

DEPARTMENT OF THE ARMY INSTALLATION MANAGEMENT COMMAND HEADQUARTERS, U.S. ARMY GARRISON ALASKA 1046 MARKS ROAD #6000 FORT WAINWRIGHT, ALASKA 99703-6000

#### PROGRAMMATIC AGREEMENT AMONG THE UNITED STATES ARMY GARRISON ALASKA, THE ALASKA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE OPERATION, MAINTENANCE, AND DEVELOPMENT OF ARMY-MANAGED RESOURCES AT FORT WAINWRIGHT, FORT GREELY, ASSOCIATED TRAINING AREAS AND OTHER PROPERTIES, ALASKA

# AK-PA-2202

**WHEREAS**, United States Army Garrison Alaska (USAG Alaska) proposes to continue to coordinate and administer an ongoing program of operation, maintenance, and development (O & M) on federally-owned facilities at Fort Wainwright, Fort Greely, associated training areas, and other properties; and

WHEREAS, 'The Memorandum of Understanding between the U.S. Department of the Interior Bureau of Land Management (BLM) Alaska and the U.S. Army Garrison Fort Wainwright concerning the Management of Lands in Alaska Withdrawn by Public Law 106-65 for Military Use' outlines USAG Alaska's responsibility for the management of cultural resources for the purposes of Archaeological Resources Protection Act (ARPA) permitting, Native American Graves and Repatriation Act (NAGPRA) compliance, and the National Historic Preservation Act (NHPA) Section 110 inventory and Section 106 compliance for the period of time 2016 to 2026; and

WHEREAS, USAG Alaska carries out its program of O&M pursuant to Army Regulation, thereby projects associated with the aforementioned program, which may include ongoing operations, training, testing, 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 (NRHP) are considered undertakings subject to review under Section 106 of the NHPA of 1966, as amended, (54 United States Code (U.S.C.) § 306108), and its implementing regulations, 36 Code of Federal Regulations (CFR) § 800; and

**WHEREAS**, USAG Alaska has established a plan for implementation and 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, USAG Alaska has determined that for the purposes of undertakings considered as part of this Programmatic Agreement (Agreement), the Areas of Potential Effects (APEs) for this agreement include Fort Wainwright, Fort Greely, the Fairbanks Permafrost Station, Tanana Flats Training Area, Chena River Research Site, Yukon Training Area, Donnelly Training Area, Gerstle River Training Area, Black Rapids Training Area, Whistler Creek Training Area, Sears Creek Pump Station, Tok Fuel Terminal, Whittier Fuel Terminal, Seward Military Resort, and Haines Fuel Terminal ("associated training areas and other properties") as shown in **Exhibit B**; and

**WHEREAS**, this Agreement applies to all undertakings within APEs that are under the direct or indirect jurisdiction of USAG Alaska, including undertakings performed by USAG Alaska lessees, permittees, and tenant units, which are coordinated and approved by the Army; and

WHEREAS, USAG Alaska has determined that the aforementioned program may have an effect on properties eligible for listing on the NRHP, specifically, Fort Wainwright Building 4070 (FAI-01283) and Building 4391 (FAI-01789); Ladd Air Force Base Cold War Historic District (FAI-01288); the districts' respective contributing properties (buildings and structures) identified, in **Exhibits C and D,** and archaeological sites or within the Ladd Field National Historic Landmark (NHL) (FAI-00236); and has consulted with the Advisory Council on Historic Preservation (ACHP) and the Alaska State Historic Preservation Officer (SHPO) pursuant to 36 CFR § 800.14(b); and

**WHEREAS**, the Fort Greely New Post Historic District (XMH-01275) was determined to be no longer eligible for the NRHP with SHPO concurrence received 2 December 2021; and

**WHEREAS**, the properties listed in **Exhibit E** on Fort Wainwright and Fort Greely have been addressed under Nationwide Program Alternatives or 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, USAG Alaska-managed lands shown in Exhibit F are areas where historic land management practices included demolition and bury-in-place; landfill of disposed materials, in distant proximity to their contemporary activity zones; and unregulated ground disturbance prior to the passing of the NHPA. Areas have experienced significant ground disturbance since military occupation and are considered legacy debris deposits or ground-disturbing activity areas. Items found in these areas during ground disturbance will be considered not eligible for the NRHP unless considered exceptionally significant by qualified cultural resources management staff or found in deeper, undisturbed soil (see Stipulation III.F.); and

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

**WHEREAS**, USAG Alaska-managed 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, Alaska Department of Environmental Conservation, and U.S. 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 (see Stipulation III.G.); and

**WHEREAS**, the areas of Fort Greely shown in **Exhibit I** are known contaminated areas that are excluded from ground disturbing activities for cultural resource management due to concern for human health and safety; and

**WHEREAS**, USAG Alaska manages cultural resources under a current Integrated Cultural Resources Management Plan (ICRMP) for Forts Wainwright and Greely, renewed every five years and consulted with stakeholders; and

WHEREAS, pursuant to Army Regulation (AR) 200-1, the Army has designated the USAG Alaska Garrison Commander to serve as the agency official responsible for compliance with the requirements of the NHPA and the USAG Alaska Garrison Commander has appointed a government employee as Cultural Resources Manager (CRM) to implement those requirements and to "ensure that efforts to identify, evaluate, and treat historic properties consider the Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation, and are conducted under the supervision of personnel who meet applicable professional qualifications for undertaking such work." (AR 200-1, 6-4(5)); and

**WHEREAS**, USAG Alaska CRM staff ensures that undertakings routinely employ the Secretary of the Interior Treatment Standards and established installation design guidelines; and

**WHEREAS**, per 36 CFR 800.14(b)(1), the Section 106 process allows for the development of programmatic agreements to more efficiently implement compliance when there are routine management activities or when effects on historic properties are similar and repetitive; 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 (36 CFR § 800.10); and

**WHEREAS**, USAG Alaska leadership holds biannual meetings with Alaska Native federally-recognized tribal government leaders during which all cultural resource

management activities are consulted, and all Section 106 correspondence and cultural resource management reports are sent to tribes for review and comment; and

**WHEREAS**, all lands managed by USAG Alaska have been subject to consultation with the Alaska Native community for the purposes of identifying culturally sensitive sites and Traditional Cultural Properties; and

**WHEREAS**, in accordance with 36 CFR § 800.6(a)(1), USAG Alaska has notified the Advisory Council on Historic Preservation (ACHP) of the potential for adverse effects on 16 December 2020, provided the specified documentation, and the ACHP has chosen to participate in the consultation pursuant to 36 CFR § 800(a)(1)(iii) on 23 December 2020; and

WHEREAS, in accordance with 36 CFR 800.10(c), USAG Alaska has notified the Secretary of the Interior (SOI) through the Interior Region 11 Office of the National Park Service of this consultation as it involves a NHL. The NPS has chosen to participate in the consultation and has been invited to sign this Agreement as a concurring party [on 17 December 2020]; and

**WHEREAS**, USAG Alaska invited the Fairbanks North Star Borough, a Certified Local Government, to participate in consultation pursuant to 36 CFR § 800.2(c)(3) and to be a concurring party to this Agreement pursuant to 36 CFR § 800.6(c)(3) on 16 December 2020 and it accepted on 6 January 2021; and

**WHEREAS**, USAG Alaska invited the Bureau of Land Management (BLM) to participate in consultation pursuant to 36 CFR § 800.2(c)(3) and to be a concurring party to this Agreement pursuant to 36 CFR § 800.6(c)(3) on 16 December 2020 and it accepted on 17 December 2020; and

**WHEREAS**, USAG Alaska 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 Agreement pursuant to 36 CFR § 800.6(c)(3) on 16 December 2020 and no tribes accepted the offer to consult as of 14 January 2021; and

**WHEREAS**, USAG Alaska invited the Tanana Yukon Historical Society (TYHS) and University of Alaska Fairbanks Museum of the North (UAF) to participate as consulting parties on 16 December 2020, and TYHS accepted on 6 January 2021 and UAF accepted on 7 January 2021; and

WHEREAS, in accordance with 36 CFR § 800.14(b)(2)(ii), USAG Alaska has arranged for public participation by placing notice of this Agreement on the USAG Alaska Directorate of Public Works (DPW) Environmental Division website at https://home.army.mil/alaska/index.php/fort-wainwright/garrison/public-works/environmental; and

**WHEREAS**, this Agreement supersedes the 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,* [amended in 2020 to extend the terms for management of historic properties to those at Fort Greely], upon its execution on the date signed by the ACHP; and

**NOW, THEREFORE**, USAG Alaska, the SHPO, and the ACHP agree that the program of O & M at Fort Wainwright, Fort Greely, associated training areas, and other properties 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 Alaska Garrison Commander, on behalf of the Army, shall ensure that the following measures are carried out:

#### I. RESPONSIBILITIES AND DUTIES

A. USAG Alaska 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 to serve as installation cultural resources management staff and carry out the cultural resources management tasks. The cultural resources management staff shall be headed by a CRM who supervises the cultural resources management staff. The USAG Alaska Garrison Commander shall ensure that the qualified professionals are in place or available upon the execution of this Agreement and throughout its duration.

B. If USAG Alaska 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 Alaska Garrison Commander shall ensure that the CRM participates in installation-level planning of projects and activities that may affect historic properties. The USAG Alaska Garrison Commander shall ensure that the CRM, in consultation with the cultural resource management staff, reviews all undertakings that are carried out in accordance with the terms of this Agreement.

#### II. STREAMLINED REVIEW

A. The USAG Alaska 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 Agreement. 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, ICRMP, lessee, permittee, and tenant activities, and historic property renovation and demolition plans that are scheduled for implementation within the duration of this Agreement.

B. The USAG Alaska Garrison Commander shall ensure that all undertakings and installation planning documents are reviewed and carried out in accordance with the terms of this Agreement. The USAG Alaska 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 Agreement.

C. Where the CRM, in consultation with cultural resources management staff, determines the 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 prior to project execution.

D. Streamlined Review Process:

In connection with the staffing and responsibilities identified above, the following conditions must be met for an undertaking to be considered eligible for the streamlined process.

1. *Identify the Undertaking's Area of Potential Effect (APE):* The CRM, in consultation with cultural resources management staff, shall define and document the project's APE for each specific undertaking, appropriate to the scope and scale of the undertaking, taking into account direct, indirect, and cumulative effects.

2. Identify Historic Properties within the APE: The CRM, in consultation with cultural resources management staff, shall identify previously identified historic properties within the APE. If properties are located within the APE that have not yet been evaluated for eligibility for inclusion in the NRHP, 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, and is not within an area exempted from survey due to prior disturbance or prohibited by Army/DOD regulation based on its location within a contaminated or impact area, an appropriate level of survey shall be completed within the APE to evaluate the eligibility of any cultural resources present, except in areas prohibited by Army regulation.

3. Assess the Effect of the Undertaking on Historic Properties within the APE: The CRM, in consultation with cultural resources management staff, shall assess 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). Additionally, the CRM may engage staff at the ACHP, SHPO, and NPS to seek professional expertise when evaluating the effect of the undertaking to ensure the most prudent determination is made.

4. Evaluate the Proposed Undertaking for Streamlined Review: The CRM, in consultation with cultural resources management staff, shall determine whether the proposed undertaking meets the criteria for streamlined review. If the undertaking 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 the 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 log that is used to record all actions taken on USAG Alaska properties as recorded through work orders, service orders, Records of Environmental Concerns (RECs), and checklists for activities executed by USARAK Range Control, Cold Regions Test Center (CRTC), or other entities.

b) The log will include any identifying numbers for cross reference, the building, structure, or site affected, a description of the undertaking, the date of review, the streamline review code that defines the undertaking, the personnel performing the review, and any other comments deemed necessary to clarify the reason for streamlining. Prior to submission of the log to SHPO and interested parties, all entries will be reviewed for accuracy by the CRM.

c) Logs will be permanently retained by the CRM for possible review by consulting parties and to facilitate preparation of the annual report (Stipulation VII.A.1).

# **III. PROTECTION OF HISTORIC PROPERTIES**

A. USAG Alaska shall be required to protect all historic properties; sites/resources not yet assessed for NRHP eligibility; and properties of traditional, religious, and cultural importance (collectively referred to as protected resources) utilizing one or more of the site protection measures described below.

1. High protective measures—defined as placement of Seibert stakes, hedgehogs or other blockading devices, signage, or a combination thereof—shall be installed where protected resources are at risk of damage from heavy mission or recreation traffic. In addition to the physical protection measures, the geospatial data will be maintained within the USAG Alaska's records. 2. Standard protective measures—defined as solely maintaining the geospatial data within the USAG Alaska's database of record in lieu of utilizing high protective measures—shall be utilized when protected resources are located in terrain-protected areas or the likelihood of damage from mission or recreation vehicles and users is low. As determined by the CRM and cultural resources management staff, standard protective measures may also be utilized at protected resources located in areas where it may be better served not to use high protective measures (e.g., in order to not attract undue attention or if sites have a determination of eligibility that is disputed).

B. USAG Alaska shall periodically monitor or conduct condition assessments for protected resources periodically to confirm the adequacy of the protection measure employed. Monitoring and associated documentation shall follow the procedures set forth in the ICRMP. USAG Alaska shall propose updates to the monitoring frequency in response to observations or changes in technological capabilities. Proposed updates will be identified in the Annual Report, as provided for in Stipulation VII.A.2 of this Agreement.

C. USAG Alaska shall work with Range Control, project managers, unit exercise planners, and other relevant personnel to provide units a means of knowing the locations of protected resources while involved in training exercises.

D. If USAG Alaska becomes aware that any historic property on Fort Wainwright, Fort Greely, or associated properties has been inadvertently damaged by an action or undertaking not in conformity with the review process set out in this Agreement or other applicable agreement, the USAG Alaska Garrison Commander will report how the damage occurred and the extent of damage to the historic property involved to the SHPO in accordance with 36 CFR § 800.13(b) with appropriate mitigation to follow.

#### **IV. POST-REVIEW DISCOVERIES**

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

B. In the event that a previously unidentified non-NAGPRA-related cultural resource is discovered during project activities, all work shall immediately cease in the area of the discovery until the post-review discovery process is completed. USAG Alaska CRM and cultural resources management staff shall evaluate the resource and notify the SHPO and consulting parties to this Agreement regarding such discoveries and related actions within three (3) business days after discovery. USAG Alaska shall notify Tribes, as determined appropriate by the CRM, regarding such discoveries and related actions within three (3) business days after discovery unless the find(s) qualify for item F below. USAG Alaska shall ensure that any archaeological work that may be necessary shall be completed in accordance with the NHPA and the ARPA. C. USAG Alaska 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 Alaska CRM, in consultation with the SHPO, Concurring Parties, and Tribes where appropriate, shall determine the NRHP eligibility of the resource.

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

E. If USAG Alaska determines that the cultural resource meets NRHP criteria, USAG Alaska shall determine actions to resolve adverse effects and provide SHPO and Tribes an opportunity to comment as expeditiously as possible and before the actions are carried out. The CRM will provide a report of actions when they are completed to SHPO and Tribes.

F. If the post review discovery is within an area defined as a location of historic military land management practices, including demolition and bury-in-place, burial as debris in distant proximity to their contemporary activity zones, or unregulated ground disturbance, qualified staff will photo-document the found items and make a determination of significance. Items determined to be historically significant will be address with the SHPO. Items determined to not be historically significant will be reported in the annual report in accordance with Stipulation VIII.A.2 and treated as debris.

G. Unanticipated cultural resources discovered over the course of remediation activities will be addressed on a case-by-case basis. While areas of environmental remediation (see Exhibit I) are typically not managed for cultural resources due to health and human risk factors, USAG Alaska CRM and cultural resources management staff will make project managers aware of the possibility of cultural resources and aware that, should items be discovered, work must cease and the USAG Alaska Environmental Division must be contacted.

#### V. INADVERTENT DISCOVERIES

A. If human remains are inadvertently discovered, USAG Alaska shall comply with all State and Federal laws pertaining to human remains and notify the SHPO within 24 hours of discovery. Human remains will be treated with dignity and respect.

B. USAG Alaska shall cease all work and ensure that the remains are secured from further disturbance or vandalism as required by Alaska Statute (AS) 11.46.482(a)(3).

C. Following AS 12.65.5, USAG Alaska 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.

D. If the SME and field archaeologist determine that the remains are Native American, the USAG Alaska Garrison Commander shall immediately undertake any actions necessary under the NAGPRA, as amended (PL 101-601; 25 U.S.C. § 3001-30013; 104 Stat. 3048-3058; 43 CFR § 10) and consulted with Tribes. USAG Alaska shall then immediately notify the SHPO and consult with the SHPO to identify descendants or other interested parties, if any.

E. USAG Alaska, in consultation with the SHPO and any interested parties, shall develop a plan for the respectful treatment and disposition of the remains.

F. Work may resume in affected areas after approval by the USAG Alaska CRM and the SHPO.

#### VI. EMERGENCY ACTIVITIES

A. Emergency situations are those deemed necessary by USAG Alaska as requiring immediate and direct response due to (i) a disaster or emergency declared by the President of the United States, the governor of a state, or the USAG Alaska Garrison Commander or (ii) other immediate threats to life or property.

B. If a natural disaster (e.g. tornado, flooding, or other inclement weather); earthquake; fires; sudden disruption of utility services; environmental spills of hazardous substances, pollutants, or contaminants; or other event with the potential to immediately threaten life or property occurs, USAG Alaska may take immediate actions to address the event without first having to undergo Section 106 review. If human remains are discovered in the course of responding to an emergency situation, applicable laws will be followed.

C. In the case of an emergency, activities/response work will take into consideration that historic properties may be affected by recovery or emergency repair efforts and USAG Alaska shall perform those actions necessary using commercially reasonable efforts to protect cultural resources with on-site monitoring of the emergency activities by staff meeting the Secretary of the Interior's Professional Qualifications Standards to minimize effects to cultural resources. When possible, such emergency measures shall be undertaken in a manner that is consistent with Secretary of the Interior's Standards and Guidelines and will be conducted in a manner that does not foreclose future preservation or restoration of historic properties.

D. This emergency provision is limited to work initiated within ten (10) calendar days of, and in direct response to, an emergency.

E. If emergency action is required and undertaken, USAG Alaska shall provide such information to the SHPO, via email, as soon as practicable and will follow up with written

documentation if any historic properties were discovered or disturbed as a result of emergency response actions. The SHPO shall have ten (10) days to review and comment on any such proposed plan for further actions to address the emergency and actions to resolve adverse effects.

F. All emergency response actions involving a historic property/protected resource will be documented in the Annual Report as required by Stipulation VII.A.2.

#### VII. REPORTING AND ANNUAL REVIEW

A. The USAG Alaska Garrison Commander shall provide the SHPO, concurring parties, and interested consulting parties with two annual reports detailing work from the calendar year and described here.

1. A Streamlined Review report will include the streamlined review log described in Stipulation II.D.5. The Streamlined Review report will be submitted on or before <u>January 31</u> of the following year.

2. The USAG Alaska Cultural Resources Program Annual Report will convey all work related to surveys, determinations of eligibility, post review discoveries, site protection measures, NAGPRA-related activities, ARPA-related activities, and other relevant management practices performed and not otherwise reported to the SHPO. This report will be submitted on or before <u>October 1</u> of the following year.

B. The USAG Alaska Garrison Commander shall ensure that the annual reports are available for public inspection, redacted where appropriate, and that interested members of the public are made aware of their availability through the USAG Alaska DPW Environmental Division website.

C. Consulting parties may request a meeting pertaining to the annual reports within sixty (60) days of receiving each report.

#### **VIII. AMENDMENTS**

A. Any signatory to this Agreement may propose to USAG Alaska that the Agreement body and stipulations be amended. If USAG Alaska concurs that the amendment improves or updates the Agreement, it shall consult with the other parties to this Agreement to consider such amendment in accordance with 36 CFR § 800.6(c)(7). USAG Alaska will share the proposed amendment with the Consulting Parties for a 30-day review and comment period. USAG Alaska will consider all timely comments received and incorporate changes. USAG Alaska will initiate the signature process and, upon completion, send a revised, fully executed version to the Consulting Parties. If a Consulting Party objects to the changes, USAG Alaska will follow the steps in Stipulation VI. Dispute Resolution.

B. USAG Alaska may revise Exhibits B through I at any time without necessitating an amendment. USAG Alaska will notify the Consulting Parties of any updates and provide a copy of the revised Exhibit at the next possible Cultural Resources Working Group meeting.

C. Exhibit A. Implementation of the Streamlined Review Process and Accepted Criteria, may be revised without necessitating an agreement amendment, but requiring written approval from the signatories. USAG Alaska will notify the Consulting Parties of any updates and provide a copy of the revised Exhibit A at the next occurring Cultural Resources Working Group meeting. If a Consulting Party objects to the changes, the USAG Alaska will follow the steps in Stipulation VI. Dispute Resolution.

#### IX. DISPUTE RESOLUTION

A. Should any signatory or concurring party to this Agreement object in writing to USAG Alaska regarding any action carried out or proposed with respect to the implementation of this Agreement, USAG Alaska shall consult with the objecting party. If after initiating such consultation USAG Alaska determines that the objection cannot be resolved through consultation, it shall forward all documentation relevant to the objection to the ACHP, including USAG Alaska's proposed resolution/response to the objection. Within thirty (30) calendar days after receipt of all pertinent documentation, the ACHP shall exercise one of the following options:

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

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

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

B. If the ACHP fails to advise within 45 calendar days, USAG Alaska may make a final decision on the dispute and proceed accordingly, providing to all parties a written response to the objection that takes into account timely comments.

C. USAG Alaska's ability and responsibility to carry out undisputed actions are unaffected by any dispute

D. Should any member of the public raise a timely and substantive objection pertaining to the manner in which the terms of this Agreement are carried out, at any time during its implementation, USAG Alaska shall take the objection into account by consulting with the objector to resolve the objection. When USAG Alaska responds to

an objection, it shall notify all consulting parties of the objection and the manner in which it was resolved. The USAG may request the assistance of a consulting party to resolve an objection.

#### X. TERMINATION

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

B. The party proposing to terminate this Agreement shall notify all parties to the Agreement, 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 Agreement be terminated, the Army shall:

- 1. Consult in accordance with 36 CFR § 800.14 to develop a new Agreement; or,
- 2. Comply with 36 CFR § 800 Subpart B with regard to each future undertaking.

#### XI. ANTI-DEFICIENCY ACT

Federal obligations under this Agreement are subject to the availability of appropriated funds, as mandated by the Anti-Deficiency Act (31 U.S.C. § 1341). USAG Alaska will make reasonable and good faith efforts to secure the funds necessary to promptly implement this Agreement in its entirety. If compliance with the Anti-Deficiency Act impairs or precludes the Army's ability to implement this Agreement, the USAG Alaska will consult in accordance with the amendment and termination procedures found at Stipulations VIII and X of this Agreement.

#### **XII. DURATION AND EXECUTION**

A. This Agreement 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 Agreement will expire nine (9) years after the date of the last signature to this Agreement. No extension or modification will be effective unless all signatories have agreed in writing.

B. Execution and implementation of this Agreement evidences that USAG Alaska has afforded the ACHP a reasonable opportunity to comment and that USAG Alaska has taken into account the effects on historic properties.

C. In the event that another federal agency not initially a party to or subject to this Agreement receives an application for funding/license/permit for an Undertaking described in this Agreement, that agency may fulfill its Section 106 responsibilities by stating in writing it concurs with the terms of this Agreement and notifying USAG Alaska,

SHPO, and the ACHP that it intends to do so. Such agreement shall be evidenced by execution of a signature page and filing with the ACHP, and implementation of the terms of this Agreement.

#### PROGRAMMATIC AGREEMENT AMONG THE UNITED STATES ARMY GARRISON ALASKA, THE ALASKA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE OPERATION, MAINTENANCE, AND DEVELOPMENT OF ARMY-MANAGED RESOURCES AT FORT WAINWRIGHT, FORT GREELY, ASSOCIATED TRAINING AREAS AND OTHER PROPERTIES, ALASKA

Signatory:

UNITED STATES ARMY GARRISON ALASKA

Bv: < NAT COL Commanding

MRN FC Date:

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Signatory:

ALASKA STATE HISTORIC PRESERVATION OFFICER

- 50) By: 207

JUD(TH E. BITTNER State Historic Preservation Officer

Date: Dec 16,2021

#### PROGRAMMATIC AGREEMENT AMONG THE UNITED STATES ARMY GARRISON ALASKA, THE ALASKA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE OPERATION, MAINTENANCE, AND DEVELOPMENT OF ARMY-MANAGED RESOURCES AT FORT WAINWRIGHT, FORT GREELY, ASSOCIATED TRAINING AREAS AND OTHER PROPERTIES, ALASKA

Signatory:

ADVISORY COUNCIL ON HISTORIC PRESERVATION

E. Janmulaum

JORDAN E. TANNENBAUM Vice Chairman

Date: 12/29/2021

#### **PROGRAMMATIC AGREEMENT AMONG** THE UNITED STATES ARMY GARRISON ALASKA, THE ALASKA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION **REGARDING THE OPERATION, MAINTENANCE, AND DEVELOPMENT OF ARMY-MANAGED RESOURCES AT FORT WAINWRIGHT, FORT GREELY,** ASSOCIATED TRAINING AREAS AND OTHER PROPERTIES, ALASKA

**Concurring Party:** 

NATIONAL PARK SERVICE INTERIOR REGION 11

JEFFREY MOW Digitally signed by JEFFREY MOW Date: 2021.12.16 08:57:46 -09'00' By:

JEFF MOW Acting Regional Director

Date:

#### PROGRAMMATIC AGREEMENT AMONG THE UNITED STATES ARMY GARRISON ALASKA, THE ALASKA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE OPERATION, MAINTENANCE, AND DEVELOPMENT OF ARMY-MANAGED RESOURCES AT FORT WAINWRIGHT, FORT GREELY, ASSOCIATED TRAINING AREAS AND OTHER PROPERTIES, ALASKA

**Concurring Party:** 

BUREAU OF LAND MANAGEMENT – ALASKA By: <u>Estila Feed</u> THOMAS HEINLEIN Acting State Director Date: <u>0</u>] – 12 – 2022

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Concurring Party:

FAIRBANKS NORTH STAR BOROUGH HISTORIC PRESERVATION COMMISSION

MOLLY PROUE Historic Preservation Commission Chairperson

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

#### Exhibit A: Implementation of the Streamlined Review Process and Accepted Criteria REVISED MARCH 2022

Stipulation II.D will be applied to all undertakings. If the Streamlined Review Process is applicable, the following Steps I and II will be followed and determinations will be recorded in an annual report per Stipulation VIII. This process will satisfy the installation's compliance with Section 106 of the National Historic Preservation Act (NHPA) of 1966 as implemented by 36 CFR § 800.

#### Step I.



Step II. The following streamlined undertakings have been consulted on for the purposes of an alternative compliance with NHPA Section 106 review and agreed to by signatories of this Programmatic Agreement.

# 1. External and Administrative Work, including:

a. Repair, replacement, maintenance, or hardening of retaining walls or other slope stabilization systems.

b. Repair, replacement, or maintenance of culvert systems within waterways, provided the excavation will not disturb more soil than previously disturbed.

c. Repair, replacement, maintenance, or hardening of underground utilities and above-ground utility access points within previously disturbed rights of way and under existing roads or walkways (including sewer, water, storm drains, electrical, gas, communication).

d. Repair, replacement, or maintenance of roadways, driveways, parking lots, trails, and walkways, to include paving/resurfacing of existing hardened areas (e.g., parking areas, sidewalks, sports courts, playgrounds), where the proposed work does not exceed the depth and breadth of previously disturbed soil or vegetation and any material composition is sympathetic to historic properties.

e. Repair, replacement, maintenance or installation of headbolt heaters, light posts, street signs, and power meters as necessary for public safety or to meet Army energy use mandates.

f. Repair, replacement, maintenance or installation of communication equipment such as cellular towers and related equipment.

g. Repair, replacement, maintenance, installation, or removal of temporary structures to include tents, classrooms, storage sheds, **foot bridges**, and construction equipment, provided such items are not prominent in the view shed of a historic property.

h. Repair, replacement, maintenance, installation, or removal of temporary equipment such as generators, weather monitoring equipment, airfield management equipment, and military devices provided such items are not prominent in the view shed of a historic property.

i. Repair, replacement, maintenance, installation, or removal of temporary barriers (e.g. jersey barrier, chain link fence, etc.), polyethylene sheeting, or tarps, provided such items are not prominent in the view shed of a historic property.

j. Maintenance and repair of existing landscape features, including plantings, trees, and shrubs provided that any new vegetation is a replacement in-kind of existing historic planting in regard to location and species.

k. Installation of signage, not affixed to nor within the view shed of historic properties.

I. Repair, replacement, and extension of utility **or pipe** lines in areas of previous disturbance.

m. Performance of geotechnical testing, environmental sampling, shovel tests, and other standard survey activities. *(for non-Restoration activities; Restoration see 7.g.)* 

n. Repair, replacement, maintenance, installation, or removal of play equipment and safety surfacing.

o. Issuance of administrative real property vehicles, including but not limited to new or renewing permits, leases, and right-of-ways where no new construction, footprint extension, or greater than in-kind replacement will occur.

p. Maintenance and repair; rehabilitation; renovation; mothballing; cessation or maintenance; new construction; demolition; deconstruction and salvage; remediation activities; and transfer, sale, lease, and closure of World War II and Cold War era ammunition storage facilities. (per ACHP Program Comment and included to maintain consistency of the administrative record)

q. Maintenance and repair; rehabilitation; layaway and mothballing; renovation; demolition and replacement; and transfer, sale, or lease out of Federal control of Capehart and Wherry Era Army family housing, associated structures, and landscape features. (per ACHP Program Comment and included to maintain consistency of the administrative record)

r. Maintenance and repair; rehabilitation; renovation; mothballing; cessation or maintenance; new construction; demolition; deconstruction and salvage; remediation activities; and transfer, sale, lease, and closure of Cold War era unaccompanied personnel housing (UPH). (per ACHP Program Comment and included to maintain consistency of the administrative record)

s. New construction that is located on surveyed lands (surveys where no sites were found) and outside of the boundary or viewshed of historic properties/districts.

#### 2. Roads, Roadways, Railroads, Landing Zones, and Airstrips, including:

a. Repair or replacement using in-kind materials of roads, including the number and width of lanes, shoulders, medians, curvature, grades, clearances, and side slopes.

b. Minor widening of less than ten feet beyond the existing right-of-ways.

c. Repair, replacement, maintenance, installation, or removal of traffic control devices such as traffic signs and signals, delineators, street lights, and pavement markings.

d. Repair, replacement, maintenance, installation, or removal of linear features such as fences, sidewalks, bike paths, curbs, guardrails, **and gates**.

e. Repair, replacement, maintenance, installation, or removal of railroad track, ties, safety components, and crossings.

f. Repair, replacement, maintenance, installation, or removal of airstrips or landing zones within the existing footprint.

#### 3. Building Activities – Interior Work, including:

a. Repair or replacement of any interior finish when it does not adversely affect character-defining features as defined in concurrence with the SHPO.

b. Repair, replacement, maintenance, installation, or removal of any furnishing, appliance, device, system, or system part when it does not adversely affect interior character-defining features as defined in concurrence with the SHPO.

c. Removal or installation of interior walls when it does not adversely affect interior character-defining features as defined in concurrence with the SHPO.

# 4. Buildings Activities -- Exterior Work, including:

a. Repair or in-kind replacement of porches, exterior siding, doors, stairs, or trim.

- b. Repair or in-kind replacement of roofing, awnings, soffits, or fascia boards.
- c. Application of snow guards on roof surfaces.
- d. Repair or in-kind replacement of existing signage.
- e. Repair or in-kind replacement of existing outdoor lighting fixtures.
- f. Repainting of surfaces with in-kind colors.
- g. In-kind replacement of windows.
- h. Temporary stabilization bracing or shoring.
- i. Repair, in-kind replacement, or bracing of chimneys and fireplaces.
- j. Repair or maintenance of masonry foundations, walls, or chimneys.

k. Repair, replacement, maintenance, installation, or removal of security features, such as window bars, security lighting, and emergency lighting.

# 5. Military Training and Testing, including:

- a. Dismounted maneuvers.
- b. Vehicular maneuvers and training that results in ground disturbance.
- c. Weapons qualification exercises on existing ranges.
- d. Continued use of existing training roads and trails.
- e. Testing of materiel and methods.

f. Digging of berms, foxholes, trenches, and similar by hand or mechanical means.

# g. Training lands clean-up activities.

# h. Maintenance, restoration, modification, or construction of new training features that are located on surveyed lands (with negative outcomes) and outside of the boundary or viewshed of historic properties/districts.

#### 6. Natural Resource and Training Lands Management, including:

- a. Stabilization or restoration of waterbody banks.
- b. Restoration of vegetation in previously disturbed areas.
- c. Erosion control measures and trail hardening.
- d. Excavation of soil or rock from borrow pits and quarries.
- e. Placement or removal of temporary scientific devices.

f. Placement or removal of barriers intended for traffic management such as hedgehogs, Seibert stakes, and the like.

g. Prescribed fire operations to include maintenance of firebreaks, emergency (active fire/hasty) fire breaks, maintenance and repair of earthen/erosion control structures, fire suppression activities, and prescribed burns.

h. Tree cutting, timber harvesting, fire fuels removal, and mowing.

i. Permitting for natural resources-related concerns such as stocking fish or filling wetlands.

- j. Application of bat, bird, or rodent exclusionary measures on buildings.
- k. Removal of pests or evidence of their inhabitation.

I. Replacement of trees, shrubbery, or landscaping with historically similar (in type, height, and mass).

m. Removal of sediment from water features, including rivers, creeks, lakes, ponds, and ditches.

n. Installation of pest-exclusion and capturing devices in a manner that is reversible and causes minimal damage to the historic fabric of a building.

7. Emergency and Remediation Activities, including:

a. Placement of temporary, non-destructive site barriers to provide compliance with Department of Defense Minimum Antiterrorism Standards.

b. Responses to emergency releases of hazardous substance, pollutants, and contaminants that may involve removal of contaminated soils or treatment of buildings and structures.

c. Rescue and recovery of human life in instances of natural or man-made disasters.

d. Removal of contaminated soil by mechanical means.

e. Land application of biosolids to land being remediated.

f. Minimally destructive testing of buildings and structures for hazard-containing materials, wherein any testing on historic fabric is performed in areas not readily visible.

g. Environmental restoration surveys within restoration operational units (OUs) as indicated on the map in Exhibit I or as designated by the USAG Alaska's Restoration and Compliance personnel. *(for Restoration activities; non-Restoration see 1.m.)* 

h. Destruction of ordnance or unexploded ordnance in existing open burning/open detonation units or in place.

i. Installation or removal/decommissioning of environmental monitoring units for the mitigation of hazardous materials.

j. Replacement or removal of tanks which contain or have been used for hazardous substances.

k. Activities necessary for the maintenance of the landfill.

I. Disposal of items landfilled on the installation.

# Exhibit B: Lands that are USAG Alaska-Managed Training Areas and Other Properties

(see map next page)



#### Exhibit C: District Boundaries

(see map next page)



#### Exhibit D:

# The Ladd Field National Historic Landmark (FAI-00236) and the Ladd Air Force Base Cold War Historic District (FAI-01288)

Building #	AHRS #	Description
1021	FAI-00448	Nurses Quarters
1024	FAI-00449	Radio Station
1043	FAI-00451	North Post Chapel
1043		INTERIOR – North Post Chapel
1045	FAI-00452	Bachelor Officer Quarters
1045		INTERIOR Bachelor Officer Quarters
1046	FAI-00502	Garage
1047	FAI-00453	Apartments-Officers (7 units)
1047		INTERIOR Apartments-Officers (7 units)
1048	FAI-00446	Commander's Quarters
1048		INTERIOR Commander's Quarters
1049	FAI-00454	Apartments-NCO (12 units)
1049		INTERIOR Apartments-NCO (12 units)
1051	FAI-00456	Apartments-NCO (14 units)
1541	FAI-00503	Airways & Air Communications Services
1555	FAI-00467	Hospital/Barracks (250 bed)/Theater
1557	FAI-00469	Hangar No 1
1557		INTERIOR Hangar No 1
1562	FAI-00472	Quartermasters
2077	FAI-00504	Hangars No 7 and 8
2077		INTERIOR Hangars No 7 and 8
N/A	FAI-01244	North Runway
N/A	FAI-01245	South Runway
N/A	FAI-02677	Parade Ground
N/A	FAI-01242	Utilidors

# Table 2. Contributing resources – Ladd Air Force Base Cold War Historic District(n=40)

Building #	AHRS #	Description	
1021	FAI-00448	Company Operations Annex	
1024	FAI-00449	Radio Station	
1043	FAI-00451	North Post Chapel	
1043		INTERIOR – North Post Chapel	

Building #	AHRS #	Description
1045	FAI-00452	Bachelor Officer Quarters
1045		INTERIOR Bachelor Officer Quarters
1046	FAI-00502	Garage
1047	FAI-00453	Apartments-Officers (7 units)
1047		INTERIOR Apartments-Officers (7 units)
1048	FAI-00446	Commander's Quarters
1048		INTERIOR Commander's Quarters
1049	FAI-00454	Apartments-NCO (12 units)
1049		INTERIOR Apartments-NCO (12 units)
1051	FAI-00456	Apartments-NCO (14 units)
1533	FAI-00463	Warehouse
1534	FAI-00464	Warehouse
1537	FAI-00465	Warehouse
1538	FAI-00533	Warehouse
1541	FAI-00503	Airways & Air Communications Services
1555	FAI-00467	Hospital/Barracks (250 bed)/Theater
1556	FAI-00468	Reciprocal Engine Shop
1557	FAI-00469	Hangar No 1
1557		INTERIOR Hangar No 1
1562	FAI-00472	Quartermasters
2077	FAI-00504	Hangars No 7 and 8
2077		INTERIOR Hangars No 7 and 8
2079	FAI-01259	Flight Communications Section
2080	FAI-01327	Water Supply
2104	FAI-01260	Falcon Missile Section
2107	FAI-01261	Flight Synthetic Trainer
2200	FAI-01806	Access Control Facility
2201	FAI-01230	Ordnance Storage
2202	FAI-01231	Ordnance Storage
2203	FAI-01232	Ordnance Storage
2204	FAI-01233	Ordnance Storage
2205	FAI-01234	Ordnance Storage
2206	FAI-01235	Ordnance Storage
2207	FAI-01236	Ordnance Storage
3004	FAI-01318	Fire Station
3203	FAI-00495	Ammunition Storage Igloo

#### Exhibit E:

# Buildings and Structures Addressed under Nationwide Program Comments for:

Table 1. Fort Wainwright Capehart-Wherry Era Family Housing, 1949-1962					
Building #	AHRS #	Building #	AHRS #	Building #	AHRS #
4015	FAI-01367	4145	FAI-01417	4342	FAI-01453
4016	FAI-01368	4146	FAI-01418	4343	FAI-01454
4017	FAI-01369	4147	FAI-01419	4344	FAI-01455
4018	FAI-01370	4148	FAI-01420	4345	FAI-01456
4019	FAI-01371	4149	FAI-01421	4346	FAI-01457
4020	FAI-01372	4150	FAI-01422	4347	FAI-01458
4021	FAI-01373	4151	FAI-01423	4348	FAI-01459
4022	FAI-01374	4213	FAI-01480	4350	FAI-01460
4101	FAI-01438	4216	FAI-01483	4351	FAI-01461
4102	FAI-01439	4235	FAI-01497	4352	FAI-01462
4103	FAI-01379	4236	FAI-01498	4353	FAI-01463
4118	FAI-01390	4237	FAI-01499	4366	FAI-01529
4119	FAI-01391	4238	FAI-01500	4368	FAI-01509
4120	FAI-01392	4239	FAI-01501	4369	FAI-01510
4121	FAI-01393	4240	FAI-01502	4370	FAI-01511
4122	FAI-01394	4241	FAI-01503	4371	FAI-01512
4123	FAI-01395	4242	FAI-01504	4372	FAI-01513
4124	FAI-01396	4243	FAI-01505	4373	FAI-01514
4125	FAI-01397	4244	FAI-01506	4374	FAI-01515
4126	FAI-01398	4246	FAI-01508	4375	FAI-01516
4127	FAI-01399	4328	FAI-01440	4376	FAI-01517
4128	FAI-01400	4329	FAI-01441	4377	FAI-01518
4131	FAI-01403	4330	FAI-01442	4378	FAI-01519
4132	FAI-01404	4331	FAI-01443	4379	FAI-01520
4135	FAI-01407	4332	FAI-01444	4380	FAI-01521
4136	FAI-01408	4333	FAI-01445	4381	FAI-01522
4137	FAI-01409	4334	FAI-01446	4382	FAI-01523
4138	FAI-01410	4336	FAI-01447	4383	FAI-01524
4140	FAI-01412	4337	FAI-01448	4384	FAI-01525
4141	FAI-01413	4338	FAI-01449	4385	FAI-01526
4142	FAI-01414	4339	FAI-01450	4386	FAI-01527
4143	FAI-01415	4340	FAI-01451	4387	FAI-01528
4144	FAI-01416	4341	FAI-01452		

 Table 1. Fort Wainwright -- Capehart-Wherry Era Family Housing, 1949-1962

	949-1902				
Building #	AHRS #	Building #	AHRS #	Building #	AHRS #
850	XMH-00754	852	XMH-00756	855	XMH-00759
851	XMH-00755	854	XMH-00758	856	XMH-00760

# Table 2. Fort Greely -- Capehart-Wherry Era Family Housing, 1949-1962

# Table 3. Fort Wainwright -- Unaccompanied Personnel Housing, 1946-1974

Building #	AHRS #	Building #	AHRS #	Building #	AHRS #
1001	FAI-01248	3450	FAI-01853	3719	FAI-01274
1004	FAI-01249	3706	FAI-01265	3720	FAI-01275
3401	FAI-01832	3708	FAI-01267	3722	FAI-01277
3407	FAI-01772	3711	FAI-01268	4054	FAI-01285
3440	n/a	3712	FAI-01269	4055	FAI-01286
3442	FAI-01835	3713	FAI-01270	4056	FAI-01287
3444	FAI-01836	3716	FAI-01271	4062	FAI-01256
3446	FAI-01837	3717	FAI-01272	4063	FAI-01262
3448	FAI-01838	3718	FAI-01273	4064	FAI-01281

# Table 4. Fort Greely -- Unaccompanied Personnel Housing, 1946-1974

Building #	AHRS #	Building #	AHRS #	Building #	AHRS #
660	XMH-00706	805	XMH-00728	822	XMH-00741
661	XMH-00707	806	XMH-00729		
804	XMH-00727	820	XMH-00739		

# Table 5. Fort Wainwright -- Ammunition Storage Facilities, 1939-1974

Building #	AHRS #	Building #	AHRS #	Building #	AHRS #
1910	n/a	1922	n/a	1934	n/a
1911	n/a	1923	n/a	1935	n/a
1912	n/a	1924	n/a	1936	n/a
1913	n/a	1925	n/a	1937	n/a
1914	n/a	1926	n/a	2201	FAI-01230
1915	n/a	1927	n/a	2202	FAI-01231
1916	n/a	1928	n/a	2203	FAI-01232
1917	n/a	1929	n/a	2204	FAI-01233
1918	n/a	1930	n/a	2205	FAI-01234
1919	n/a	1931	n/a	2206	FAI-01235
1920	n/a	1932	n/a	2207	FAI-01236
1921	n/a	1933	n/a	1311	XBD-00385

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Building #	AHRS #	Building #	AHRS #	Building #	AHRS #
1201	XMH-00817	1204	XMH-00820	1207	XMH-00823
1202	XMH-00818	1205	XMH-00821	1208	XMH-00824
1203	XMH-00819	1206	XMH-00822	1209	XMH-00825

Table 6. Fort Greely -- Ammunition Storage Facilities, 1939-1974

# Exhibit F: Lands that are Previously Disturbed Areas

(see map next page)




### Exhibit G: Archaeological Resources Eligible for Inclusion in the National Register of Historic Places (or Not Yet Determined)

Table 1. Fort Wainwright (n=598)						
AHRS #	DOE	AHRS #	DOE	AHRS #	DOE	
FAI-00040	eligible	XBD-00450	not evaluated	XMH-01109	eligible	
FAI-00052	eligible	XBD-00451	not evaluated	XMH-01110	eligible	
FAI-00044	eligible	XBD-00452	not evaluated	XMH-01111	not evaluated	
FAI-00046	eligible	XBD-00454	not evaluated	XMH-01114	not evaluated	
FAI-00047	not evaluated	XMH-00001	not evaluated	XMH-01115	eligible	
FAI-00050	not evaluated	XMH-00005	eligible	XMH-01116	eligible	
FAI-00054	eligible	XMH-00006	eligible	XMH-01118	not evaluated	
FAI-00055	not evaluated	XMH-00007	eligible	XMH-01119	not evaluated	
FAI-00059	not evaluated	XMH-00008	eligible	XMH-01120	not evaluated	
FAI-00060	not evaluated	XMH-00009	eligible	XMH-01121	not evaluated	
FAI-00086	not evaluated	XMH-00010	eligible	XMH-01122	not evaluated	
FAI-00087	not evaluated	XMH-00011	eligible	XMH-01123	not evaluated	
FAI-00088	not evaluated	XMH-00012	not evaluated	XMH-01124	not evaluated	
FAI-00161	not evaluated	XMH-00016	not evaluated	XMH-01125	not evaluated	
FAI-00170	not evaluated	XMH-00019	eligible	XMH-01126	not evaluated	
FAI-00171	not evaluated	XMH-00020	eligible	XMH-01128	not evaluated	
FAI-00172	not evaluated	XMH-00023	not evaluated	XMH-01129	not evaluated	
FAI-00173	not evaluated	XMH-00226	not evaluated	XMH-01130	not evaluated	
FAI-00174	not evaluated	XMH-00232	not evaluated	XMH-01131	not evaluated	
FAI-00175	not evaluated	XMH-00233	not evaluated	XMH-01133	not evaluated	
FAI-00176	not evaluated	XMH-00234	not evaluated	XMH-01134	not evaluated	
FAI-00177	not evaluated	XMH-00235	not evaluated	XMH-01135	not evaluated	
FAI-00178	not evaluated	XMH-00236	not evaluated	XMH-01136	not evaluated	
FAI-00179	not evaluated	XMH-00237	not evaluated	XMH-01137	not evaluated	
FAI-00180	not evaluated	XMH-00238	not evaluated	XMH-01138	not evaluated	
FAI-00181	not evaluated	XMH-00265	eligible	XMH-01139	not evaluated	
FAI-00182	not evaluated	XMH-00266	eligible	XMH-01140	not evaluated	
FAI-00183	not evaluated	XMH-00267	not evaluated	XMH-01141	not evaluated	
FAI-00184	not evaluated	XMH-00268	not evaluated	XMH-01143	not evaluated	
FAI-00185	not evaluated	XMH-00269	not evaluated	XMH-01144	not evaluated	
FAI-00186	not evaluated	XMH-00270	not evaluated	XMH-01145	eligible	
FAI-00187	not evaluated	XMH-00272	not evaluated	XMH-01146	eligible	
FAI-00188	not evaluated	XMH-00274	not evaluated	XMH-01147	not evaluated	

#### Table 1. Fort Wainwright (n=598)

FAI-00189	not evaluated	XMH-00277	eligible	XMH-01148	not evaluated
FAI-00109	not evaluated	XMH-00277	not evaluated	XMH-01149	not evaluated
FAI-00190	not evaluated	XMH-00279		XMH-01150	not evaluated
			eligible	XMH-01150	-
FAI-00192	not evaluated	XMH-00281	not evaluated		not evaluated
FAI-00193	not evaluated	XMH-00282	eligible	XMH-01152	not evaluated
FAI-00194	eligible	XMH-00283	not evaluated	XMH-01153	not evaluated
FAI-00195	eligible	XMH-00284	eligible	XMH-01154	not evaluated
FAI-00196	eligible	XMH-00285	not evaluated	XMH-01155	not evaluated
FAI-00197	eligible	XMH-00286	not evaluated	XMH-01156	not evaluated
FAI-00198	eligible	XMH-00292	eligible	XMH-01157	not evaluated
FAI-01356	not evaluated	XMH-00294	eligible	XMH-01158	not evaluated
FAI-01357	not evaluated	XMH-00295	eligible	XMH-01159	not evaluated
FAI-01556	not evaluated	XMH-00296	not evaluated	XMH-01162	not evaluated
FAI-01885	not evaluated	XMH-00297	eligible	XMH-01163	not evaluated
FAI-01886	not evaluated	XMH-00298	not evaluated	XMH-01169	not evaluated
FAI-01887	not evaluated	XMH-00299	not evaluated	XMH-01170	not evaluated
FAI-01888	not evaluated	XMH-00300	not evaluated	XMH-01175	not evaluated
FAI-01889	eligible	XMH-00301	not evaluated	XMH-01176	not evaluated
FAI-01998	not evaluated	XMH-00302	not evaluated	XMH-01194	not evaluated
FAI-02001	not evaluated	XMH-00303	not evaluated	XMH-01195	not evaluated
FAI-02002	not evaluated	XMH-00304	not evaluated	XMH-01196	not evaluated
FAI-02003	not evaluated	XMH-00305	not evaluated	XMH-01197	not evaluated
FAI-02004	not evaluated	XMH-00306	not evaluated	XMH-01198	not evaluated
FAI-02005	not evaluated	XMH-00307	not evaluated	XMH-01199	not evaluated
FAI-02006	not evaluated	XMH-00309	not evaluated	XMH-01200	not evaluated
FAI-02007	not evaluated	XMH-00310	not evaluated	XMH-01201	not evaluated
FAI-02008	not evaluated	XMH-00311	not evaluated	XMH-01202	not evaluated
FAI-02009	not evaluated	XMH-00313	not evaluated	XMH-01203	not evaluated
FAI-02010	not evaluated	XMH-00314	not evaluated	XMH-01204	not evaluated
FAI-02011	not evaluated	XMH-00323	not evaluated	XMH-01206	not evaluated
FAI-02012	not evaluated	XMH-00829	not evaluated	XMH-01207	not evaluated
FAI-02013	not evaluated	XMH-00830	not evaluated	XMH-01208	not evaluated
FAI-02014	not evaluated	XMH-00831	not evaluated	XMH-01209	not evaluated
FAI-02016	not evaluated	XMH-00832	not evaluated	XMH-01210	not evaluated
FAI-02018	not evaluated	XMH-00833	not evaluated	XMH-01211	not evaluated
FAI-02019	not evaluated	XMH-00834	not evaluated	XMH-01213	not evaluated
FAI-02020	not evaluated	XMH-00835	not evaluated	XMH-01214	not evaluated
FAI-02021	not evaluated	XMH-00836	not evaluated	XMH-01215	not evaluated

EAL 00000					
FAI-02022	not evaluated	XMH-00837	not evaluated	XMH-01216	not evaluated
FAI-02023	not evaluated	XMH-00838	eligible	XMH-01217	not evaluated
FAI-02024	not evaluated	XMH-00839	not evaluated	XMH-01218	not evaluated
FAI-02025	not evaluated	XMH-00840	not evaluated	XMH-01219	not evaluated
FAI-02026	not evaluated	XMH-00841	not evaluated	XMH-01220	not evaluated
FAI-02027	not evaluated	XMH-00843	not evaluated	XMH-01221	not evaluated
FAI-02028	not evaluated	XMH-00874	eligible	XMH-01222	not evaluated
FAI-02029	not evaluated	XMH-00878	eligible	XMH-01237	not evaluated
FAI-02030	not evaluated	XMH-00881	eligible	XMH-01278	not evaluated
FAI-02031	not evaluated	XMH-00887	eligible	XMH-01279	not evaluated
FAI-02032	not evaluated	XMH-00890	eligible	XMH-01280	not evaluated
FAI-02033	not evaluated	XMH-00891	eligible	XMH-01281	not evaluated
FAI-02043	eligible	XMH-00894	not evaluated	XMH-01282	not evaluated
FAI-02044	not evaluated	XMH-00895	eligible	XMH-01283	not evaluated
FAI-02045	not evaluated	XMH-00896	not evaluated	XMH-01285	not evaluated
FAI-02046	not evaluated	XMH-00897	not evaluated	XMH-01286	not evaluated
FAI-02047	eligible	XMH-00899	not evaluated	XMH-01287	not evaluated
FAI-02048	not evaluated	XMH-00900	not evaluated	XMH-01288	not evaluated
FAI-02049	not evaluated	XMH-00901	not evaluated	XMH-01289	not evaluated
FAI-02050	not evaluated	XMH-00902	not evaluated	XMH-01290	not evaluated
FAI-02051	not evaluated	XMH-00903	not evaluated	XMH-01291	not evaluated
FAI-02052	not evaluated	XMH-00904	eligible	XMH-01292	not evaluated
FAI-02053	not evaluated	XMH-00905	not evaluated	XMH-01293	not evaluated
FAI-02054	not evaluated	XMH-00906	not evaluated	XMH-01294	not evaluated
FAI-02055	not evaluated	XMH-00907	not evaluated	XMH-01295	not evaluated
FAI-02056	not evaluated	XMH-00909	not evaluated	XMH-01296	not evaluated
FAI-02057	not evaluated	XMH-00910	not evaluated	XMH-01297	not evaluated
FAI-02058	not evaluated	XMH-00913	not evaluated	XMH-01298	not evaluated
FAI-02059	not evaluated	XMH-00914	not evaluated	XMH-01299	not evaluated
FAI-02060	eligible	XMH-00915	not evaluated	XMH-01300	not evaluated
FAI-02061	not evaluated	XMH-00917	not evaluated	XMH-01301	not evaluated
FAI-02062	not evaluated	XMH-00919	eligible	XMH-01302	not evaluated
FAI-02063	eligible	XMH-00920	eligible	XMH-01303	eligible
FAI-02064	eligible	XMH-00921	not evaluated	XMH-01332	not evaluated
FAI-02065	not evaluated	XMH-00923	eligible	XMH-01333	not evaluated
FAI-02066	not evaluated	XMH-00924	not evaluated	XMH-01334	not evaluated
FAI-02067	not evaluated	XMH-00925	not evaluated	XMH-01335	not evaluated
FAI-02068	not evaluated	XMH-00926	not evaluated	XMH-01336	not evaluated

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FAI-02069	not evaluated	XMH-00927	not evaluated	XMH-01356	eligible
FAI-02070	not evaluated	XMH-00928	not evaluated	XMH-01357	eligible
FAI-02071	not evaluated	XMH-00929	not evaluated	XMH-01358	not evaluated
FAI-02072	not evaluated	XMH-00930	eligible	XMH-01359	not evaluated
FAI-02073	eligible	XMH-00931	eligible	XMH-01360	not evaluated
FAI-02074	not evaluated	XMH-00932	not evaluated	XMH-01361	not evaluated
FAI-02075	not evaluated	XMH-00933	eligible	XMH-01362	not evaluated
FAI-02076	not evaluated	XMH-00934	not evaluated	XMH-01363	not evaluated
FAI-02077	eligible	XMH-00939	not evaluated	XMH-01364	not evaluated
FAI-02078	not evaluated	XMH-00940	not evaluated	XMH-01365	not evaluated
FAI-02079	not evaluated	XMH-00941	not evaluated	XMH-01366	not evaluated
FAI-02080	not evaluated	XMH-00942	not evaluated	XMH-01367	not evaluated
FAI-02081	not evaluated	XMH-00944	not evaluated	XMH-01368	not evaluated
FAI-02082	not evaluated	XMH-00945	eligible	XMH-01369	not evaluated
FAI-02083	not evaluated	XMH-00947	not evaluated	XMH-01370	not evaluated
FAI-02084	not evaluated	XMH-00948	not evaluated	XMH-01371	not evaluated
FAI-02085	not evaluated	XMH-00949	not evaluated	XMH-01372	not evaluated
FAI-02086	not evaluated	XMH-00950	not evaluated	XMH-01373	not evaluated
FAI-02087	not evaluated	XMH-00951	not evaluated	XMH-01374	not evaluated
FAI-02088	not evaluated	XMH-00953	eligible	XMH-01375	not evaluated
FAI-02089	not evaluated	XMH-00955	not evaluated	XMH-01376	not evaluated
FAI-02090	not evaluated	XMH-00956	not evaluated	XMH-01377	not evaluated
FAI-02091	not evaluated	XMH-00957	not evaluated	XMH-01378	not evaluated
FAI-02092	not evaluated	XMH-00958	not evaluated	XMH-01379	not evaluated
FAI-02093	not evaluated	XMH-00959	not evaluated	XMH-01380	not evaluated
FAI-02094	not evaluated	XMH-00960	not evaluated	XMH-01381	not evaluated
FAI-02095	not evaluated	XMH-00961	not evaluated	XMH-01382	not evaluated
FAI-02097	not evaluated	XMH-00962	not evaluated	XMH-01383	not evaluated
FAI-02199	not evaluated	XMH-00963	not evaluated	XMH-01384	not evaluated
FAI-02234	not evaluated	XMH-00964	not evaluated	XMH-01414	eligible
FAI-02235	not evaluated	XMH-00966	not evaluated	XMH-01434	not evaluated
FAI-02236	not evaluated	XMH-00967	not evaluated	XMH-01435	not evaluated
FAI-02237	not evaluated	XMH-00968	not evaluated	XMH-01436	not evaluated
FAI-02238	not evaluated	XMH-00969	not evaluated	XMH-01437	not evaluated
FAI-02239	not evaluated	XMH-00971	not evaluated	XMH-01438	not evaluated
FAI-02240	not evaluated	XMH-00973	not evaluated	XMH-01439	not evaluated
FAI-02241	not evaluated	XMH-00975	not evaluated	XMH-01440	not evaluated
FAI-02242	not evaluated	XMH-00976	not evaluated	XMH-01441	eligible

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FAI-02243	not evaluated	XMH-00977	not evaluated	XMH-01442	not evaluated
FAI-02244	not evaluated	XMH-00978	not evaluated	XMH-01443	not evaluated
FAI-02245	not evaluated	XMH-00979	not evaluated	XMH-01445	not evaluated
FAI-02246	not evaluated	XMH-00980	not evaluated	XMH-01446	not evaluated
FAI-02247	not evaluated	XMH-00992	not evaluated	XMH-01447	not evaluated
FAI-02248	not evaluated	XMH-00993	not evaluated	XMH-01449	not evaluated
FAI-02250	not evaluated	XMH-00994	not evaluated	XMH-01450	eligible
FAI-02319	not evaluated	XMH-00995	not evaluated	XMH-01451	not evaluated
FAI-02320	not evaluated	XMH-00996	not evaluated	XMH-01452	not evaluated
FAI-02321	not evaluated	XMH-00997	not evaluated	XMH-01453	not evaluated
FAI-02322	not evaluated	XMH-00998	not evaluated	XMH-01454	not evaluated
FAI-02361	not evaluated	XMH-00999	not evaluated	XMH-01455	not evaluated
FAI-02391	not evaluated	XMH-01051	not evaluated	XMH-01456	not evaluated
FAI-02392	not evaluated	XMH-01052	not evaluated	XMH-01458	not evaluated
FAI-02393	not evaluated	XMH-01053	not evaluated	XMH-01459	not evaluated
FAI-02394	not evaluated	XMH-01054	not evaluated	XMH-01460	not evaluated
FAI-02743	not evaluated	XMH-01055	not evaluated	XMH-01491	not evaluated
HEA-00685	not evaluated	XMH-01056	not evaluated	XMH-01493	not evaluated
TNX-00007	eligible	XMH-01057	not evaluated	XMH-01503	not evaluated
TNX-00008	not evaluated	XMH-01058	not evaluated	XMH-01504	not evaluated
TNX-00010	eligible	XMH-01061	eligible	XMH-01505	not evaluated
TNX-00231	not evaluated	XMH-01062	not evaluated	XMH-01506	not evaluated
TNX-00232	not evaluated	XMH-01067	not evaluated	XMH-01507	not evaluated
TNX-00233	not evaluated	XMH-01068	not evaluated	XMH-01508	not evaluated
TNX-00234	not evaluated	XMH-01069	not evaluated	XMH-01509	not evaluated
TNX-00235	not evaluated	XMH-01070	not evaluated	XMH-01511	not evaluated
TNX-00236	not evaluated	XMH-01071	not evaluated	XMH-01512	not evaluated
TNX-00256	not evaluated	XMH-01074	not evaluated	XMH-01524	not evaluated
XBD-00033	not evaluated	XMH-01075	not evaluated	XMH-01525	not evaluated
XBD-00106	eligible	XMH-01076	not evaluated	XMH-01526	not evaluated
XBD-00108	not evaluated	XMH-01077	not evaluated	XMH-01527	not evaluated
XBD-00109	not evaluated	XMH-01078	not evaluated	XMH-01532	not evaluated
XBD-00110	eligible	XMH-01084	not evaluated	XMH-01533	not evaluated
XBD-00187	not evaluated	XMH-01085	not evaluated	XMH-01535	not evaluated
XBD-00188	not evaluated	XMH-01086	not evaluated	XMH-01536	not evaluated
XBD-00189	not evaluated	XMH-01087	not evaluated	XMH-01537	not evaluated
XBD-00271	not evaluated	XMH-01088	not evaluated	XMH-01538	not evaluated
XBD-00272	not evaluated	XMH-01089	not evaluated	XMH-01539	not evaluated

XBD-00273	not evaluated	XMH-01090	not evaluated	XMH-01544	not evaluated
XBD-00311	not evaluated	XMH-01091	not evaluated	XMH-01545	not evaluated
XBD-00330	not evaluated	XMH-01092	eligible	XMH-01546	not evaluated
XBD-00333	not evaluated	XMH-01093	eligible	XMH-01547	not evaluated
XBD-00335	eligible	XMH-01095	not evaluated	XMH-01548	not evaluated
XBD-00364	not evaluated	XMH-01096	not evaluated	XMH-01549	not evaluated
XBD-00368	not evaluated	XMH-01097	not evaluated	XMH-01550	not evaluated
XBD-00370	not evaluated	XMH-01098	not evaluated	XMH-01551	not evaluated
XBD-00425	not evaluated	XMH-01099	not evaluated	XMH-01554	not evaluated
XBD-00426	not evaluated	XMH-01100	not evaluated	XMH-01555	not evaluated
XBD-00427	not evaluated	XMH-01104	not evaluated	XMH-01567	not evaluated
XBD-00428	not evaluated	XMH-01105	not evaluated	XMH-01584	not evaluated
XBD-00429	not evaluated	XMH-01106	not evaluated	XMH-01585	not evaluated
XBD-00430	not evaluated	XMH-01107	eligible		
XBD-00431	not evaluated	XMH-01108	not evaluated		

# Table 2. Fort Greely (n=7)

AHRS #	DOE	AHRS #	DOE	AHRS #	DOE
XMH-00280	eligible	XMH-01224	eligible	XMH-01227	eligible
XMH-00871	eligible	XMH-01225	eligible		
XMH-01168	eligible	XMH-01226	eligible		

## Exhibit H: Lands Surveyed for Archaeological Resources

(see map next page)



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### Exhibit I: Lands with Environmental Restoration Sites

(see map next page)



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### Exhibit J: References

Antiquities Act (54 USC § 3203), 8 June 1906

Archaeological Resources Protection Act (16 USC § 470), 31 October 1979

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