

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): May 16, 2018

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2018-00152 Cripple Creek

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Fairbanks North Star Borough City: Fairbanks
Center coordinates of site (lat/long in degree decimal format): Lat. 64.787781° N, Long. -148.066496° W.;
Universal Transverse Mercator: 06W 449311 7185230

Name of nearest waterbody: Cripple Creek
Name of watershed or Hydrologic Unit Code (HUC): 19080307

- 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: May 15, 2018
 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:
 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: NHD Flowline, Line and Waterbody layers (accessed online 11/2017)
 USGS NHD data. (accessed online
 USGS 8 and 12 digit HUC maps. HU 19080307
 U.S. Geological Survey map(s). Cite scale & quad name: Fairbanks D-3, 1:63,330 (1954, minor revisions 1973, 1974, 1994)
 USDA Natural Resources Conservation Service Soil Survey. Citation: Soil Survey of the Greater Fairbanks Area (9/2017)
 National wetlands inventory map(s). Cite name: downloaded from USFW online database (accessed 11/2017)
 State/Local wetland inventory map(s):
 FEMA/FIRM maps: downloaded from FEMA online database (accessed 12/2017)
 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
 Photographs: Aerial (Name & Date): Pictometry_2012_1meter_Mosaic_Partial.ecw (FNSB 2012), AHAP_1978_1979_ColorInfrared_Mosaic.tif (FNSB digitized and accessed 04/2018)
 or Other (Name & Date):
 Previous determination(s). File no. and date of response letter:
 Applicable/supporting case law:
 Applicable/supporting scientific literature:
 Other information (please specify): Fairbanks North Star Borough elevation map (2 and 10 foot contour lines, 2012), Hillshade_2010_LiDAR_DEM.img (FNSB 2010), Department of Natural Resources Forest Cover Map (2011), Alaska Department of Fish and Game Interior Anadromous Stream Catalog (2017).

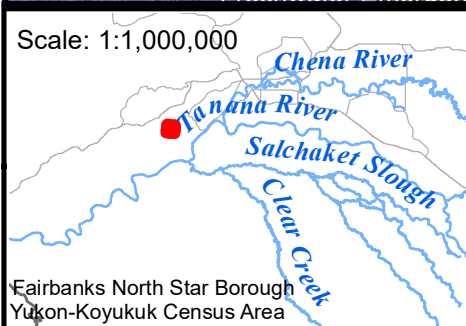
B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:

This property is on a well-drained, south facing slope above Cripple Creek. The NRCS reports the soil complex as Fairbanks silt loam, 12 to 20 percent slopes which is categorized as hon-hydric, well drained with a depth to restrictive layer of more than 80 inches. It is comprised of aeolian

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.

silt loam, and is not prone to flooding or ponding. It is outside of FEMA flood zones and exhibits upland vegetation in the form of Aspen and Birch forests as seen from aerial imagery and confirmed with DNR forest cover surveys.

POA-2018-152 United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI)



USACE Regulatory, Alaska District
Fairbanks Field Office (907) 474-2166
Contact: amy.c.tipperty@usace.army.mil
Date: 5/15/2018 Citation: NWI (2017)
Projection: NAD 1983 Scale: 1:6,000
Imagery: Hillshade2010LiDARDEM.img

Legend

- Project Area
- PEM1/SS1Cb
- PFO4/SS1B
- PSS4/1B
- R5UBH
- PSS1/4B
- PSS1/4C
- PSS1C

