#### DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM<sup>1</sup> 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): October 17, 2022

# B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2022-00465

## C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: AlaskaCounty/parish/borough:City: AllakaketCenter coordinates of site (lat/long in degree decimal format):Lat. 66.540271 °N, Long. 152.659839 °WUniversal Transverse Mercator:

Name of nearest waterbody: Koyukuk River

Name of watershed or Hydrologic Unit Code (HUC): 1909010504 (HUC 10) Bergman Creek-Koyukuk 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: October 17, 2022
- 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: Allakaket Community Map (AK Dept of Commerce, 2009)
- 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: No USDA SSURGO (Soil Survey Geographic Database) data available, only STASGO (State Soil Geographic dataset)
- National wetlands inventory map(s). Cite name: No data available
- State/Local wetland inventory map(s):
- FEMA/FIRM maps: No FEMA data available. However, the Community Map shows the elevation of the record flood (497') which was documented in the USACE report "Alaska Communities Flood Hazard Data 2007".
- 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- Photographs: 🔽 Aerial (Name & Date): Digital Globe Maxar Satellite Imagery 2021-2022
  - or 🔲 Other (Name & Date):
- Previous determination(s). File no. and date of response letter: POA-2021-00255, June 17, 2021
- Applicable/supporting case law:

- Applicable/supporting scientific literature:
- Other information (please specify): National Elevation Dataset digital terrain model (60m); IFSAR Digital Surface Model (5m)

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

The review area includes Lots 1-12 of the Chalatna Hilltop Subdivision. The property consists of spruce (*Picea spp.*) forest on a south-aspect bluff, approximately 150 feet higher in elevation than the Koyukuk River. Aerial imagery, viewed over multiple years and multiple seasons, shows no signs of surface water or hydrology patterns in the review area. NHD shows no waterbodies. There's also a clear contrast between the upland forest

<sup>&</sup>lt;sup>1</sup> 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.

signature and the surrounding wetlands that slope to the river. The review area is at least 30 feet higher in elevation than the nearest obvious wetland signature. With a south aspect slope, it's unlikely the soils contain permafrost to perch water. Additionally, the Allakaket Community Map shows that the review area falls outside of the record flood elevation of 497 feet which is documented in the USACE report "Alaska Communities Flood Hazard Data 2007". Therefore, based on the available data, the subject property does not appear to contain waters of the U.S., including wetlands, under the Corps of Engineers (Corps) regulatory jurisdiction.

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Gwen Jacobson Regulatory Specialist North Central Section

October 19, 2022 Date



# For planning purposes only