

DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM¹
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): September 22, 2021

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2021-00405, 3630 Laurance Road, Chena Road

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: FNSB City: North Pole
Center coordinates of site (lat/long in degree decimal format): Lat. 64.734 °, Long. -147.274 °
Name of nearest waterbody: Chena River
Name of watershed or Hydrologic Unit Code (HUC): HUC12 Chena Slough

- 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: September 22, 2021
 Field Determination. Date(s):

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: Request packet dated August 5, 2021
 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:
 U.S. Geological Survey Hydrologic Atlas: HUC12 Chena Slough
 USGS NHD data.
 USGS 8 and 12 digit HUC maps.
 U.S. Geological Survey map(s). Cite scale & quad name: Fairbanks C-1
 USDA Natural Resources Conservation Service Soil Survey. Citation: NRCS Custom Soils Report dated September 2021
 National wetlands inventory map(s). Cite name: USFWS accsd September 2021
 State/Local wetland inventory map(s):
 FEMA/FIRM maps:
 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
 Photographs: Aerial (Name & Date): Google Earth dated September 2020
 or Other (Name & Date): provided by applicant dated August 2021
 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:

Ground photographs provided by the applicant and Google Earth imagery indicate that the site has been largely developed and cleared of any overstory vegetation. Uncleared portions of the site appear to contain 60% cover from the tree/sapling stratum, and 90% cover of grass and shrubs

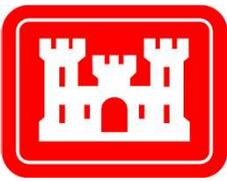
¹ This form is for use only in recording approved JDs involving dry land. It extracts the relevant elements of the longer approved JD form in use since 2007 for aquatic areas and adds no new fields.

throughout the ground layer. Ground imagery shows that present species within this area include predominantly white spruce (*Picea glauca* - FACU), with subdominant Alaska paper birch (*Betula neoalaskana* - FACU), quaking aspen (*Populus tremuloides* - FACU), and understory shrubs such as prickly rose (*Rosa acicularis* - FACU), cranberry (*Vaccinium vitis-idaea* - FAC) and swamp birch (*Betula nana* - FAC).

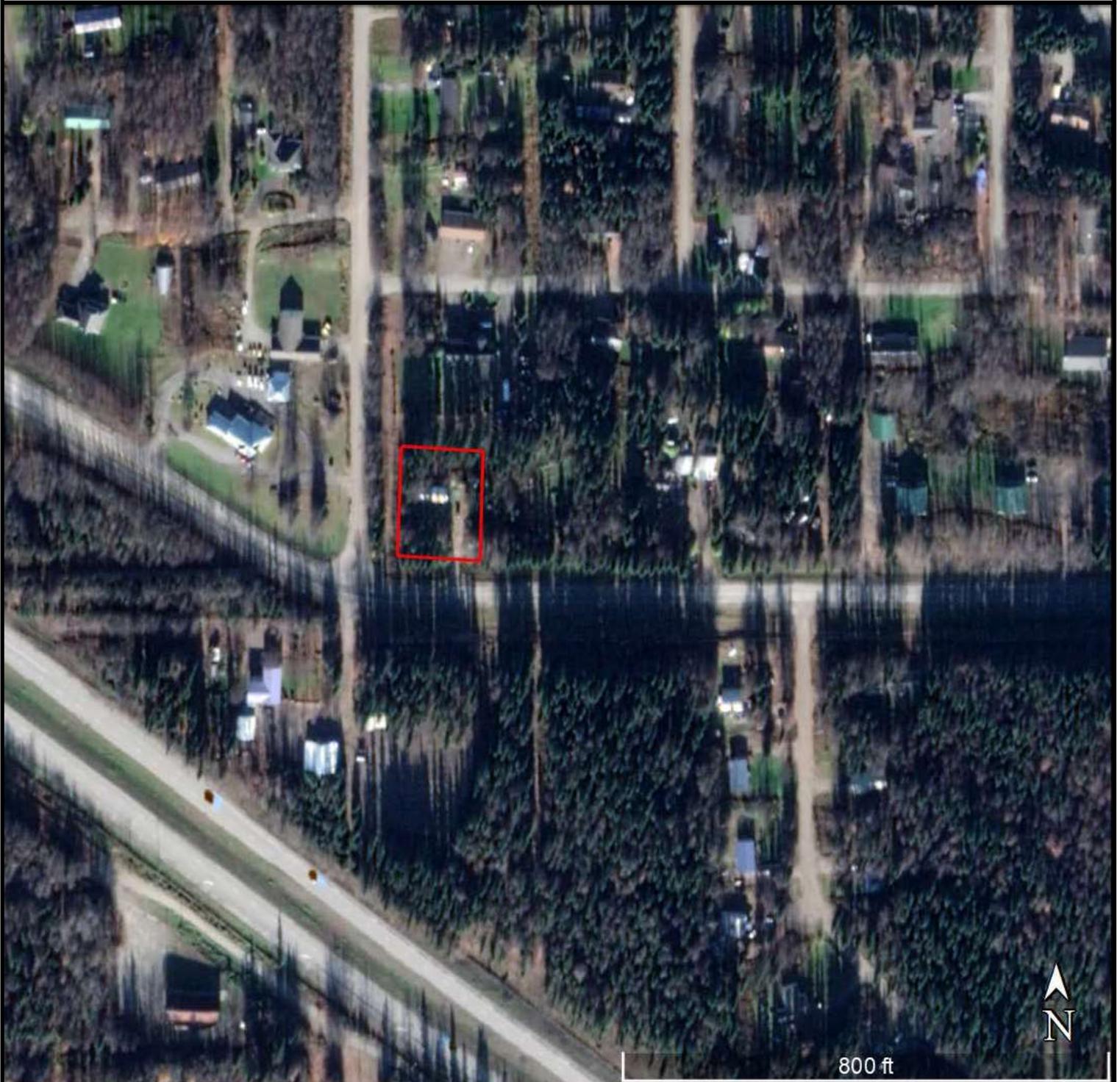
The NRCS Custom Soils report for the project area indicates that the soil unit comprising a majority of the site is Jarvis-Salchaket complex with 0 to 2 percent slopes. These soils typically contain upper layers of moderately decomposed plant material, followed by very fine sandy loam, and very gravelly sand, with no indicators of permafrost. This well drained complex has a water table depth of 0-12 inches, and the major component does not have a hydric soil rating.

The average annual precipitation near North Pole ranges from about 10 to 14 inches. The freeze-free period averages about 80 to 120 days. The NHD, USGS Quad maps and the NWI show the Chena Slough running 0.35 mile southwest of the project site. No inundation is visible on either ground photographs or aerial imagery within the property (mapped as uplands on the USACE delineation map). Although a large wetland complex spans the area between the Chena River and portions of the Chena Slough, this complex does not abut the site. The soils in this area are marked as having a depth to water table of 0-12 inches in the USDA soils report.

Based on the information made available to this office, it is concluded that the 0.55 acre site is comprised entirely of uplands. DA authorization would not be required prior to the placement of dredged and/or fill material within portions of the site.



POA-2021-00405 Delineation Map



Legend:

 Site Boundary (0.55 acre - uplands)

USACE Regulatory Division
Alaska District, Fairbanks Field Office
Author: Ashley Kraetsch
Image Source: Google Earth (2020)
Date Created: 09/20/2021
Date Modified:
Sheet 1 of 1

