

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 12, 2019

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Alaska District, POA-2019-00527

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: [Click here to enter text.](#) City: Circle

Center coordinates of site (lat/long in degree decimal format): Lat. 65.7907 °N, Long. -144.0828 °W

Universal Transverse Mercator: [Click here to enter text.](#)

Name of nearest waterbody: Sixmile Creek

Name of watershed or Hydrologic Unit Code (HUC): 19070504

- 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 12, 2019

Field Determination. Date(s): [Click here to enter a date.](#)

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: Lat/Long, Site photos, & NEPAssist
- 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: [Click here to enter text.](#)
- U.S. Geological Survey Hydrologic Atlas: [Click here to enter text.](#)
- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: Circle D-1 1:25000
- USDA Natural Resources Conservation Service Soil Survey. Citation: 1979 Exploratory Survey of Alaska
- National wetlands inventory map(s). Cite name: USFWS Wetland Inventory Mapper (accessed 12 September 2019)
- State/Local wetland inventory map(s): [Click here to enter text.](#)
- FEMA/FIRM maps: [Click here to enter text.](#)
- 100-year Floodplain Elevation is: [Click here to enter text.](#) (National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): : Digital Globe 2017 Imagery (accessed 12 September 2019); Google Earth Pro 2019 Imagery (accessed 12 September 2019)
- or Other (Name & Date): Applicant provided photos August 5, 2019
- Previous determination(s). File no. and date of response letter: [Click here to enter text.](#)
- Applicable/supporting case law: [Click here to enter text.](#)
- Applicable/supporting scientific literature: [Click here to enter text.](#)
- Other information (please specify): Brabets, Timothy. Wang, Bronwen. Meade, Robert. "Environmental and Hydrologic Overview of the Yukon River Basin, Alaska and Canada." 2000. PDF file.

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: Aerial imagery suggests that vegetation on this property consists of mostly paper birch, white spruce and black spruce. Paper birch and white spruce are categorized as facultative upland species while black spruce being categorized as a facultative wetland species. Although black spruce commonly occurs in poorly drained soils, they can also occupy more well-drained soils. Pergelic Cryochrepts are found in this area and most likely correlate to this piece of property considering the type of vegetation being supported as well as the elevation and position on the landscape. Pergelic Cryochrepts have very deep permafrost tables, temperatures below freezing for most

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.

of the year, soils are gravelly, and are considered non-hydric due to being very well-drained. This property lies a gently sloping hillside within the Yukon River floodplain and just north of Sixmile Creek, a tributary of the Yukon River.

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Lindsey McCord
Regulatory Specialist
NORTH Section

Date