

**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): January 4, 2019**

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2018-460, IRHA Yukon River**

**C. PROJECT LOCATION AND BACKGROUND INFORMATION:**

State: Alaska County/parish/borough: Yukon-Koyukuk Census Area City: Stevens Village  
Center coordinates of site (lat/long in degree decimal format): Lat. 66.0032° N., Long. -149.0779° W.  
Universal Transverse Mercator: 06W 405714 7321833

Name of nearest waterbody: Yukon River

Name of watershed or Hydrologic Unit Code (HUC): Middle Yukon HUC8 19080403

- 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: January 4, 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:
- 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: Waterbody, Flowline layers (database accsd online, 2017)
- USGS NHD data.
- USGS 8 and 12 digit HUC maps. HUC8 19080403
- U.S. Geological Survey map(s). Cite scale & quad name: Beaver A-5 1:63,3600 (USGS 1956, minor revisions 1964)
- USDA Natural Resources Conservation Service Soil Survey. Citation: Exploratory Soil Survey of Alaska (NRCS 1979)
- National wetlands inventory map(s). Cite name: HU8\_19080403 (USFWS accsd online 2018)
- State/Local wetland inventory map(s):
- FEMA/FIRM maps: (Unmapped as of 01/2019)
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs:  Aerial (Name & Date): ESRI Basemap (accsd online 01/2019)
- or  Other (Name & Date): Digital Globe imagery database (accsd online 2018: 06-2016 and 04-2018), Arctic DEM 5m mosaic and 2m strips IFSAR DSM (Division of Geological and Geophysical Surveys accsd online 2019)
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify):

**B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:** Although there are stunted black spruce wetlands (PFO4) directly to the west and other wetlands in the vicinity, summertime aerial imagery from Digital Globe shows a mixture of deciduous and needleleaf forest in the project area, and the trees themselves are significantly larger than the nearby stunted wetland forests. This indicates a co-dominance or predominance of species that are facultative upland in status (likely Paper birch) and that the needleleaf trees are likely white spruce (FACU) vs. black spruce (FACW). Elevation layers (Arctic DEM 5meter and IFSAR DEM show this area does not have depressions, swales or sloughs that would support

<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.

the ponding or retention of water. It appears to be a flat area above a slough to the east and a depression to the west (the aforementioned PFO4 wetland). Also the NWI has mapped the area as upland.

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Amy Tippet  
Regulatory Specialist  
NORTH CENTRAL Section

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Date



# POA-2018-460 National Wetlands Inventory (USFWS) & Anadromous Waters Catalog (ADFG)



## Legend

- |  |         |  |                   |
|--|---------|--|-------------------|
|  | PEM1A   |  | PUBH              |
|  | PEM1C   |  | R2UBH             |
|  | PSS1/4B |  | R2USA             |
|  | PSS1A   |  | Project Area      |
|  | PSS1B   |  | Anadromous Waters |
|  | PUBF    |  |                   |

Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

USACE Regulatory, Alaska District  
 Fairbanks Field Office (907) 458-1602  
 Contact: amy.c.tippery@usace.army.mil  
 Projection: NAD 1983  
 Imagery: ESRI Basemap (accsd 2018)  
 Citation: USFW (2018) & ADFG (2017)  
 Date: 1/3/2019 Scale: 1:9,096

0 460 920 1380 Feet

