



REPLY TO  
ATTENTION OF:

FW-PA-1601

DEPARTMENT OF THE ARMY  
INSTALLATION MANAGEMENT COMMAND  
HEADQUARTERS, U.S. ARMY GARRISON FORT WAINWRIGHT  
1046 MARKS ROAD  
FORT WAINWRIGHT, ALASKA 99703-1046

**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 FW) proposes to continue to coordinate and administer an ongoing program of operation, maintenance, and development on Fort Wainwright and associated training areas; and

**WHEREAS**, the USAG FW 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

**WHEREAS**, the USAG FW 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 § 800) implementing Section 106 of the National Historic Preservation Act (NHPA) of 1966 (formerly 16 U.S.C. § 470f, now 54 U.S.C. § 306108); and

**WHEREAS**, the USAG FW has compiled a list of activities and criteria identified in **Exhibit A** against which undertakings will be compared for the application of a Streamlined Review Process which is consistent and compliant with the requirements of the NHPA; and

**WHEREAS**, Fort Wainwright, its associated training areas, and other properties managed through Fort Wainwright are understood to be the properties indicated on the map in **Exhibit B**; and

**WHEREAS**, individually eligible buildings on Fort Wainwright, the Ladd Field National Historic Landmark (NHL) (FAI-00236), the Ladd Air Force Base Cold War Historic District (HD) (FAI-01288), and their respective contributing properties (buildings and structures) identified in **Exhibit C**, are also eligible for listing on the National Register; and

**WHEREAS**, properties listed in **Exhibit D** are less than forty-five (45) years or have been found not eligible for inclusion in the National Register; and

**WHEREAS**, the properties listed in **Exhibit E** on Fort Wainwright have been addressed under Nationwide 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 Fort Wainwright lands shown in **Exhibit F** are areas that have seen significant ground disturbance since military occupation. This area has low probability for existing archaeological resources, and none are expected to be found; and

**WHEREAS**, archaeological resources identified in **Exhibit G** are eligible for inclusion in the National Register or have not yet been evaluated for the National Register; and

**WHEREAS**, the Fort Wainwright lands shown in **Exhibit H** are areas that have been previously surveyed for archaeological resources; and

**WHEREAS**, the areas of Fort Wainwright shown in **Exhibit I** are designated as operable units (OU) under the Fort Wainwright 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 land use restrictions and/or environmental remediation outlined in detail in the Record of Decision for each OU 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 a 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 Fort Wainwright that are under the direct or indirect jurisdiction of the Army, including undertakings performed by the USAG FW lessees, permittees, and tenant units; and

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

**WHEREAS**, the USAG FW invited the ACHP to participate in the consultation in a letter dated 2 October 2015 and they declined on 31 December 2015 and

**WHEREAS**, the USAG FW invited the National Park Service (NPS) to participate in consultation as a concurring party in accordance with 36 CFR § 800.10(c) on 2 October 2015 and they accepted on 13 October 2015 and

**WHEREAS**, the USAG FW consulted with the Fairbanks North Star Borough, a Certified Local Government, pursuant to 36 CFR § 800.2(c)(3) and invited the Fairbanks North Star Borough to be a concurring party to this PA pursuant to 36 CFR § 800.6(c)(3) on 2 October 2015 and they accepted on 8 December 2015 and

**WHEREAS**, the USAG FW 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 FW has made offers of consultation to the Alaska Native federally-recognized tribes Village of Dot Lake, Healy Lake Village, Nenana Native Association, Northway Village, Native Village of Tanacross, and Native Village of Tetlin (Tribes) pursuant to 36 CFR § 800.6(c)(2) and invited them to be concurring parties to this PA pursuant to 36 CFR § 800.6(c)(3) on 2 October 2015 and all tribes declined; and

**WHEREAS**, the USAG FW has provided information to the public regarding this PA through the USAG FW Directorate of Public Works (DPW) Environmental Division website; and

**NOW, THEREFORE**, the USAG FW and the SHPO agree that the program of operation, maintenance, and development at Fort Wainwright 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 FW Garrison Commander, on behalf of the Army, shall ensure that the following measures are carried out:

### **I. STAFFING**

A. The USAG FW 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 Archaeologist and Historian or Architectural Historian, to serve as installation cultural resources management staff. The cultural resources management staff shall be headed by a CRM who supervises the cultural resources management staff. The USAG FW 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 the USAG FW 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 FW Garrison Commander shall ensure that the CRM participates in installation-level planning of projects and activities that may affect historic properties. The USAG FW Garrison Commander shall ensure that the CRM, in consultation with the cultural resources management staff, reviews all undertakings that are carried out in accordance with the terms of this PA.

### **II. STREAMLINED REVIEW**

A. The USAG FW 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 Cultural Resources Management Plan, tenant activities, and historic property renovation and demolition plans that are scheduled for implementation within five (5) years of the execution date of this PA.

B. The USAG FW Garrison Commander shall ensure that all undertakings and installation planning documents are reviewed and carried out in accordance with the terms of this PA. The USAG FW Garrison Commander shall include a list of undertakings in the report required pursuant to Stipulation VIII for annual review by the SHPO and Concurring Parties to this PA.

C. Where the CRM, in consultation with cultural resources management staff, determines the following criteria outlined in Stipulation II.D are met for a proposed undertaking, then the undertaking qualifies for the Streamlined Review Process and no further consultation with consulting parties is required unless requested by the SHPO, Concurring Parties, Tribes, certified local governments, or interested consulting parties.

D. Streamlined Review Process:

1. *Identify the Undertaking's Area of Potential Effects (APE):* The CRM, in consultation with cultural resources management staff, determines the project's APE, taking into account direct and indirect effects.

2. *Identify Historic Properties within the APE:* The CRM, in consultation with cultural resources management staff, shall identify the location, number, and significance of historic properties within the APE. If properties are located within the APE that have not yet been evaluated for eligibility for inclusion in the National Register, 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 to confirm historic property information is accurate. If the APE has not been previously surveyed for cultural resources, an appropriate level of survey shall be completed within the APE in order to evaluate the eligibility of any cultural resources present, except in areas prohibited by Army regulation.

3. *Evaluate the Effect of the Undertaking on Historic Properties within the APE:* The CRM, in consultation with cultural resources management staff, evaluates the effect of the proposed undertaking, including direct, indirect, and cumulative effects on historic properties, in accordance with 36 CFR § 800.4(d) or, if appropriate, by applying the Criteria of Adverse Effect set forth in 36 CFR § 800.5(a)(1).

4. *Evaluate the Proposed Undertaking for Streamlined Review:* The CRM, in consultation with cultural resources management staff, determines whether the proposed undertaking meets the criteria for streamlined review. If the undertaking is 1) not on the list of activities approved under the Streamlined Review Process (Exhibit A) and/or 2) is found by the

CRM to result in direct or indirect adverse effects to any historic property(ies), it must be reviewed in accordance with 36 CFR § 800.

5. *Document Streamlined Review Process*: If, after following steps one through four (1-4) listed above, the CRM in consultation with the cultural resources management 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 the cultural resources management staff, shall document the determination as follows:

a) The undertaking will be entered into the work order database that is used to record all actions taken on USAG FW properties.

b) Documentation will include the comments of each cultural resources management staff member involved in the review process and the signature of the CRM. Electronic signatures are acceptable.

c) Documentation will note any other information used to evaluate the undertaking, i.e. work orders, preconstruction environmental surveys (PES), National Environmental Policy Act (NEPA) documentation, real property documentation, and emails.

d) All documentation will be permanently retained by the CRM for possible review by consulting parties and to facilitate preparation of the annual report (Stipulation VIII.A).

### III. POST REVIEW DISCOVERIES

A. In the course of conducting approved activities, the USAG FW and/or their contractors shall not intentionally or knowingly affect (remove/disturb) any cultural resources during the implementation of the approved scope of work.

B. In the event that a previously unidentified cultural resource is discovered during the project activities, all work shall immediately cease in the area of the discovery until the USAG FW CRM can evaluate the resource in coordination with the USAG FW personnel who meet the appropriate Secretary of the Interior’s Professional Qualifications Standards. The USAG FW shall notify the SHPO and Concurring Parties to this PA regarding such discoveries and related actions within three (3) business days after discovery. The USAG FW shall notify Tribes, as determined appropriate by the CRM, regarding such discoveries and related actions within three (3) business days after discovery. The USAG FW shall ensure that any archaeological work that may be necessary shall be completed in accordance with the NHPA and the Archaeological Resources Protection Act (ARPA).

C. The USAG FW – and if they so request – the SHPO, Concurring Parties, and/or Tribes, shall immediately inspect the work site to determine the nature and area of the affected cultural resource. Within ten (10) business days of the original notification of the discovery, the USAG FW CRM, in consultation with the SHPO, and Concurring Parties and Tribes where appropriate, shall determine the National Register eligibility of the resource.

D. If it is determined that the cultural resource does not meet National Register criteria as set forth at 36 CFR § 60.4, as amended, the USAG FW may resume work in the affected area.

E. If the USAG FW determines that the cultural resource meets National Register criteria, the USAG FW shall comply with 36 CFR § 800.13(b) as expeditiously as possible.

#### **IV. DISCOVERY OF HUMAN REMAINS**

If human remains are inadvertently discovered, the USAG FW shall comply with all State and Federal laws pertaining to human remains and notify the SHPO within 24 hours of discovery. All human remains will at all times be treated with dignity and respect. The USAG FW shall cease all work by their contractors and ensure that the remains are secured from further disturbance or vandalism as required by AS 11.46.482(a)(3). Following AS 12.65.5, the USAG FW shall immediately notify the appropriate law enforcement authorities, the Alaska State Troopers Missing Persons Bureau, and the Alaska State Medical Examiner's office. If required by the State Medical Examiner (SME), a professional archaeologist on site will assist in determining the age of the remains and whether or not further investigation is required. If the SME and field archaeologist determine that the remains are Native American, the USAG FW Garrison Commander shall immediately undertake any actions necessary under the Native American Graves Protection and Repatriation Act, as amended (PL 101-601; 25 USC 3001-30013; 104 Stat. 3048-3058; 43 CFR 10). The USAG FW shall then immediately notify the SHPO and consult with the SHPO to identify descendants or other interested parties, if any. The USAG FW, in consultation with the SHPO and any interested parties, shall develop a plan for the respectful treatment and disposition of the remains. Work may resume in affected areas after approval by the USAG FW CRM and the SHPO.

#### **V. EMERGENCY ACTIVITIES**

A. In the case of an emergency (as defined below), the USAG FW shall perform those actions necessary, using commercially reasonable efforts, to protect cultural resources, with on-site monitoring by staff meeting the Secretary of the Interior's Professional Qualifications Standards. Where possible, such emergency measures shall be undertaken in a manner that is consistent with Secretary of the Interior's Standards and Guidelines. 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, the USAG FW 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.

#### **VI. DISPUTE RESOLUTION**

A. Should any signatory to this PA object in writing to the USAG FW regarding any action carried out or proposed with respect to the implementation of this PA, the USAG FW shall

consult with the objecting party. If after initiating such consultation the USAG FW determines that the objection cannot be resolved through consultation, it shall forward all documentation relevant to the objection to the ACHP, including the USAG FW's proposed response to the objection. Within forty-five (45) calendar days after receipt of all pertinent documentation, the ACHP shall exercise one of the following options:

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

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

3. Notify the USAG FW that the objection will be referred to the ACHP membership for formal comment, proceed with the referral and make comment to the USAG FW within 45 calendar days. The USAG FW, 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 forty-five (45) calendar days after receipt of the pertinent documentation, the USAG FW may assume the ACHP's concurrence in its proposed response to the objections.

C. The USAG FW shall take into account any ACHP recommendation or comment provided in accordance with this stipulation with reference only to the subject of the objection; the USAG FW'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 FW shall take the objection into account and consult as needed with the objecting party, the ACHP, and the SHPO to address the objection.

## **VII. ANTI-DEFICIENCY ACT**

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.

## **VIII. REPORTING AND ANNUAL REVIEW**

A. The USAG FW Garrison Commander shall provide the SHPO, Concurring Parties, and interested consulting parties with an annual report on or before January 31 of each year summarizing activities carried out under the terms of this PA.

1. Annual reports shall include information about projects that were reviewed through the streamlined procedures, including but not limited to: the project description, the area of

potential effect, the structures or sites affected, and the applicable criteria as defined in Exhibit A.

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 FW Garrison Commander shall ensure that the annual report is available for public inspection and that interested members of the public are made aware of its availability through the USAG FW DPW Environmental Division website.

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

D. The list of streamlined undertakings described in Exhibit A will be considered annually and reviewed and revised as needed by the USAG FW, the SHPO, the Concurring Parties to this PA, and interested consulting parties.

## **IX. AMENDMENTS**

Any signatory to this PA may propose to the USAG FW that the PA be amended, whereupon the USAG FW shall consult with the other parties to this PA to consider such amendment in accordance with 36 CFR § 800.6(c)(7).

## **X. TERMINATION**

A. If the USAG FW Garrison Commander determines that the Army cannot implement the terms of this PA, or if the SHPO or the ACHP determines that the PA is not being properly implemented, the USAG FW, the SHPO, or the 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 (30) 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 § 800.14 to develop a new PA; or,
2. Comply with 36 CFR § 800 Subpart B with regard to each undertaking.

## **XI. 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 FW 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 USAG FW becomes aware that any historic property on Fort Wainwright and its related training lands 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 FW Garrison Commander will report how the damage occurred and the extent of damage to the historic property involved to the SHPO in accordance with 36CFR § 800.13(b) with appropriate mitigation to follow.

**XII. FAILURE TO COMPLY**

In the event that the USAG FW does not carry out the terms of this PA, the USAG FW shall comply with 36 CFR § 800 Subpart B with regard to each individual undertaking at Fort Wainwright.

**XIII. DURATION**

A. 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 X. If not renewed or extended, this PA will expire five (5) 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 USAG FW has afforded the ACHP a reasonable opportunity to comment on the program and that the USAG FW has taken into account the effects of the program on historic properties.

Signatories:

UNITED STATES DEPARTMENT OF THE ARMY  
FORT WAINWRIGHT

By:   
SEAN C. WILLIAMS  
COL, SF  
Commanding

Date: 9 March

ALASKA STATE HISTORIC PRESERVATION OFFICER

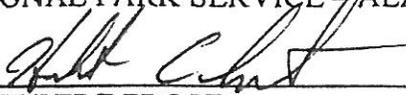
By:   
JUDITH E. BITTNER  
State Historic Preservation Officer

Date: March 22, 2016

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

Concurring Parties:

NATIONAL PARK SERVICE - ALASKA REGIONAL OFFICE

By: 

HERBERT FROST

Alaska Regional Director

Date: 21 March 2016

FAIRBANKS NORTH STAR BOROUGH HISTORIC PRESERVATION COMMISSION

By: ON SEPARATE SHEET

~~JOHN POIRRIER~~ JOHN POIRRIER  
Historic Preservation Commissioner

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

**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**

Concurring Parties:

NATIONAL PARK SERVICE – ALASKA REGIONAL OFFICE

By: ON SEPARATE SHEET  
HERBERT FROST  
Alaska Regional Director

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

FAIRBANKS NORTH STAR BOROUGH HISTORIC PRESERVATION COMMISSION

By: John Poirrier  
JOHN POIRRIER  
Historic Preservation Commission Chair

Date: 10 May 2016

**Exhibit A:  
Streamlined Review Process Criteria**

Once informed of an undertaking<sup>1</sup>, the cultural resources manager (CRM) and relevant qualified cultural resources management staff will determine if the undertaking meets the threshold of review under 54 U.S.C. § 306108 (Section 106) of the National Historic Preservation Act. If so, the undertaking will be assessed for applicability of the Streamlined Review Process (Stipulation II.D). During this process the undertaking will be compared to the following criteria—A through E and all parts therein. If the undertaking 1) meets one (1) or more of criteria A through E approved under the Streamlined Review Process and 2) is found by the CRM or qualified CRM staff to result in a finding of “no historic properties affected” or “no adverse effect,” the undertaking will be considered as covered by the terms of this Programmatic Agreement (PA) and no further consultation will be required unless specifically requested by the Signatories or Concurring Parties to this PA, Tribes, the Advisory Council on Historic Preservation (ACHP), certified local governments, or other interested parties. Undertakings reviewed under the Streamlined Review Process will be documented for annual reporting under Stipulation VIII.

A. Undertakings with areas of potential effects (APEs) that have been surveyed for cultural resources, but that do not include historic properties<sup>2</sup> qualify for the streamlined review if the undertaking will not alter the character-defining features of a historic property, especially the Ladd Field National Historic Landmark (NHL), the Ladd Air Force Base Cold War Historic District (HD), and their contributing properties.

B. Undertakings with APEs that have been surveyed for cultural resources, but that do not include historic properties which are determined eligible for inclusion on the National Register of Historic Places qualify for streamlined review.

C. Undertakings determined to pose an imminent threat to human health and safety qualify for streamlined review. APEs of these undertakings that have not yet been surveyed for cultural resources, will be surveyed, if permitted under Army regulation. Such activities include:

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

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<sup>1</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>2</sup> All properties within the APE older than 45 years must be, prior to the undertaking, evaluated for eligibility to the National Register of Historic Places. This includes archaeological and structural resources. U.S. Army Garrison Fort Wainwright (USAG FWA) must have received concurrence from the SHPO on the determinations of eligibility (DOE). Properties within the APE that are less than 45 years do not need DOE unless there is a potential that they are exceptionally significant properties.

4. Environmental restoration surveys within restoration operational units as indicated on the map in Exhibit I or as designated by the USAG FWA's Restoration and Compliance personnel

5. Continued military use and operation of dudded impact areas<sup>3</sup>, active firing ranges, and other designated surface danger zones<sup>4</sup> that are in active use

6. Installation or removal/decommissioning of small scale, temporary and/or permanent environmental monitoring units within restoration operational units for the mitigation of hazardous materials

7. Replacement or removal of broken and leaking tanks which contain hazardous substances and that are not historic properties or contributing features within the NHL or HD.

D. The following undertakings qualify for streamlined review **only if** they meet Criteria A and/or B and the potential visual impact will not alter the character-defining features of a historic property including the NHL and HD and their contributing properties as determined by personnel who meet the appropriate Secretary of the Interior's Professional Qualifications Standards and the undertaking is in compliance with the Installation Design Guidelines

1. Construction, expansion, replacement, maintenance, repair, or removal of existing surface or buried linear non-building infrastructure, including surface utility lines, transmission lines, other minor linear features such as fences, streets, trails, bike paths, parking areas (including headbolt heaters), railroad crossings, 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

2. In-kind replacement, maintenance, repair, or removal of properties within the HD and NHL determined non-contributing with concurrence from the SHPO

3. Small-scale additions on non-contributing, stand-alone objects or structures such as small antennas, weather observation equipment, utility meters, or interpretive panels that are not visible beyond the immediate area

4. Vegetation management practices including removal or replacement of trees and other shrubs with historically similar (in type, height, and mass) plantings

5. Routine military training and deployment activities involving no ground disturbance or occurring in previously surveyed areas

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<sup>3</sup> *Dudded* impact areas are those defined as an area with designated boundaries within which ammunition rounds or explosives have failed to fire or detonate.

<sup>4</sup> *Surface danger zones* are designated areas outside of expected target locations that are used as a buffer and have potential for existence of UXO. They are considered dangerous only when live firing is occurring.

6. Installation of smoke detectors or other environmental monitoring devices in a manner that is reversible and causes minimal damage to the historic fabric of a building as determined by qualified CRM staff.

7. 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

8. Removal of pests and the material associated with their presence

9. Installation of monitoring devices and security measures, such as window bars, security lighting, and emergency lighting, that is reversible and causes minimal alteration of the historic fabric of a building as determined by qualified CRM staff.

10. Repainting buildings using the same or similar paint type and color

11. Temporary use of objects such as signage, road blocks, and jersey barriers to ensure public safety or to support large events

12. Installation of temporary wildlife management devices for scientific or health and welfare purposes

13. Installation, replacement, maintenance, and removal of items necessary for public safety such as street signs or light poles

E. **Applicable to historic properties only**, undertakings qualify for streamlined review that are considered routine repairs and replacement of materials and conform to the Secretary of the Interior's Standards for the Treatment of Historic Properties and do not include alterations to the character-defining features of the historic property as determined under review by qualified CRM staff with comparison against the Installation Design Guidelines. These undertakings include:

1. Repair—*when the physical condition warrants additional work*—of roofs, siding, windows, porches, doors, stairs, decking, flooring, footings/foundations, retaining walls, gutters, and other structural components that are regularly maintained. In this case, repair methods include the least degree of intervention possible, such as patching, piecing-in, splicing, consolidating, or otherwise reinforcing or upgrading historical materials according to recognized preservation methods and the limited replacement in kind—or with compatible substitute material—of extensively deteriorated or missing parts of features when there are surviving prototypes. Although use of the same material is preferred, substitute material is acceptable if the form, design, and substitute material convey the visual appearance of the remaining parts of the feature and finish.

2. Replacement—*when the level of deterioration or damage of materials precludes repair*—of roofs, siding, windows, porches, doors, stairs, decking, flooring, footings/foundations, retaining walls, gutters, and other structural components when the replacement of the entire feature is done in kind, that is, with the same material. Because this may not always be

technically or economically feasible, the use of a compatible substitute material, though not preferred, may be considered.

3. Repair or replacement of elements related to plumbing, electrical, and mechanical systems that are necessary to maintain a building

4. Expansion, replacement, maintenance, repair, or removal of interior features if the features are not historically significant

**Exhibit B:  
Training Areas and Other Properties, Fort Wainwright, Alaska**

**[See Attachment]**

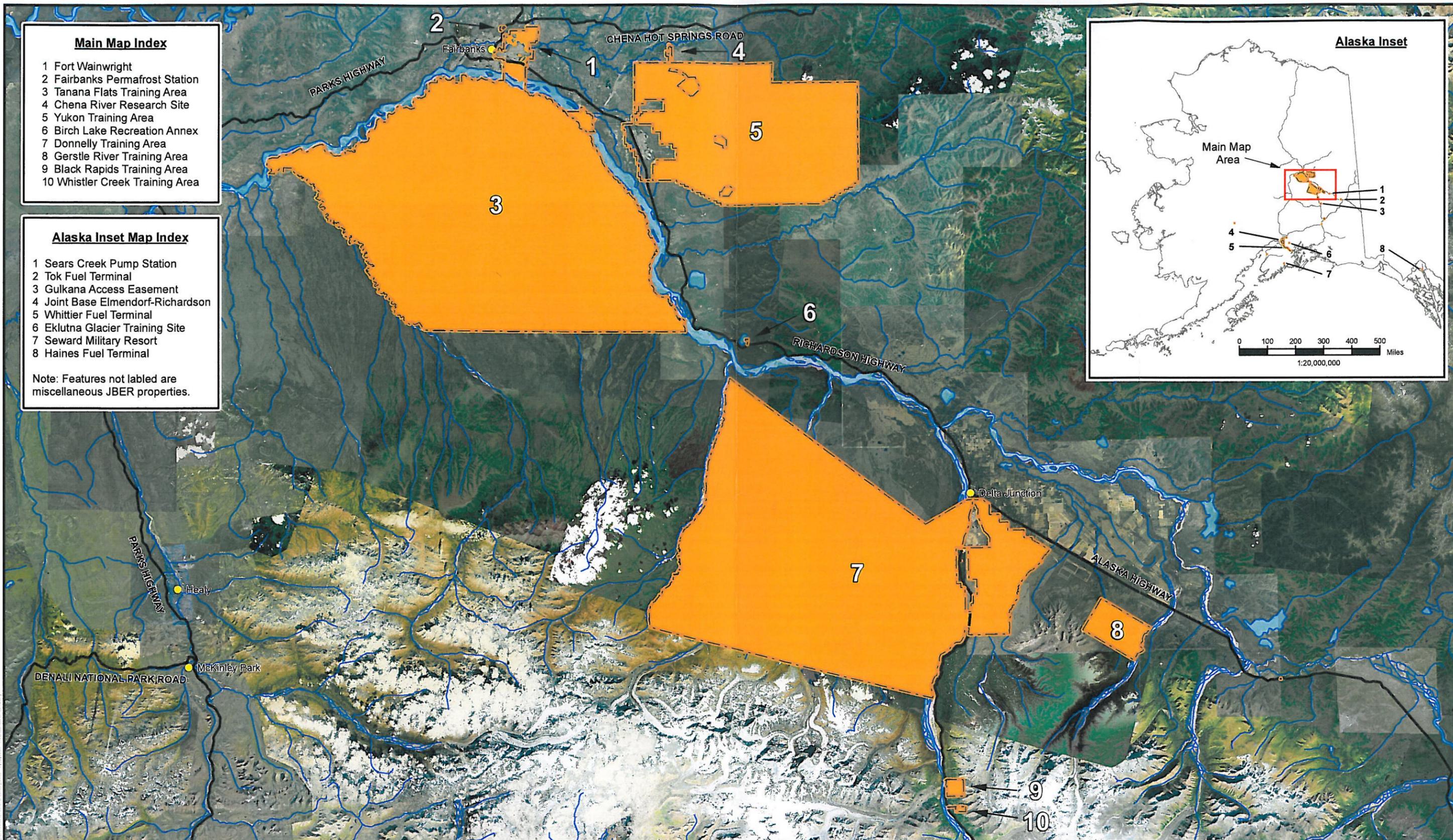
**Main Map Index**

- 1 Fort Wainwright
- 2 Fairbanks Permafrost Station
- 3 Tanana Flats Training Area
- 4 Chena River Research Site
- 5 Yukon Training Area
- 6 Birch Lake Recreation Annex
- 7 Donnelly Training Area
- 8 Gerstle River Training Area
- 9 Black Rapids Training Area
- 10 Whistler Creek Training Area

**Alaska Inset Map Index**

- 1 Sears Creek Pump Station
- 2 Tok Fuel Terminal
- 3 Gulkana Access Easement
- 4 Joint Base Elmendorf-Richardson
- 5 Whittier Fuel Terminal
- 6 Eklutna Glacier Training Site
- 7 Seward Military Resort
- 8 Haines Fuel Terminal

Note: Features not labeled are miscellaneous JBER properties.



**TRAINING AREAS AND OTHER PROPERTIES  
FORT WAINWRIGHT, ALASKA  
EXHIBIT B**

Fort Wainwright, Alaska  
DPW - Environmental Division  
Building 3023



1:700,000

Imagery Source:  
Best Data Layer hosted by  
Geographical Information  
Network of Alaska

**LEGEND:**

- INSTALLATION BOUNDARY
- TRAINING AREA
- ALASKA HIGHWAYS
- SURFACE WATER

**Exhibit C:  
Ladd Field National Historic Landmark (NHL) (FAI-00236) and the Ladd Air Force Base  
Cold War Historic District (HD) (FAI-01288), Fort Wainwright, Alaska**

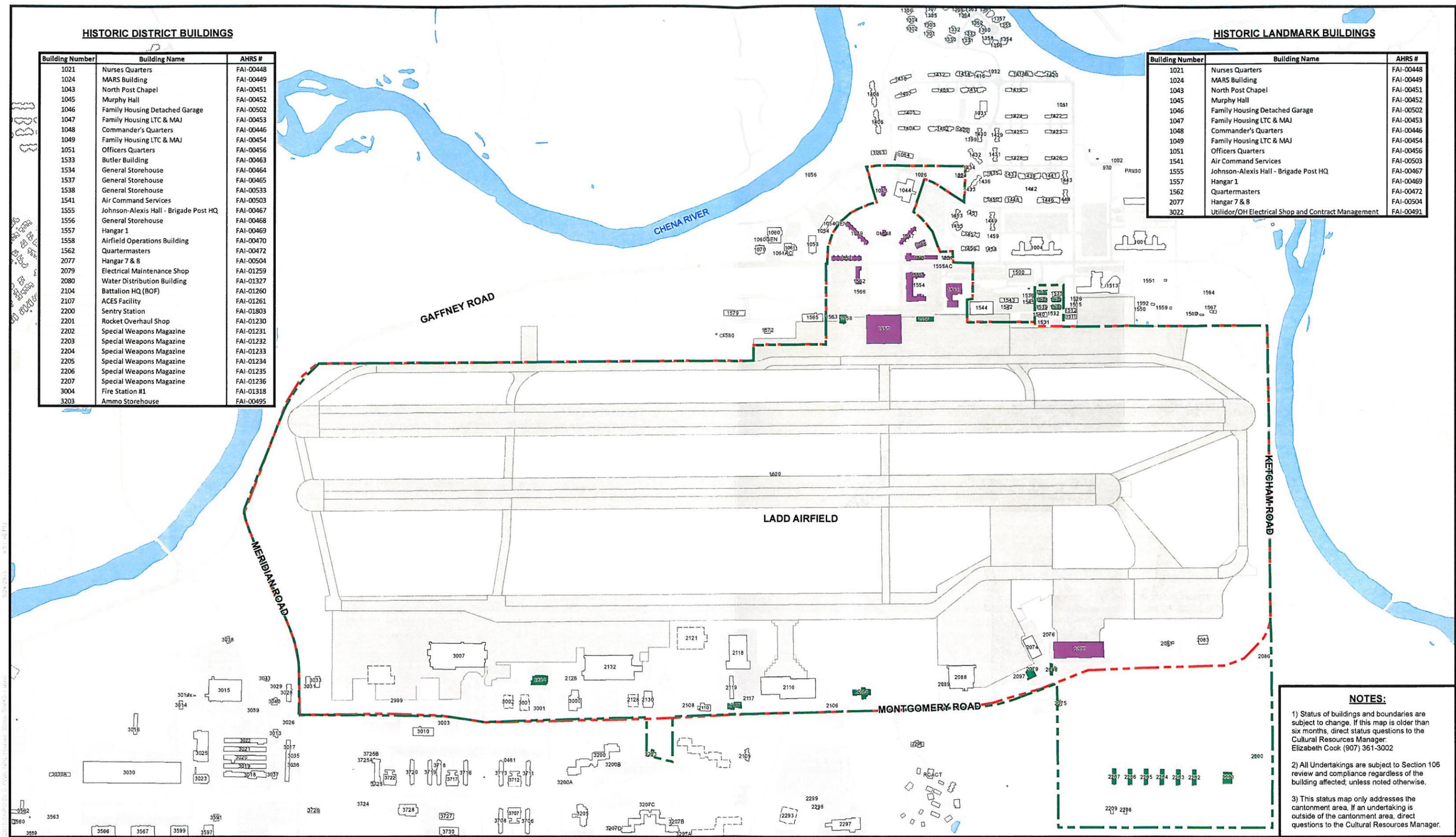
[See Attachment]

**HISTORIC DISTRICT BUILDINGS**

Building Number	Building Name	AHRS #
1021	Nurses Quarters	FAI-00448
1024	MARS Building	FAI-00449
1043	North Post Chapel	FAI-00451
1045	Murphy Hall	FAI-00452
1046	Family Housing Detached Garage	FAI-00502
1047	Family Housing LTC & MAJ	FAI-00453
1048	Commander's Quarters	FAI-00446
1049	Family Housing LTC & MAJ	FAI-00454
1051	Officers Quarters	FAI-00456
1533	Butler Building	FAI-00463
1534	General Storehouse	FAI-00464
1537	General Storehouse	FAI-00465
1538	General Storehouse	FAI-00533
1541	Air Command Services	FAI-00503
1555	Johnson-Alexis Hall - Brigade Post HQ	FAI-00467
1556	General Storehouse	FAI-00468
1557	Hangar 1	FAI-00469
1558	Airfield Operations Building	FAI-00470
1562	Quartermasters	FAI-00472
2077	Hangar 7 & 8	FAI-00504
2079	Electrical Maintenance Shop	FAI-01259
2080	Water Distribution Building	FAI-01327
2104	Battalion HQ (BOF)	FAI-01260
2107	ACES Facility	FAI-01261
2200	Sentry Station	FAI-01803
2201	Rocket Overhaul Shop	FAI-01230
2202	Special Weapons Magazine	FAI-01231
2203	Special Weapons Magazine	FAI-01232
2204	Special Weapons Magazine	FAI-01233
2205	Special Weapons Magazine	FAI-01234
2206	Special Weapons Magazine	FAI-01235
2207	Special Weapons Magazine	FAI-01236
3004	Fire Station #1	FAI-01318
3203	Ammo Storehouse	FAI-00495

**HISTORIC LANDMARK BUILDINGS**

Building Number	Building Name	AHRS #
1021	Nurses Quarters	FAI-00448
1024	MARS Building	FAI-00449
1043	North Post Chapel	FAI-00451
1045	Murphy Hall	FAI-00452
1046	Family Housing Detached Garage	FAI-00502
1047	Family Housing LTC & MAJ	FAI-00453
1048	Commander's Quarters	FAI-00446
1049	Family Housing LTC & MAJ	FAI-00454
1051	Officers Quarters	FAI-00456
1541	Air Command Services	FAI-00503
1555	Johnson-Alexis Hall - Brigade Post HQ	FAI-00467
1557	Hangar 1	FAI-00469
1562	Quartermasters	FAI-00472
2077	Hangar 7 & 8	FAI-00504
3022	Utilidor/OH Electrical Shop and Contract Management	FAI-00491

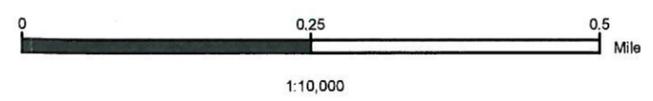


**NOTES:**

- 1) Status of buildings and boundaries are subject to change. If this map is older than six months, direct status questions to the Cultural Resources Manager: Elizabeth Cook (907) 361-3002
- 2) All Undertakings are subject to Section 106 review and compliance regardless of the building affected; unless noted otherwise.
- 3) This status map only addresses the cartonnment area. If an undertaking is outside of the cartonnment area, direct questions to the Cultural Resources Manager.

**NATIONAL HISTORIC LANDMARK & HISTORIC DISTRICT  
FORT WAINWRIGHT, ALASKA  
EXHIBIT C**

Fort Wainwright, Alaska  
DPW - Environmental Division  
Building 3023



**LEGEND:**

<span style="display:inline-block; width:15px; height:15px; background-color:purple; border:1px solid black;"></span> BOTH HD & NHL BUILDINGS	<span style="display:inline-block; width:15px; height:15px; border:2px solid orange;"></span> INSTALLATION BOUNDARY
<span style="display:inline-block; width:15px; height:15px; background-color:green; border:1px solid black;"></span> HISTORIC DISTRICT BUILDINGS (HD)	<span style="display:inline-block; width:15px; height:15px; border:2px dashed green;"></span> LADD AFB HISTORIC DISTRICT BOUNDARY
<span style="display:inline-block; width:15px; height:15px; border:1px solid black;"></span> OTHER BUILDINGS	<span style="display:inline-block; width:15px; height:15px; border:2px dashed red;"></span> LADD FIELD NATIONAL HISTORIC LANDMARK BOUNDARY

**Exhibit D:  
Buildings Less Than Forty-Five (45) Years, Fort Wainwright, Alaska**

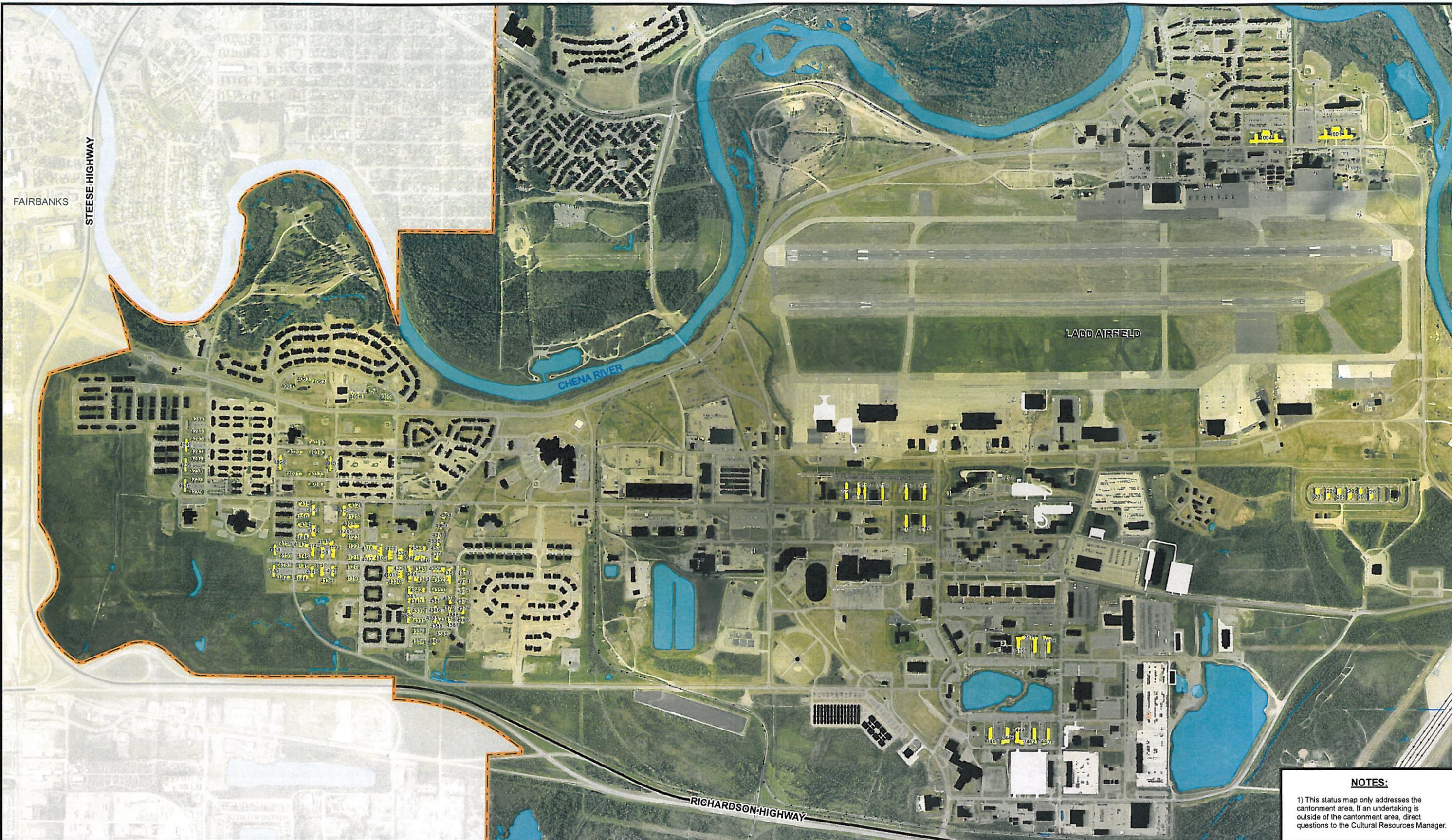
[See Attachment]



**Exhibit E:**

**Properties on Fort Wainwright 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]

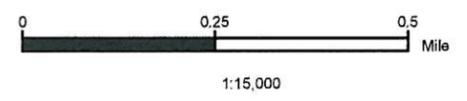


**NOTES:**  
 1) This status map only addresses the cantonment area. If an undertaking is outside of the cantonment area, direct questions to the Cultural Resources Manager.

**STRUCTURES COVERED BY NATION-WIDE PROGRAM COMMENTS  
 FORT WAINWRIGHT, ALASKA  
 EXHIBIT E**



Fort Wainwright, Alaska  
 DPW - Environmental Division  
 Building 3023



- LEGEND:**
- INSTALLATION BOUNDARY
  - ALASKA HIGHWAYS
  - RAILROAD
  - SURFACE WATER
  - STRUCTURE COVERED BY PROGRAM COMMENTS
  - OTHER EXISTING STRUCTURE

**Exhibit F:  
Previously Disturbed Areas, Fort Wainwright, Alaska**

**[See Attachment]**

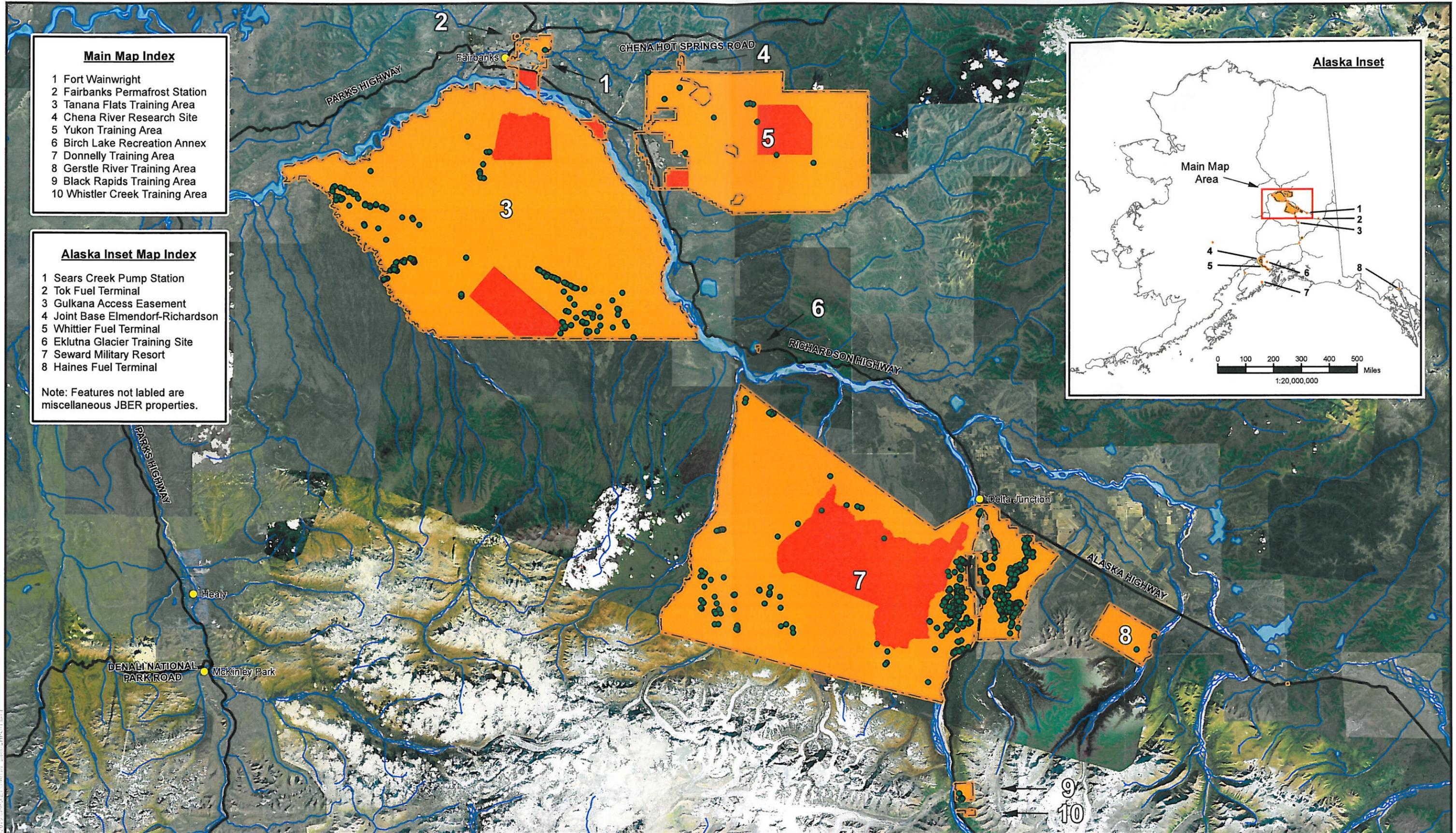
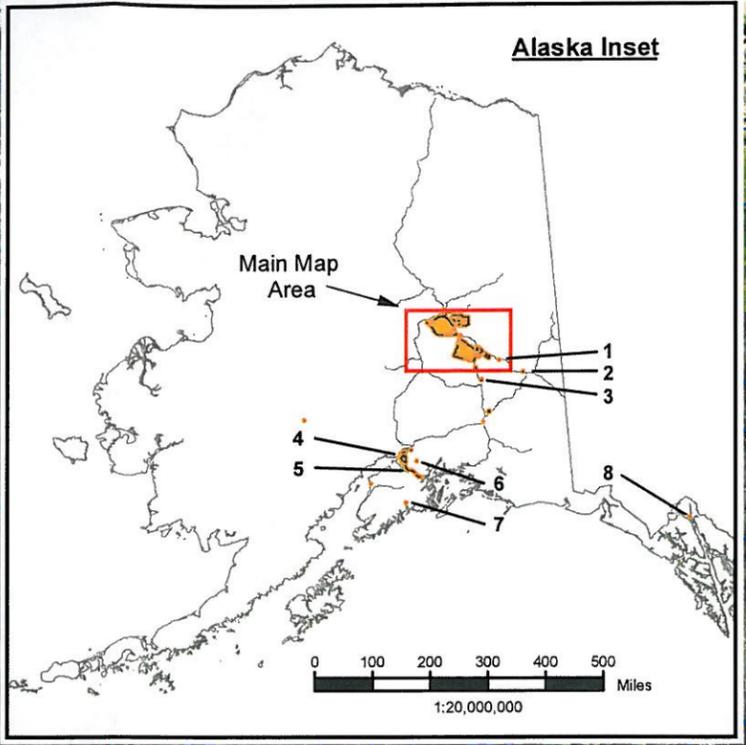


**Exhibit G:  
Archaeological Resources Eligible for Inclusion in the National Register (or have not yet  
been Determined Eligible or Not Eligible), Fort Wainwright, Alaska**

[See Attachment]

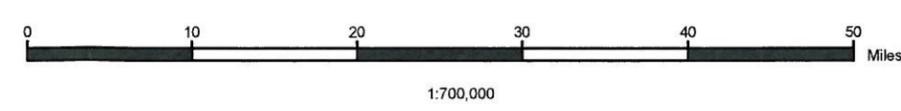
- Main Map Index**
- 1 Fort Wainwright
  - 2 Fairbanks Permafrost Station
  - 3 Tanana Flats Training Area
  - 4 Chena River Research Site
  - 5 Yukon Training Area
  - 6 Birch Lake Recreation Annex
  - 7 Donnelly Training Area
  - 8 Gerstle River Training Area
  - 9 Black Rapids Training Area
  - 10 Whistler Creek Training Area

- Alaska Inset Map Index**
- 1 Sears Creek Pump Station
  - 2 Tok Fuel Terminal
  - 3 Gulkana Access Easement
  - 4 Joint Base Elmendorf-Richardson
  - 5 Whittier Fuel Terminal
  - 6 Eklutna Glacier Training Site
  - 7 Seward Military Resort
  - 8 Haines Fuel Terminal
- Note: Features not labeled are miscellaneous JBER properties.



**ARCHAEOLOGICAL RESOURCES ELIGIBLE FOR INCLUSION  
FORT WAINWRIGHT, ALASKA  
EXHIBIT G**

Fort Wainwright, Alaska  
DPW - Environmental Division  
Building 3023



**LEGEND:**

- INSTALLATION BOUNDARY
- ELIGIBLE SITES
- IMPACT AREAS
- TRAINING AREA
- ALASKA HIGHWAYS
- SURFACE WATER

Imagery Source:  
Best Data Layer hosted by  
Geographical Information  
Network of Alaska

**Exhibit H:**  
**Lands that have been Surveyed for Archaeological Resources, Fort Wainwright, Alaska**

[See Attachment]

**Main Map Index**

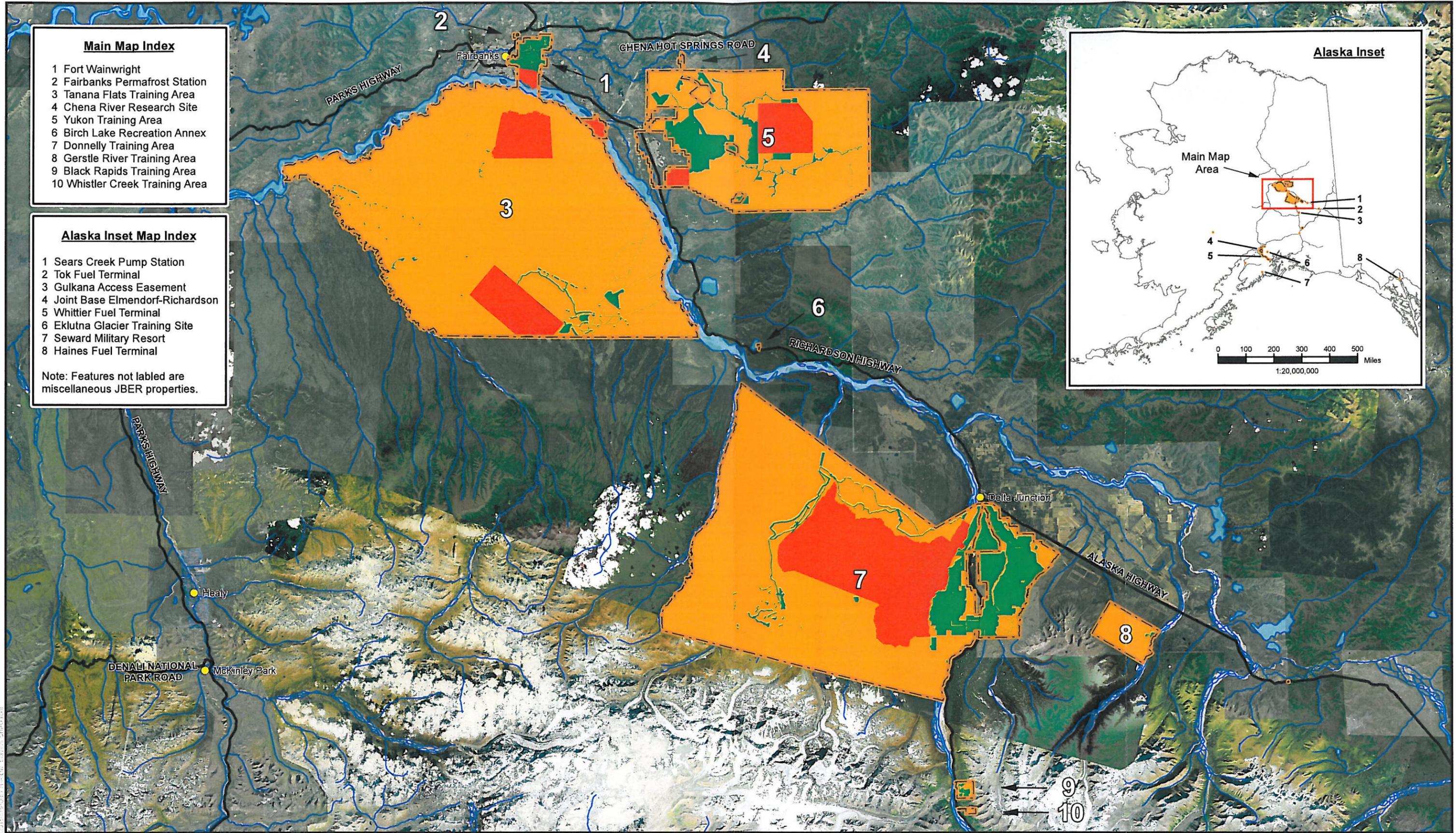
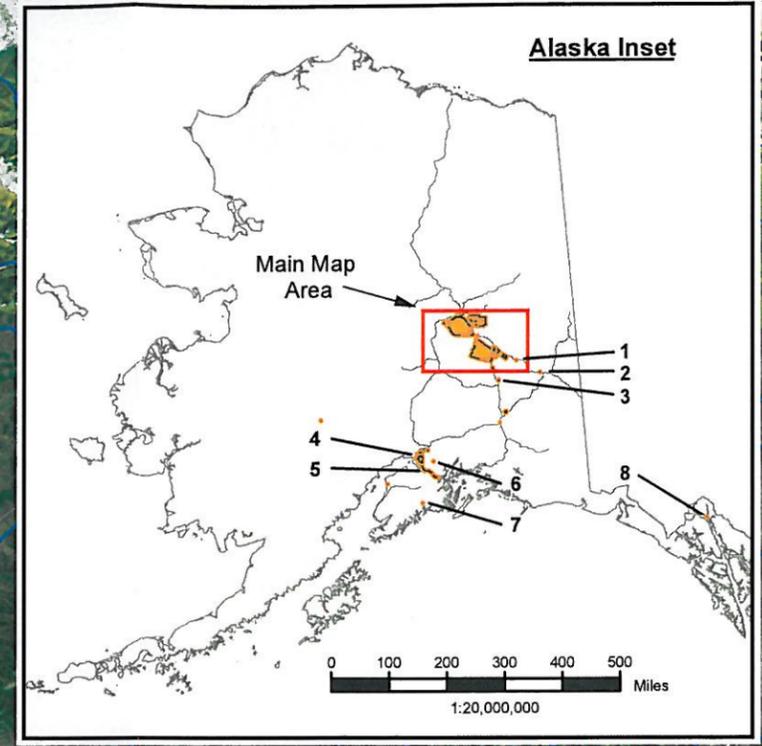
- 1 Fort Wainwright
- 2 Fairbanks Permafrost Station
- 3 Tanana Flats Training Area
- 4 Chena River Research Site
- 5 Yukon Training Area
- 6 Birch Lake Recreation Annex
- 7 Donnelly Training Area
- 8 Gerstle River Training Area
- 9 Black Rapids Training Area
- 10 Whistler Creek Training Area

**Alaska Inset Map Index**

- 1 Sears Creek Pump Station
- 2 Tok Fuel Terminal
- 3 Gulkana Access Easement
- 4 Joint Base Elmendorf-Richardson
- 5 Whittier Fuel Terminal
- 6 Eklutna Glacier Training Site
- 7 Seward Military Resort
- 8 Haines Fuel Terminal

Note: Features not labeled are miscellaneous JBER properties.

**Alaska Inset**



**SURVEYED FOR ARCHAEOLOGICAL RESOURCES  
FORT WAINWRIGHT, ALASKA**

**EXHIBIT H**

Fort Wainwright, Alaska  
DPW - Environmental Division  
Building 3023



1:700,000

Imagery Source:  
Best Data Layer hosted by  
Geographical Information  
Network of Alaska

**LEGEND:**

- INSTALLATION BOUNDARY
- SURVEYED AREAS
- IMPACT AREAS
- TRAINING AREA
- ALASKA HIGHWAYS
- SURFACE WATER



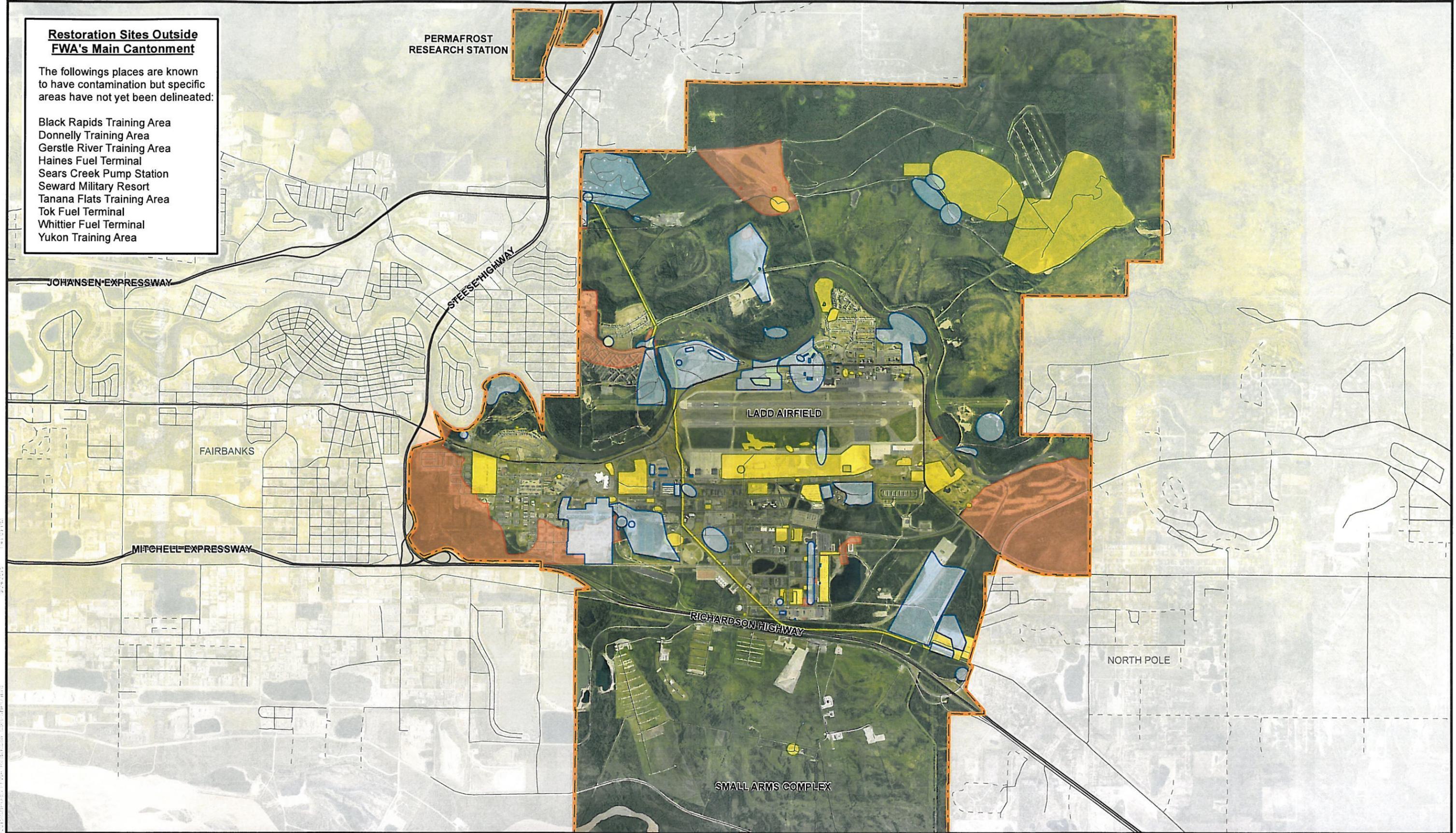
**Exhibit I:  
Environmental Restoration Sites, Fort Wainwright, Alaska**

**[See Attachment]**

**Restoration Sites Outside  
FWA's Main Cantonment**

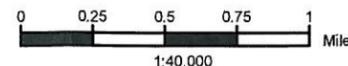
The followings places are known to have contamination but specific areas have not yet been delineated:

- Black Rapids Training Area
- Donnelly Training Area
- Gerstle River Training Area
- Haines Fuel Terminal
- Sears Creek Pump Station
- Seward Military Resort
- Tanana Flats Training Area
- Tok Fuel Terminal
- Whittier Fuel Terminal
- Yukon Training Area



**ENVIRONMENTAL RESTORATION SITES  
FORT WAINWRIGHT, ALASKA  
EXHIBIT I**

Fort Wainwright, Alaska  
DPW - Environmental Division  
Building 3023



Imagery Sources:  
Best Data Layer hosted by  
Geographical Information  
Network of Alaska & 2012  
Pictometry 4" aerial imagery.

**SITE TYPE DEFINITIONS:**

CERCLA: Comprehensive Environmental Response,  
Compensation, and Liability Act  
Agencies involved: U.S. Army, Alaska DEC, & U.S. EPA  
These sites are grouped into "Operable Units."

DSMOA: Defense-State Memorandum of Agreement  
Agencies involved: U.S. Army & Alaska DEC  
These sites are more commonly called "Two-Party Sites."

MMRP: Military Munitions Response Program  
Agencies involved: U.S. Army, Alaska DEC, &  
U.S. EPA. This program is part of the CERCLA legislation.

**LEGEND:**

- INSTALLATION BOUNDARY
- CERCLA SITES
- DSMOA SITES
- MMRP SITES

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