DRY LAND APPROVED JURISDICTIONAL DETERMINATION FORM[1]
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): April 16, 2019

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Alaska district, POA-2019-00126, Yukon River

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Yukon-Koyukuk Census Area City: Koyukuk
Center coordinates of site (lat/long in degree decimal format): Lat. 64.8826 °N, Long. 157.7121 °W

Name of nearest waterbody: Yukon River
Name of watershed or Hydrologic Unit Code (HUC): 19090205

- [x] 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):

- [x] Office (Desk) Determination. Date: April 16, 2019
- [ ] Field Determination. Date(s): *Click here to enter a date.*

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):

- [x] Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: lat/long, community map, site photo
- [ ] 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: *Click here to enter text.*
- [x] U.S. Geological Survey Hydrologic Atlas: *Click here to enter text.*
  - [x] USGS NHD data.
  - [ ] USGS 8 and 12 digit HUC maps.
- [x] U.S. Geological Survey map(s). Cite scale & quad name: Nulato D-4
- [x] USDA Natural Resources Conservation Service Soil Survey. Citation: 1979 Exploratory Soil Survey of Alaska
- [ ] National wetlands inventory map(s). Cite name: *Click here to enter text.*
- [ ] State/Local wetland inventory map(s): *Click here to enter text.*
- [ ] FEMA/FIRM maps: *Click here to enter text.*
- [ ] 100-year Floodplain Elevation is: *Click here to enter text.* (National Geodectic Vertical Datum of 1929)
- [ ] Photographs: [x] Aerial (Name & Date): 2016 Google Earth Pro Aerial Imagery dates 1996 to 2003 (accessed 12 March 2019); SimSuite 9_2_2016 Digital Data (accessed 19 March 2019); Alaska Division of Geological & Geophysical Surveys Koyukuk 2014 (accessed 19 March 2019)
  - [ ] or [ ] Other (Name & Date): *Click here to enter text.*
- [ ] Previous determination(s). File no. and date of response letter: *Click here to enter text.*
- [ ] Applicable/supporting case law: *Click here to enter text.*
- [ ] Applicable/supporting scientific literature: *Click here to enter text.*
- [x] Other information (please specify): Verieck et al 1992 The Alaska Vegetation Classification

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND: This project area is located within the Yukon River flood plain on what aerial imagery suggests to be a natural low lying levee (128ft in elevation). There is currently no custom soil survey available for this particular area as well as wetland inventory information. The 1979 Exploratory Soil Survey of Alaska was used to classify the area's soil type. Transitional areas, indicative of this project area, typically have well-drained, dark silty/sandy soils, Typic Cryofluvents, which are considered non-hydric. Closed

[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.

Black Spruce-White Spruce forests are common on flood-plain terraces and transitional areas where tree cover is more than 60 percent black and white spruce with a shrub layer consisting of weakly developed willows and other shrubs.

The project area is located on a transitional low-lying levee with well-drained soils and vegetation that can occur in uplands or wetlands. The parameters for a wetland classification have not been met.

_____ _____16 April 2019_____

Lindsey McCord
Regulatory Specialist
NORTH Section

Date