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): March 26, 2019

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Alaska District, Expansion White Mtn. Gravel Pit, POA-2019-00145

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Nome City: White Mountain
Center coordinates of site (lat/long in degree decimal format): Lat. 64.6910 ° N, Long. -163.4211 °W.
Universal Transverse Mercator:
Name of nearest waterbody: Fish River
Name of watershed or Hydrologic Unit Code (HUC): 19050104

☑ 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: March 26, 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):

- ☑ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Project plans, NWI map, Topographic map
- ☐ 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). 1:25000 Solomon C-3
- ☑ USDA Natural Resources Conservation Service Soil Survey. Citation: 1979 Alaska Exploratory Survey; Soil Survey (National Cooperative Soil Survey STATSGO (accessed 20 March 2019))
- ☑ National wetlands inventory map(s). Cite name: White Mountain, Alaska
- ☐ State/Local wetland inventory map(s):
- ☐ FEMA/FIRM maps: No data available
- ☐ 100-year Floodplain Elevation is: No data available
- ☐ Photographs: ☑ Aerial (Name & Date): SimSuite 9_2_2016 Digital Data (accessed 20 March 2019)
  - ☐ or ☑ Other (Name & Date): Google Earth Pro Imagery 2012 (accessed 20 March 2019)
- ☐ Previous determination(s). File no. and date of response letter:
- ☐ Applicable/supporting case law:
- ☐ Applicable/supporting scientific literature:
- ☑ Other information (please specify): Vegetation Cover (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 lies within the Lower Fish River basin and is approximately 574ft. from Fish River. The site has an elevation of 215ft compared to 22ft at the river edge and 250ft on the White Mountain Airport airstrip indicating the

[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.

project area lies on a sloping hill (USGS Quad Map Solomon C-3). The project area is approximately 10 acres and has been partially cleared to support a working commercial gravel pit. While there is a mapped wetland (PSS1/B4) uphill of the project area that may generate surface run-off, it is unlikely water remains for an extended period of time due to sloping elevation. Based on aerial imagery (Google Earth Imagery 2012, Esri World Imagery), the project area has been heavily cleared and what vegetation occurs appears to be open white spruce forest (Verieck et al 1992 The Alaska Vegetation Classification). Soils indicated in this area are Typic Histoturbels and Typic Fibristels, considered hydric (National Cooperative Soil Survey STATSGO (accessed 20 March 2019)). The soil survey available was not site specific but covered a broad area. Although the soils are considered hydric in nature, only one parameter was met and not sufficient to classify this site as a wetland. Based on the information available to this office it is concluded this site does not contain wetlands. Therefore, DA authorization is not required prior to the placement of dredged and/or fill material in these portions.

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Lindsey McCord
Regulatory Specialist
North Central Section

26 March 2019