

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): April 24, 2023

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2008-00335 APMA 9031

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Fairbanks North Star Borough City: Harding-Birch Lakes

Center coordinates of site (lat/long in degree decimal format): Lat. 64.3054 °, Long. -146.3134 °,

Universal Transverse Mercator:

Name of nearest waterbody: Buckeye Creek

Name of watershed or Hydrologic Unit Code (HUC): 1908030709 (HUC 10) Banner Creek-Tanana River

- 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: April 24, 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.

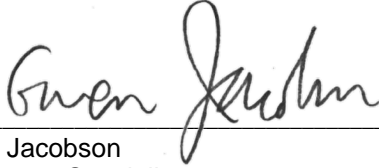
SECTION III: DATA SOURCES.

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, FNSB Pictometry 2020
 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):

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 approximately 3-acre review area is in a forested stand along an access trail. The canopy appears to be a robust mix of spruce (*Picea* spp.) and birch (*Betula neoalaskana*). Hinkley Gulch, an old ditch feature, passes through the review area but no longer supports hydrology nor connects to Buckeye Creek. The applicant stated that surface water is typically only present in the ditch during spring break-up, not following precipitation events; and that the substrate is a coarse texture that does not perch water easily. Most of the review area has been previously disturbed by former mining operations. The USDA soil survey characterizes the soil as Steese Silt Loam (12-20% slopes), a non-hydric, well-drained, silt loam that is not subject to flooding or ponding. There are no National Wetland Inventory (NWI), nor National Hydrography Dataset (NHD), features mapped in the review area. Aerial imagery shows no signs of surface water or hydrology patterns. Based on the available data, the review area does not appear to contain waters of the U.S., including wetlands, under the Corps of Engineers regulatory jurisdiction.



Gwen Jacobson
Regulatory Specialist

April 25, 2023

Date