

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): April 8, 2022

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: POA-2022-00129 Native Village of Unalakleet, Residential Development, Unalakleet River, Unalakleet, AK

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Alaska County/parish/borough: Nome Census Area City: Native Village of Unalakleet
Center coordinates of site (lat/long in degree decimal format): Lat. 63.873487°, Long. -160.790736°
Universal Transverse Mercator: X:412024.197561
Y:7084151.083367

Name of nearest waterbody: Pacific Ocean/ Unalakleet River

Name of watershed or Hydrologic Unit Code (HUC10): Sineak River-Frontal Norton Sound

- 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: April 7, 2022
 Field Determination. Date(s): N/A

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: POA-2022-00129.20220604.Applicant.Site 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: Unalakleet Erosion Control Project Unalakleet, Alaska USACE EA/FONSI. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Alaska Region (Version 2.0).
 U.S. Geological Survey Hydrologic Atlas: N/A
 USGS NHD data.
 USGS 8 and 12 digit HUC maps.
 U.S. Geological Survey map(s). Cite scale & quad name: N/A
 USDA Natural Resources Conservation Service Soil Survey. Citation: N/A
 National wetlands inventory map(s). Cite name: N/A
 State/Local wetland inventory map(s): N/A
 FEMA/FIRM maps: N/A
 100-year Floodplain Elevation is: 23 meters (Brower and others, 1977, FAA Overview of Environmental and Hydrogeologic Conditions at Unalakleet, Alaska)
 Photographs: Aerial (Name & Date): POA-2022-00129. 20220604.Applicant.Site Map, POA-2022-129.20220407.Map1, POA-2022-00129.20220407.Map2
 or Other (Name & Date): POA-2022-00129.20220604.Street View 1 & POA-2022-00129. 20220604.Street View 2
 Previous determination(s). File no. and date of response letter: N/A
 Applicable/supporting case law: N/A
 Applicable/supporting scientific literature: N/A
 Other information (please specify): Overview of Environmental and Hydrogeologic Conditions at Unalakleet, Alaska. USGS & FAA. Unalakleet Erosion Control Project Unalakleet, Alaska USACE EA/FONSI. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Alaska Region (Version 2.0)

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.

B. REQUIRED ADDITIONAL COMMENTS TO SUPPORT JD. EXPLAIN RATIONALE FOR DETERMINATION THAT THE REVIEW AREA ONLY INCLUDES DRY LAND:

According to the environmental assessment done by the US Army Corps of Engineers for the Unalakleet Erosion Control Project in January 2007, there is no permafrost under the spit on which the village is located. This would reduce the likelihood of a perched water table which could support hydric soils referenced in the September 2007 "Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Alaska Region (Version 2.0)". All houses in Unalakleet are within the 100-year flood zone. This flood zone is driven mainly by storm and wave action, but overbank flooding on the Unalakleet River is possible.

The proposed housing development is roughly in the middle of the village making it surrounded on all sides by roads and other development. The new cabin will be placed approximately where an existing building once stood and will not have a permanent foundation and fill would be minimal so it can be moved in the future if necessary. There are Google Street views available for the village and although done in winter the pictures of the review area don't appear to contain hydrologic indicators, such as, culverts for the roads surrounding the proposed project area. Furthermore, aerial imagery from the different sources (Digital Globe, Google Earth) don't appear to show any surface water in the review area during the growing season. As a result, it is the conclusion of the Corps that the review area is composed entirely of dry land.



Tyler Marye
Regulatory Specialist
North Section

April, 8 2022

Date

POA-2022-00129

Dryland JD
Map 2

Legend



Google Earth

Image © 2022 CNES / Airbus

Unalakleet NorthStar



300 ft