

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): January 8, 2018

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2017-588 Chena River

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Fairbanks North Star Borough City: Fairbanks

Center coordinates of site: Lat. 64.811469 °, Long. -147.891678 °

Universal Transverse Mercator: Fairbanks

Name of nearest waterbody: Chena River

Name of watershed or Hydrologic Unit Code (HUC): 19080306, Chena River Watershed

- 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: December 20, 2017

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: National Wetland Inventory Map (NWI mapper, 12/19/2017), Google Streetview 7/2011
- 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: Alaska Hydrologic Dataset, NHDH1904.mdb (accessed 10/2017)
- USGS NHD data.
- USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: Fairbanks D-2, 1:63,000 (1953)
- USDA Natural Resources Conservation Service Soil Survey. Citation: Greater Fairbanks Soil Survey (v.12, 2017)
- National wetlands inventory map(s). Cite name: NWI HUC 19080306 (online database accessed 12/2017)
- State/Local wetland inventory map(s): FNSB online database Water layer shapefile (2010), Alaska Department of Fish and Game Anadromous Streams online database (2017)
- FEMA/FIRM maps: Flood Insurance Rate Map 02090C4342J (accessed online 11/2017)
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): Fairbanks North Star Borough Pictometry_2012_1meter_Mosaic_Partial.ecw, Google Earth: 1996, 2003, 2004, 2006 and 2017
- 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): Alaska Department of Natural Resources Forest Vegetation Survey (2013), FNSB LiDAR Imagery Hillshade_2010_LiDAR_DEM.img (2010), FNSB Contour Maps (2ft & 10ft increments)

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: This property is on an outside bend of the Chena River, with a typical high bank (≤ 3 meter) that is seen in many lower-Chena River properties. This erosion is due to the higher velocity of water flow on the outer bend combined with removal of natural vegetation and debris that act as barriers to bank erosion (and to property owners' view).



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.

High bank properties are elevated above normal seasonal water level fluctuations whereas low bank, inside bend properties can receive flooding from minor changes in the ordinary high water (OMHW) level. The placement of this property isolates it from the Chena River and does not facilitate even a transitional wetland fringe border between the two due to the steepness of the bank. Convex surface area of property does not pond or retain water making the project site too dry to support hydrophytic plants or saturated soil conditions for the amount of time necessary to support a hydrophytic plant community or hydric soil conditions.

POA-2017-588 United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI)



Legend

-  Project Area
-  R2UBH

USACE Regulatory, Alaska District
Fairbanks Field Office (907)474-2166
Contact: amy.c.tippery@usace.army.mil
Date: 01/03/2018 Citation: USFWS (2017)
Projection: NAD 1983 Scale: 1:1,460
Imagery: Pictometry_2012_1meter_Mosaic_Partial.ecw

0 80 160 240 Feet

