



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 5/25/2021
 ORM Number: POA-2021-00209
 Associated JDs: POA-2021-00121
 Review Area Location¹: State/Territory: AK City: Anchorage County/Parish/Borough: Anchorage
 Center Coordinates of Review Area: Latitude 61.186469 Longitude -149.992191

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- There are “navigable waters of the United States” within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- There are “waters of the United States” within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)²

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A.	N/A.	N/A.	N/A.

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): ³			
(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A.	N/A.	N/A.	N/A.

Tributaries ((a)(2) waters):			
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A.	N/A.	N/A.	N/A.

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):			
(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A.	N/A.	N/A.	N/A.

Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
MOA Wetlands Management	Approx. 38 ac in review	acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3)
			The subject wetland (26 D/ Postmark Bog) was historically part of a contiguous large wetland complex (Turnagain Bog) that is separated from an

¹ Map(s)/figure(s) are attached to the AJD provided to the requestor.
² If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.
³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.



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Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
Plan wetland 26D also known as Postmark Bog	area that includes portion of MOA wetland 26D north of berm that divides wetland . Approx. 14.6 ac within Fed Ex site.	water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	(a)(1) water (Knik Arm) by the natural bank that exists and also abutted an (a)(2) water (Jones Creek) and abutted (a)(3) waters (Jones Lake and Hood Lake) as depicted on the 1967 Anchorage USGS quad map. Construction of Postmark Road and N. Tug Road with the expansion of the Ted Stevens International Airport (TSIA) and related aviation support industries created artificial structures (roads and building pads) between Postmark Bog and the remaining Turnagain Bog wetland complex. Presently a direct hydrologic surface connection between wetland 26D and Knik Arm, an (a)(1) water, is maintained through an emergent wetland that conveys flow from wetland 26D through artificial features; that include a culvert under N. Tug Road which connects to a storm drainpipe that discharges directly into Knik Arm. The culvert under N. Tug Road and storm drainpipe located between N. Tug Road and Postmark Road is illustrated on the TSIA stormwater drainage map. Direct hydrologic surface flow from wetland 26D into the culvert attached to the storm drainpipe was observed during the Corps site visit on May 19, 2021. Water discharging from the storm drainpipe into Knik Arm was also observed during the Corps site visit on May 19, 2021. The APT report for May 19, 2021 indicate normal conditions exist and therefore meet typical year requirements of the Navigable Waters Protection Rule.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴			
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
N/A.	N/A.	N/A.	N/A.

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

- Information submitted by, or on behalf of, the applicant/consultant: [Figures: Project vicinity, Project location, Project area and wetlands boundary, TSAIA stormwater drainage, and DOT&PF Wetland Delineation Report and Functional Assessment Report submitted April 16 and 19, 2021 with AJD request](#)

This information is sufficient for purposes of this AJD.

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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Rationale: [N/A](#)

- Data sheets prepared by the Corps: [Data Point 1 and Data Point 2 Collected on May 19, 2021](#)
- Photographs: [Aerial and Other: Corps Photos May 19, 2021, Aerial Photo Google Earth May 5, 2020](#)
- Corps site visit(s) conducted on: [May 19, 2021](#)
- Previous Jurisdictional Determinations (AJDs or PJDs): [ORM Number\(s\) and date\(s\)](#).
- Antecedent Precipitation Tool: [provide detailed discussion in Section III.B.](#)
- USDA NRCS Soil Survey: [Custom Soil Resource Report for Anchorage Area, AK ACCS & Fed Ex AJD \(Web Soil Survey May 21, 2021\)](#)
- USFWS NWI maps: [Title\(s\) and/or date\(s\)](#).
- USGS topographic maps: [Anchorage and Vicinity, AK, 1:24,000 quad, 1967, USGS \(topo View <https://ngmdb.usgs.gov/topoview/viewer/#4/39.98/-99.98>\)](#)

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	Anchorage Wetlands Management Plan July 2014
Other Sources	MOA Wetland Mapping https://www.arcgis.com/apps/View/index.html?appid=3cf0dec81fcf4837bf9b45af5f4264bc

B. Typical year assessment(s): [Antecedent Precipitation Tool \(APT\) report was run for the day of the site visit, May 19, 2021 \(attached\).](#) The APT compares the recent periodic range (the three 30-day periods preceding the observation date) against the 30-year normal range of precipitation. The APT report for the the site visit determined normal conditions were present based on the analysis of precipitation data from weather stations at the Anchorage International and and Lake Hood Airports. The APT report was also run for the May 5, 2020 Google Earth aerial image referenced in the AJD and used as the underlying imagery for the wetland map and Corps photo points and data points mapping. An APT report was run for May 5, 2020 which determined that wetter than normal conditions occurred on the date of the imagery.

C. Additional comments to support AJD: [Postmark Bog \(wetland 26D\) has historically been identified as a jurisdictional water of the U.S. \(wetland\) as evidence by the numerous permits issued \(e.g. POA-1999-00779, POA-2000-00722, POA-2005-00214, and POA-2008-00175\).](#) Although the subject wetlands appear to receive runoff from the surrounding infrastructure (airport and roads) Postmark Bog was physically connected to and part of the larger Turnagain Bog wetland complex prior to the airport expansion as depicted on the 1967 Anchorage USGS quad map. The Turnagain Bog wetland complex (including Postmark Bog) was historically an adjacent wetland that was an (a)(4) water comprised of a large contiguous wetland complex separated from an (a)(1) water (Knik Arm) by the natural bank / bluff that exists along the Knik Arm shoreline and also abutted an (a)(2) water (Jones Creek) and abutted (a)(3) waters (Jones Lake and Hood Lake).

[While construction of artificial structures \(e.g. N. Tug Road, Postmark Road, and surrounding infrastructure\) have separated Postmark Bog from the larger Turnagain Bog wetland complex, Postmark](#)



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Bog remains an (a)(4) wetland separated from an (a)(1) water (Knik Arm) by artificial structure (road) which still allow a direct hydrologic surface connection between the wetland and the (a)(1) water (Knik Arm) via an artificial feature (culvert under N. Tug Road to storm drainpipe) in a typical year. An adjacent wetland is jurisdictional in its entirety when a road or similar artificial structure divides the wetland, as long as the structure allows for a direct hydrologic surface connection through or over that structure in a typical year (33 CFR 328.3(c)(1)).

Previous wetland investigations and mapping have identified wetlands present in the review area (Anchorage Wetlands Management Plan July 2014, DOT&PF Wetland Delineation Report and Functional Assessment Report, May 28, 2019).

Several linear drainage features are visible on aerial imagery and were also observed during the Corps site visit within the MOA mapped boundary of wetland 26D (Postmark Bog). The Corps documented an emergent wetland drainage feature (reference data point 1) north of the MOA mapped boundary of wetland 26D conveying surface flow from wetland 26D to the culvert under N. Tug Road. This culvert connects directly to the storm drainpipe which discharges the surface water from wetland 26D into Knik Arm approximately 4,000 feet to the north. Because these linear drainage features were constructed within Postmark Bog, an otherwise (a)(4) water (historically and presently), they do not meet the excluded waters (non-jurisdictional) criteria for ditches but remain as jurisdictional features within an (a)(4) water.