Routine military training activities that do not include ground disturbance
  18. Repainting buildings using the Installation Design Guidelines or using the same or very similar paint type and color
  19. Installation of smoke detectors and fire/smoke sensing devices in a manner that is reversible and damages as little historic fabric as possible
  20. Installation of monitoring devices and security measures, such as window bars and security lighting, that is reversible and alters the property's historic fabric as little as possible
  21. Installation of energy saving devices and measures, such as attic insulation, modern heating and cooling devices and duct work in a manner that is not externally visible
  22. Removal of pests and material associated with their presence
- C. The following undertakings **apply to historic properties only** and focus on routine repairs and replacement of materials. This includes the small scale repair of roofs, siding, windows, porches, eyebrows, doors, stairs, decking, flooring, footings, foundations (repair only), retaining walls (repair only), gutters and other building components that are regularly maintained on a structure. All repairs and replacements have to conform to guidance found within the Secretary of the Interior's Standards for the Treatment of Historic Properties. To use the Streamlined Review Process, no alterations to the historic properties' character defining features are allowed. Specifics for the routine repair and replacement include:
1. If the material is historic, the repair and replacement work has to be conducted using materials of the same type or visually similar to the materials being repaired. For example, the repair of a flat roof is to use the same or visually similar materials with the roof configuration remaining unchanged. If a window unit has deteriorated beyond repair, an identical window or one with a very similar appearance must be installed. For example, a double hung window has to be replaced by a window of similar configuration and coloring to the deteriorate window or with a design that is in keeping with the original window design for the property.
  2. Emphasis is placed on retaining, repairing, and preserving historic building components, with replacement used when the historic resource has deteriorated beyond repair.

3. Historic elements such as original plumbing, electrical, and mechanical systems found within historic properties are to be preserved as much as possible and practical, barring any safety or code issues, and should be repaired using modern materials sympathetic to the historic materials and documented if they are beyond repair.
4. Historic primary interior features of the historic properties are to be retained.
5. Expansion, replacement, maintenance, repair, or removal of interior features is included under the Streamlined Review Process if the features are not historic<sup>6</sup>.

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<sup>6</sup> A survey of the interior spaces of historic buildings within the NHL is planned for the summer of 2010. Further studies of the HD and the individually eligible buildings will be conducted in following summers. The findings will be sent to the SHPO for concurrence.

**Exhibit B:  
Streamlined Review Record**

Project Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

Project Location:  FWA-Main Post  FWA-YTA  FWA-TFTA  FWA-DTA  
 Other: \_\_\_\_\_

Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Which streamlined activity applies to this undertaking?

Define Area of Potential Effect \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Does the Undertaking Affect a Historic Property within the APE?  Yes  No

Explain: \_\_\_\_\_

\_\_\_\_\_

Assessing Effects:

No Historic Properties Affected Explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

No Historic Properties Adversely Affected Explain: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

List any attached supporting documentation:

\_\_\_\_\_

\_\_\_\_\_

Preparer: \_\_\_\_\_ Date: \_\_\_\_\_

CR staff: \_\_\_\_\_ Position: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CRM: \_\_\_\_\_ Date: \_\_\_\_\_

**Exhibit C:**  
**A Map of FWA and Associated Training Areas**  
**[See Attachment]**

150°00'W 149°00'W 148°00'W 147°00'W 146°00'W 145°00'W

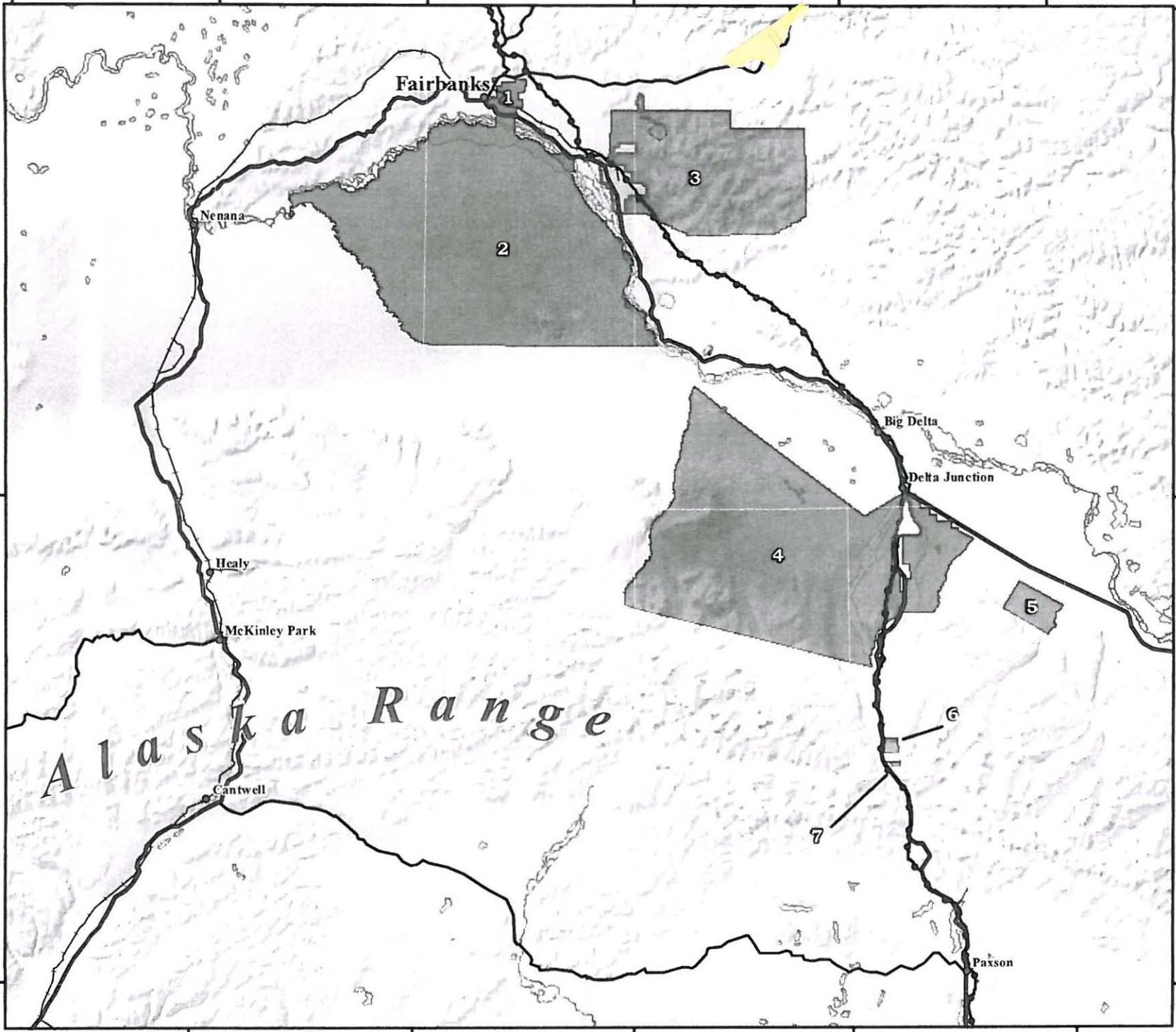
65°00'N

64°00'N

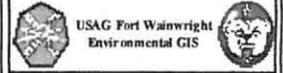
63°00'N

64°00'N

63°00'N



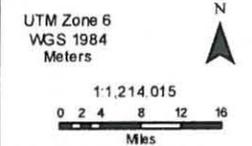
# USAG Fort Wainwright



## Legend

- Highway
- Primary Road
- Pipeline
- Railroad
- USAG Fort Wainwright
- SMDC Fort Greely

- 1 Fort Wainwright
- 2 Tanana Flats Training Area
- 3 Yukon Training Area
- 4 Donnelly Training Area
- 5 Gerstle River Training Area
- 6 Black Rapids Training Area
- 7 Whistler Creek Training Area

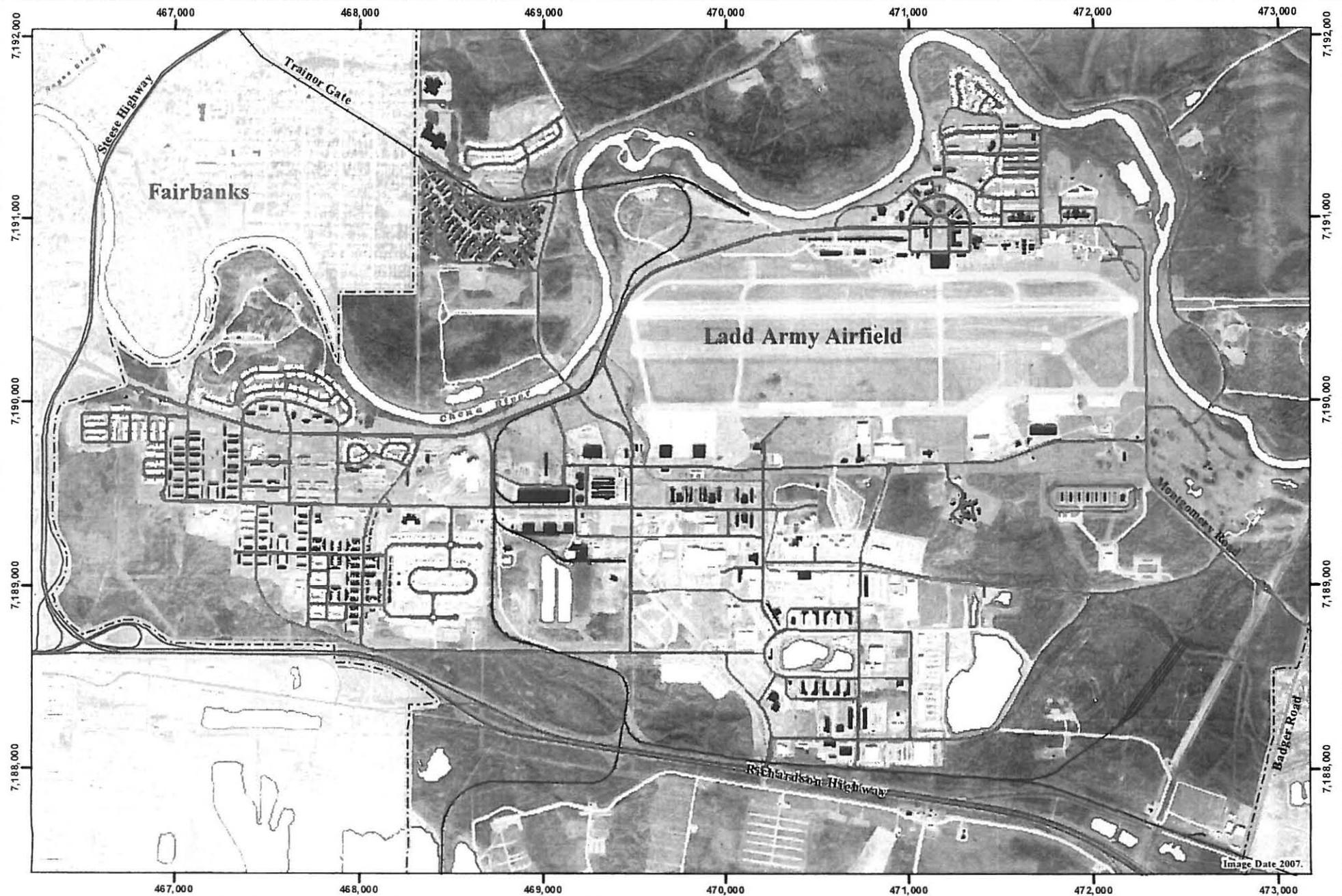


Print Date: 01/27/2010  
 Author: DDS (907)361-3551  
 File Name: USAGFWA\_Ja.mxd  
 C:\F:\GIS\Projects\GIS\USAGFWA\USAGFWA.mxd



**Exhibit E:**  
**A Map and Associated List of Properties on FWA That Are Less Than Forty-Five (45)**  
**Years Old**  
**[See Attachment]**

# Buildings Less Than Forty-Five Years Old.



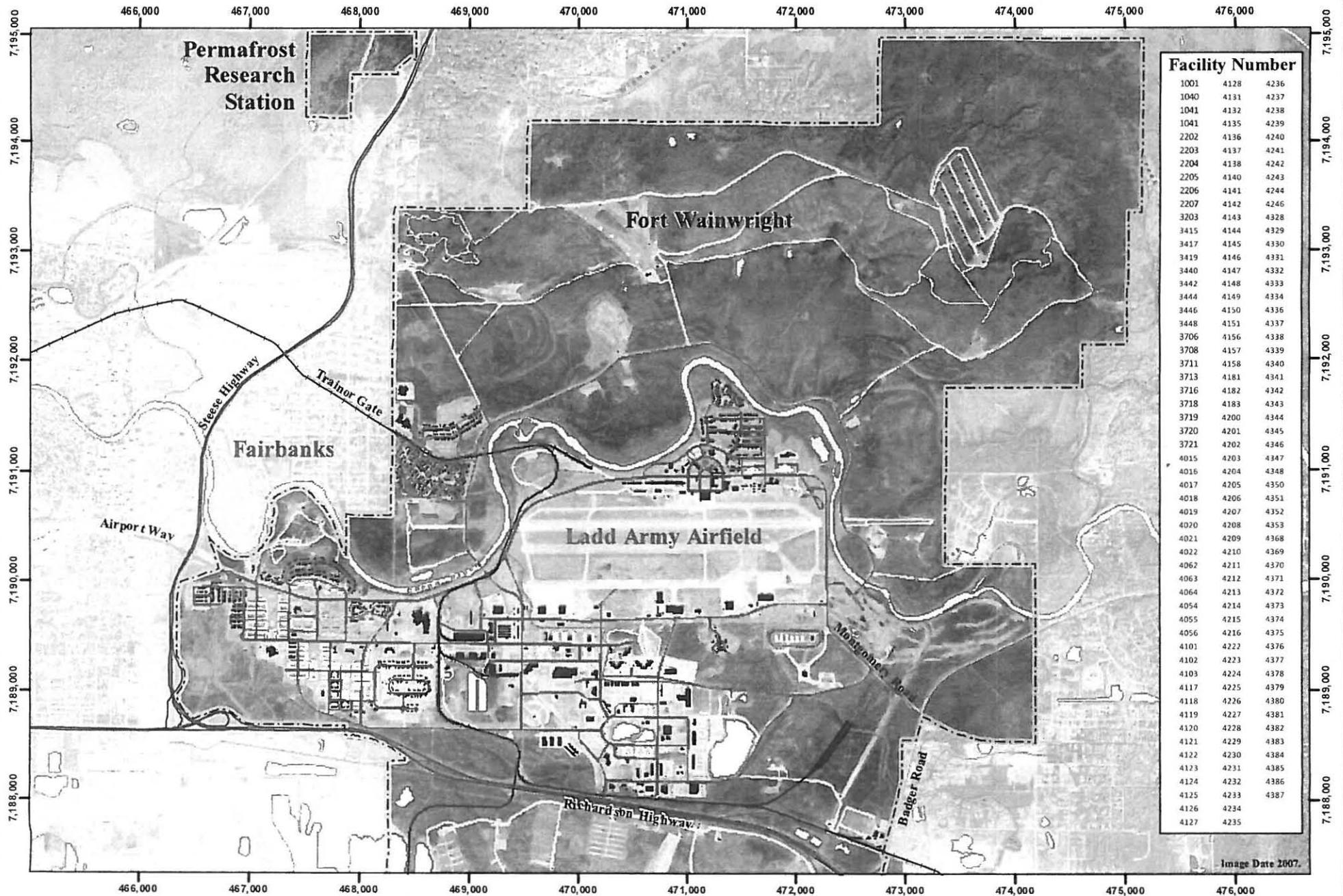
<p><b>Cantonment Area Fort Wainwright, Alaska</b></p> <p>USAR Fort Wainwright Environmental GIS</p>	<p>Installation Boundary</p> <p>Existing Structure Built After 1965</p> <p>Other Existing Structure</p>	<p>WGS84 UTM Zone 6N Meters</p> <p>1:27,909</p> <p>0 0.25 0.5 1 1.5 2 Miles</p>	<p>Grid Spacing: 1,000 Meters</p> <p>Date 02/19/2010 Author: DDS</p> <p>FileName: age45_under</p> <p>Dr. F:\GIS_Projects\Cultural_Resources\fw_buildings</p>
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**Exhibit F:**

**A Map of Properties on FWA That Have Been Addressed Under Nation-Wide Program Alternatives Including Program Comments For Capehart-Wherry Era Family Housing, Cold War Era Unaccompanied Personnel Housing, and World War II and Cold War Era Army Ammunition Storage Facilities**

**[See Attachment]**

# Structures Covered By Nation-Wide Program Comments



Facility Number		
1001	4128	4236
1040	4131	4237
1041	4132	4238
1041	4135	4239
2202	4136	4240
2203	4137	4241
2204	4138	4242
2205	4140	4243
2206	4141	4244
2207	4142	4246
3203	4143	4328
3415	4144	4329
3417	4145	4330
3419	4146	4331
3440	4147	4332
3442	4148	4333
3444	4149	4334
3446	4150	4336
3448	4151	4337
3706	4156	4338
3708	4157	4339
3711	4158	4340
3713	4181	4341
3716	4182	4342
3718	4183	4343
3719	4200	4344
3720	4201	4345
3721	4202	4346
4015	4203	4347
4016	4204	4348
4017	4205	4350
4018	4206	4351
4019	4207	4352
4020	4208	4353
4021	4209	4368
4022	4210	4369
4062	4211	4370
4063	4212	4371
4064	4213	4372
4054	4214	4373
4055	4215	4374
4056	4216	4375
4101	4222	4376
4102	4223	4377
4103	4224	4378
4117	4225	4379
4118	4226	4380
4119	4227	4381
4120	4228	4382
4121	4229	4383
4122	4230	4384
4123	4231	4385
4124	4232	4386
4125	4233	4387
4126	4234	
4127	4235	

Image Date 2007.

**Cantonment Area**  
**Fort Wainwright, Alaska**

USAR Fort Wainwright  
 Environmental GIS  
BLDG 3 025 (06/7/91-306)

Installation Boundary  
 Structure Covered by Program Comment  
 Other Existing Structure

WGS84  
 UTM Zone 6N  
 Meters

146.855  
 Miles

Grid Spacing:  
 1,000 Meters

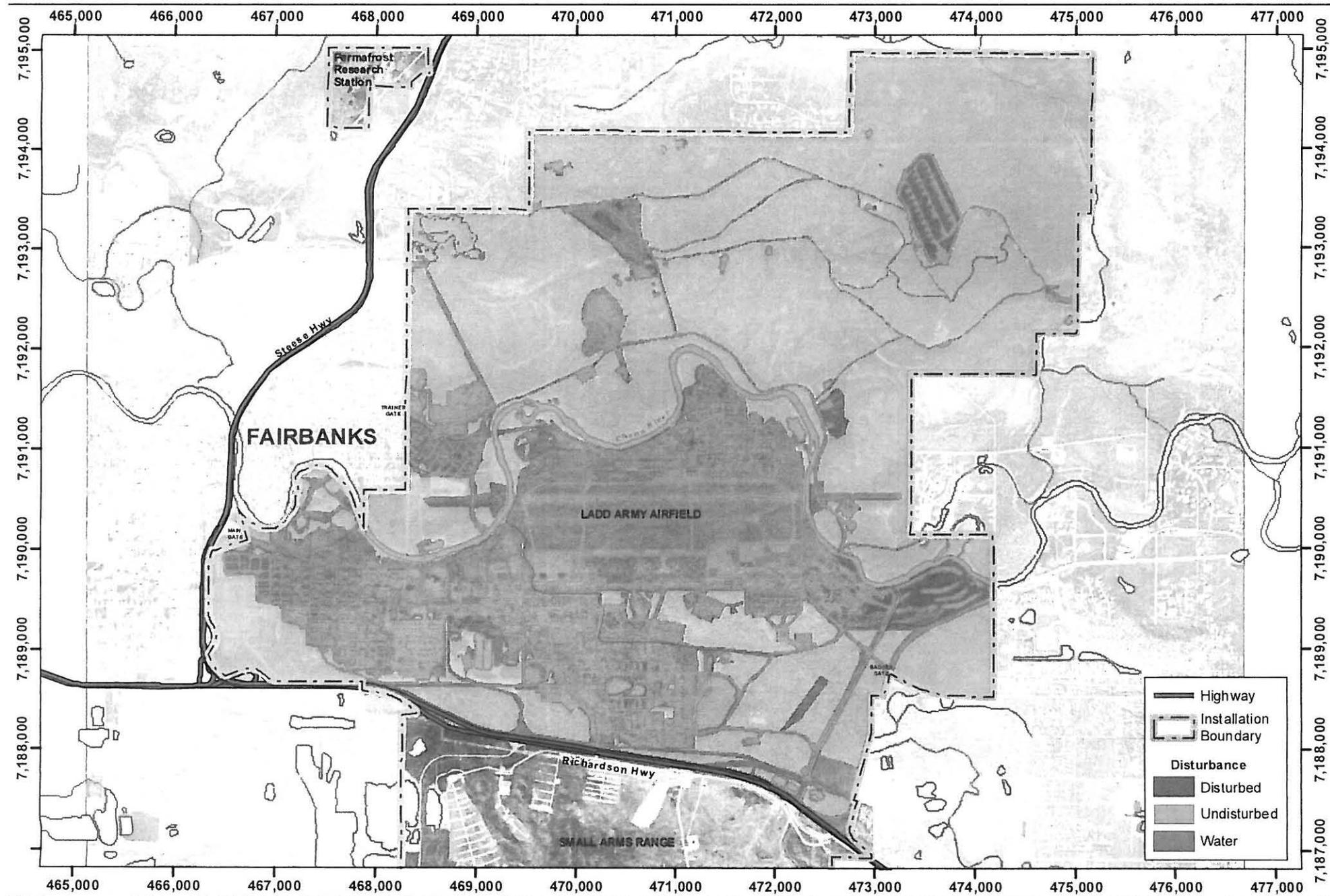
Date: 02/19/2010      Author: DDS

FileName: pre1962b

Dr. F:\GIS\_Projects\Cultural\_Resources\fw\_a\_buildings

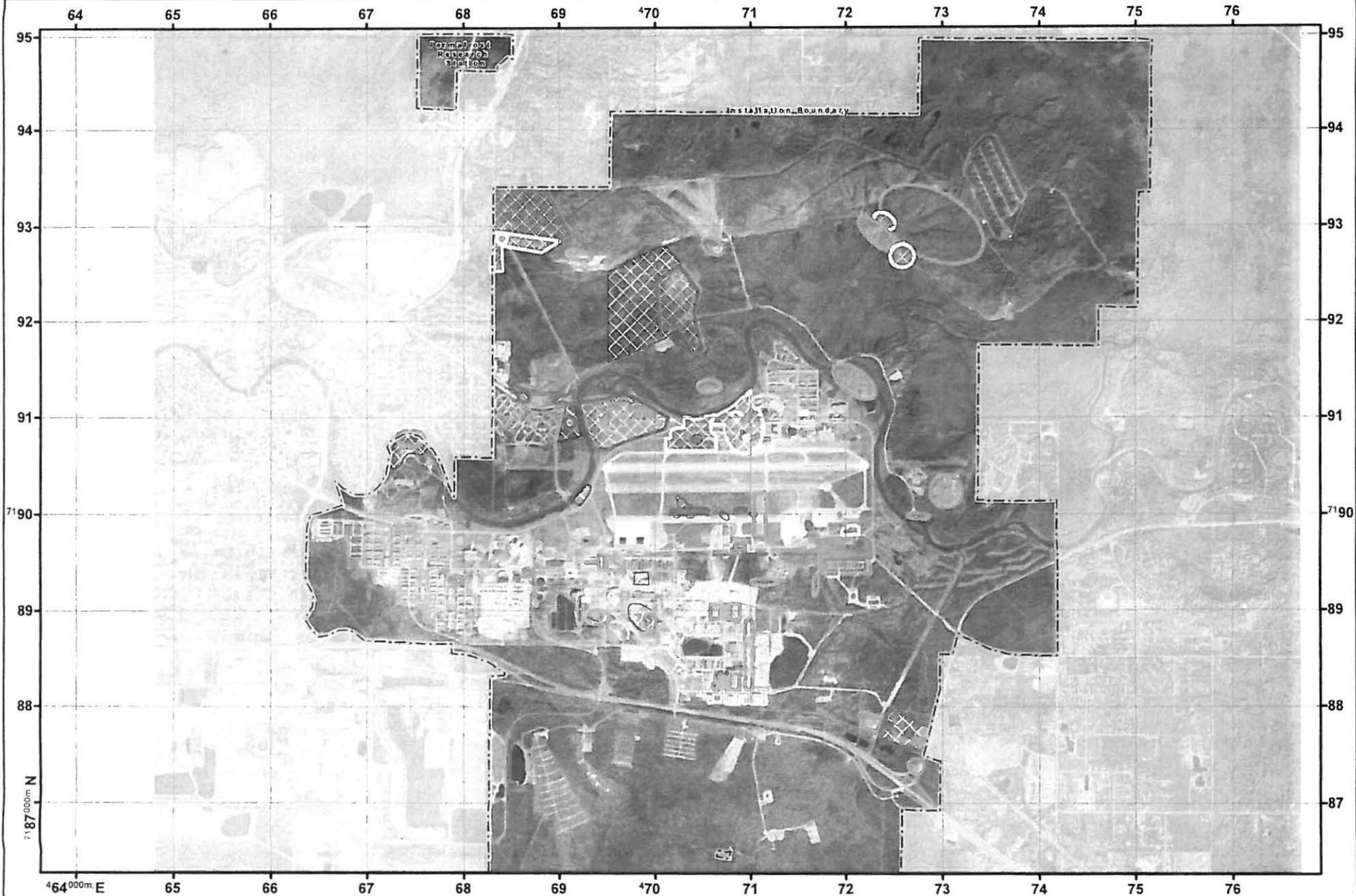
**Exhibit G:**  
**A Map of Previously Disturbed Areas on FWA**  
**[See Attachment]**

# Fort Wainwright Disturbed Areas



**Exhibit H:**  
**A Map of Restoration Sites on FWA**  
**[See Attachment]**

# Restoration Sites On Fort Wainwright, AK



UTM Zone 6N  
WGS84  
0 0.1 0.2 0.4 0.6 0.8 Miles

**Operable unit**

	OU1		OU4
	OU2		OU5
	OU3		OU6

**Legend**

	PostBoundary
	Institutional Controls

**Operable Unit Status**

	All remedial actions in place
	Contamination still being defined
	No further action

Date: 1/28/2008  
 Author: DDS (907)361-3551  
 FileName: fwa\_ou\_ic\_052307-letter.mxd  
 Dir: R:\GIS Projects\Fort\_Wainwrightrestoration\OU\_IC\_MAPS