



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): 05-FEB-2021

ORM Number: NAO-2020-02383-RDB

Associated JDs: N/A

Review Area Location<sup>1</sup>:

State/Territory: VA City: County/Parish/Borough: King George County

Center Coordinates of Review Area: Latitude 38.338013 Longitude -77.048637

**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)<sup>2</sup>**

§ 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)<sup>3</sup>

(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
Wetland 1,	0.009 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by an	small drainage feature (0.009 acres) that leads to a

<sup>1</sup> Map(s)/Figure(s) are attached to the AJD provided to the requestor.

<sup>2</sup> If the navigable water is not subject to the ebb and flow of the tide and 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.

<sup>3</sup> 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 independent 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.

<sup>4</sup> 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.

<sup>5</sup> 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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		artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water in a typical year	culvert, which drains under SR 614 and eventually to Upper Machodoc Creek
Wetland 3	0.18 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	part of one larger wetland that extended beyond the wetland delineation area boundary that drains to Gambo Creek .
Wetland 4	0.224 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	part of one larger wetland that extended beyond the wetland delineation area boundary that drains to Gambo Creek.
Wetland 6	0.082 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	wetland that is part of larger offsite wetlands that drains to Gambo Creek.

**D. Excluded Waters or Features**

Excluded waters ((b)(1) – (b)(12))<sup>4</sup>:

Exclusion Name	Exclusion Size	Exclusion <sup>5</sup>	Rationale for Exclusion Determination
Ditch/Stormwater BMP	0.309 acres	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater runoff	Ditch created by the construction of the road and drains towards Gambo Creek
Wetland 5	0.116 acres	(b)(9) Water-filled depression constructed/excavated in upland/non-jurisdictional water incidental to mining/construction or pit excavated in upland/non-jurisdictional water to obtain fill/sand/gravel	larger depressional PFO wetland with a sparsely vegetated concave surface. This area received hydrologic input from the surrounding uplands and was contained to the south by a dirt and gravel road.
Wetland 2	0.005 acres	(b)(9) Water-filled depression constructed/excavated in upland/non-jurisdictional water incidental to mining/construction or pit excavated in upland/non-jurisdictional water to obtain fill/sand/gravel	small depressional area within existing forested uplands that appeared to collect surface water for a sufficient duration to develop wetland indicators. This wetland was potentially caused by site disturbance

**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: WETLAND DELINEATION of ALTERNATIVE 1 SITE

– Naval Support Facility Dahlgren, King George County, Virginia  
Final Report July 2020

Prepared for: NAVFAC Washington & Naval Support Facility Dahlgren

Prepared by: Marstel-Day, LLC Fredericksburg, Virginia and Versar, Inc. Newport News, VA

This information (*is/is not/is and is not*) sufficient for purposes of this AJD.

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- Data sheets prepared by the Corps: *Title(s) and/or date(s)*.
- Photographs: APPENDIX B Photographs for Data Forms
- Corps Site visit(s) conducted on: *Date(s)*.
- 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: *Figure 2-1 Soil Series Mapping and Topography of Wetland Delineation Area*
- USFWS NWI maps: *Figure 2-3 Alternate Site 1 Wetlands Delineation Map*
- USGS topographic maps: *Dahlgren 7.5'*

**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	N/A.
Other Sources	<b>Figure 2-2. Percent Normal Precipitation October 1, 2019 – May 21, 2020 (Source: SRCC)</b>
Other Sources	<b>Figure 2-4. Wetland Delineation Map From 2012 (Source: Navy 2012)</b>

- B. Typical year assessment(s):** data suggest that the hydrologic conditions at Alternative 1 Site wetland delineation area were within the normal range prior to the on-site investigation, although perhaps at the lower end of it. This analysis is important because mineral flat wetlands are sensitive to extremes in climate, particularly below or above normal precipitation.
- C. Additional comments to support AJD:** The 20.517-acre wetland delineation area is in the Inner Coastal Plan ecoregion and situated north of Buildings 1700 and 1705 and is comprised primarily of mixed pine-hardwood and hardwood forest (Latitude 38.33836, Longitude -77.04864). The wetland delineation area is bounded to the south by a parking area, to the west by a perimeter road and forest to the north and east (Figure 2-1). The wetland delineation area can be accessed from the parking area to the south. Between the asphalt parking area and woods is a linear feature that was installed as a best management practice (BMP) to receive storm water from the parking lot. This feature connects to a ditch that drains east to Gambo Creek.

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