

**DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM<sup>1</sup>**  
**U.S. Army Corps of Engineers**

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

**SECTION I: BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):** August 23, 2019.

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER:** POA-2018-00402

**C. PROJECT LOCATION AND BACKGROUND INFORMATION:**

State: Alaska County/parish/borough: FNSB City: Fairbanks  
Center coordinates of site (lat/long in degree decimal format): Lat. 64.9075°, Long. -147.8840°  
Universal Transverse Mercator: 06W 458171 7198437

Name of nearest waterbody: Un-named trib to Goldstream Creek

Name of watershed or Hydrologic Unit Code (HUC): 19080306 Chena River (HUC 8)

- Check if map/diagram of review area is available upon request.  
 Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

**D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

- Office (Desk) Determination. Date:  
 Field Determination. Date(s): August 12, 2019

**SECTION II: SUMMARY OF FINDINGS**

**A. RHA SECTION 10 DETERMINATION OF JURISDICTION.**

There are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area.

**B. CWA SECTION 404 DETERMINATION OF JURISDICTION.**

There are no "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area.

**SECTION III: DATA SOURCES.**

**A. SUPPORTING DATA.** Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Click here to enter text.  
 Data sheets prepared/submitted by or on behalf of the applicant/consultant.  
 Office concurs with data sheets/delineation report.  
 Office does not concur with data sheets/delineation report.  
 Data sheets prepared by the Corps: Jurisdictional determination performed August 12, 2019  
 U.S. Geological Survey Hydrologic Atlas: National Hydrologic Dataset (accessed online 2018)  
 USGS NHD data. (accessed online 2018)  
 USGS 8 and 12 digit HUC maps.  
 U.S. Geological Survey map(s). Cite scale & quad name: Fairbanks D-2, 1:63,360 (USGS1954, minor revisions 1972, 1974 and 1994)  
 USDA Natural Resources Conservation Service Soil Survey. Citation: Greater Fairbanks Area (2004, revisions 2009)  
 National wetlands inventory map(s). Cite name: 19080306 Chena River (HUC 8) map (accsd online USFWS 2018)  
 State/Local wetland inventory map(s):  
 FEMA/FIRM maps: FIRM panel 02090C3370J (FEMA accessed online 2019, published 2014)  
 100-year Floodplain Elevation is: Click here to enter text. (National Geodetic Vertical Datum of 1929)  
 Photographs:  Aerial (Name & Date): Pictometry\_2012\_9in\_Fairbanks.sid, Digital Globe imagery multiple months 2017-2019  
 or  Other (Name & Date): (DGGs accessed online 08-2019)  
 Previous determination(s). File no. and date of response letter:  
 Applicable/supporting case law:  
 Applicable/supporting scientific literature:  
 Other information (please specify):

**B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:** This property is on an elevation grading lower toward the west and south. Onsite potential wetland hydrology, and therefore potential hydric soils, are directly related to permafrost and groundwater at this location. Elevation dictates proximity to the water table which is evident in the adjacent stream and pond to the west and north. Permafrost appears to be deeper than 72 inches according to the soil survey (Minto series matches this location). Three parameters were documented at a delineation point at the highest elevation where vegetation would have passed the hydrophitic test. Soils were saturated at 7 inches, but due to the lack of hydric soil indicators this was likely due to prolonged heavy rain within the last several weeks and not to prolonged endosaturation. The wetland boundary at this site is lower in elevation, likely corresponding with the toe of the slope to the west.

<sup>1</sup> This form is for use only in recording approved JDs involving dry land. It extracts the relevant elements of the longer approved JD form in use since 2007 for aquatic areas and adds no new fields.

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Amy Tippery  
Regulatory Specialist  
NORTH Section

August 22, 2019  
Date