

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): March 16, 2023

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2017-00198

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: City: Manley Hot Springs
Center coordinates of site (lat/long in degree decimal format): Lat. 65.1416 °, Long. -151.2354 °,
Universal Transverse Mercator:
Name of nearest waterbody: Boulder Creek
Name of watershed or Hydrologic Unit Code (HUC): 1908031116 (HUC 10) Fish 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: March 16, 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.

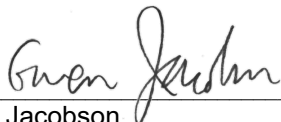
SECTION III: DATA SOURCES.

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): Applicant-supplied 2017 aerial overflight imagery
 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.

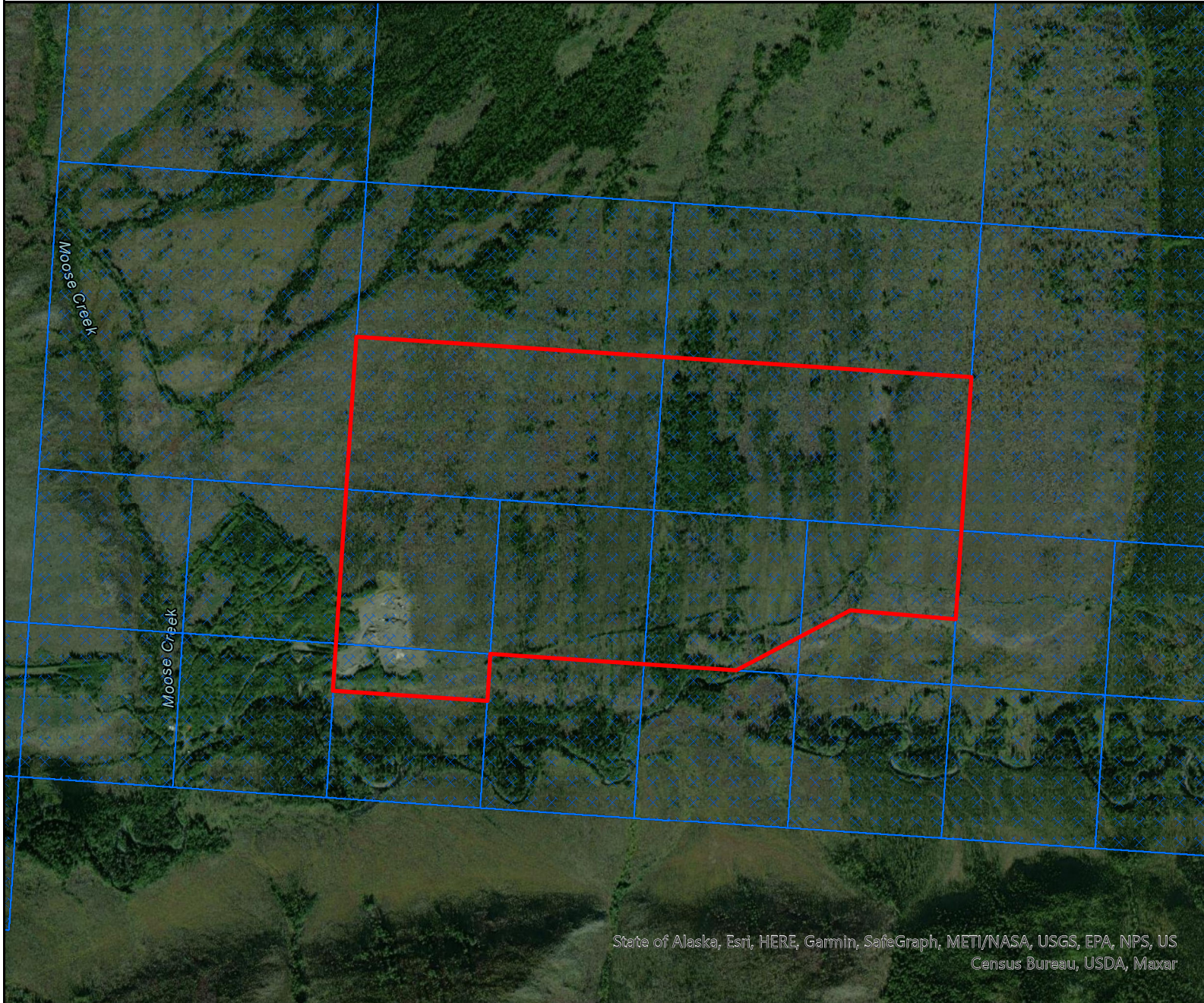
B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: The approximately 314-acre review area is located on a south-facing hillslope that is separated from the Boulder Creek valley to the south by a roughly 100-foot bench. The review area is all upslope of the bench. The southeast corner of the review area contains old un-reclaimed mining disturbance. Much of the hillslope appears to have been previously burned. National Wetland Inventory (NWI) mapping is available for the area but with coarse precision. Part of an outlying NWI wetland that's located along Boulder Creek extends into the review area, but its extent is not supported by aerial imagery which shows a change in elevation and vegetation type. This discrepancy appears to be a product of the coarseness of the NWI mapping. Aerial signatures show a robust tree canopy of spruce (*Picea spp.*) and birch (*Betula neoalaskana*) that's indicative of uplands. Imagery over a few different years shows no signs of surface water or hydrology patterns in the review area. Likewise, the National Hydrography Dataset (NHD) shows no surface water features. 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

March 16, 2023

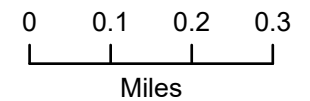
Date



MAP FEATURES

-  Review Area - No WOTUS
-  State Mining Claim Active

Lat: 65.1416
Long: -151.2354
Scale: 1:15,000



Last updated 3/17/2023

State of Alaska, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar