

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): June 27, 2023

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2023-00199

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Denali Borough City: Healy
Center coordinates of site (lat/long in degree decimal format): Lat. 63.8751°, Long. -148.7330°,
Universal Transverse Mercator:

Name of nearest waterbody: Cripple Creek

Name of watershed or Hydrologic Unit Code (HUC): 1908030808 (HUC 10) Healy Creek

- 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: June 27, 2023
 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:
 USGS NHD data.
 USGS 8 and 12 digit HUC maps.
 U.S. Geological Survey map(s). Cite scale & quad name:
 USDA Natural Resources Conservation Service Soil Survey. Citation: USDA Soil Mapper – SSURGO data unavailable
 National wetlands inventory map(s). Cite name: USFWS NWI Wetlands Mapper
 State/Local wetland inventory map(s):
 FEMA/FIRM maps:
 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
 Photographs: Aerial (Name & Date): Digital Globe Maxar Satellite Imagery 2020-2022
 or Other (Name & Date): Site photos (May 24, 2023) provided by the applicant
 Previous determination(s). File no. and date of response letter:
 Applicable/supporting case law:
 Applicable/supporting scientific literature:
 Other information (please specify): Applicant-submitted Geotechnical Report

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.

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

The review area contains a portion of road slide along a hillside rising above Cripple Creek, and proposed material and laydown sites along a plateau approximately 1,500 feet upslope of the road slide site. The slide is sparsely vegetated with grass, while surrounding slope areas appear to have a robust mix of spruce and deciduous trees and tall shrubs. Where the slope plateaus, aerial signatures and ground photos show sparsely vegetated ground, likely dominated by grasses and upland shrubs. To the southwest, the terrain slopes into a wetland drainage signature that's mapped by the National Wetland Inventory (NWI). While NWI mapping extends into the proposed material and laydown sites along the plateau, the extent is not supported by aerial imagery or site photos which show a change in terrain and vegetation type. This discrepancy appears to be a product of the coarseness of NWI mapping in the review area. Otherwise, there are no other National Wetland Inventory (NWI), nor National Hydrography Dataset (NHD), features mapped in the review area, and USDA soil survey data is not available. Aerial imagery shows no signs of surface water or hydrology patterns. Most of the review area has been previously disturbed by former mining operations. Based on the available data, the review area does not contain waters of the U.S., including wetlands, under the Corps of Engineers regulatory jurisdiction.



Gwen Jacobson
Regulatory Specialist

July 6, 2023

Date