

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): October 29, 2019

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2019-00609, IRHA, L. Williams

C. PROJECT LOCATION AND BACKGROUND INFORMATION: Lot 1, Block 2, New Allakaket Phase 1

State: Alaska County/parish/borough: Yukon-Koyukuk Census Area City: Allakaket
Center coordinates of site (lat/long in degree decimal format): Lat. 66.537887 °, Long. -152.655340°
Universal Transverse Mercator: 05W 515312 7379908

Name of nearest waterbody: Koyukuk River

Name of watershed or Hydrologic Unit Code (HUC): Allakaket-Koyukuk River watershed, HUC 19090105

- 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 29, 2019
- 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 (Alaska Department of Commerce, Community and Economic Development)
- 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: Bettles C-6 1:63,360 (USGS 1970)
- USDA Natural Resources Conservation Service Soil Survey. Citation: No data. The Exploratory Survey of Alaska (1979) is the only available information.
- National wetlands inventory map(s). Cite name: No data
- State/Local wetland inventory map(s):
- FEMA/FIRM maps: no data for Allakaket, some for nearby KOYUKUK-MIDDLE YUKON CENSUS SUBAREA
- 100-year Floodplain Elevation is: 438.12 feet (National Geodectic Vertical Datum of 1929) as per Allakaket Community Map (Alaska Department of Commerce, Community and Economic Development)
- Photographs: Aerial (Name & Date): ESRI basemap (accsd 10/2019)
- or Other (Name & Date): EVWHS Digital Globe (03/2018, 09/2018) imagery (accsd 10/2019), photos submitted on behalf of applicant of surrounding vegetation and area.
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify): USGS DGGS Digital Elevation Portal (accsd online 10/2019), Alaska Dept. of Natural Resources Forest Vegetation Survey (2011), Alaska Dept. of Fish and Game Anadromous Stream Survey (2017)

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: The elevation map attached to the Allakaket Community Map shows this subdivision to be on the south facing shoulder of the south bank Koyukuk River bluff near the top. The property appears to be at the 500 year flood plain or higher based on topography. It is southwest facing, and unlikely to have permafrost or other gelic features which would perch water. It

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.

also appears from the topography map to slope somewhat to the southwest. Elevation lines from 570-540 feet run through the lot. For perspective as to the expected flood zone area, the Allakaket airstrip is at 450, closer to the level of the Koyukuk River. The Allakaket Community Map states that the Corps of Engineers reported in 'Allakaket Communities Flood Hazard Data 2007' that in 1994 the published flood record was at an elevation of 497 which was corrected to 436.12 based upon the maps vertical control. Though Facultative species appear to be present on this site, there appears to be no evidence of wetland hydrology or reason for water to perch or persist on this lot.

Amy Tippery
Regulatory Specialist
NORTH Section

October 29 2019 _____
Date