



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): May 18, 2021  
 ORM Number: NAO-2021-00347-RDB  
 Associated JDs: N/A or ORM numbers and identifiers (e.g. HQS-2020-00001-MSW-MITSITE)  
 Review Area Location<sup>1</sup>:  
 State/Territory: VA City: County/Parish/Borough: Prince William County  
 Center Coordinates of Review Area: Latitude 38.596989 Longitude -77.317456

**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
A	2903 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System A flows directly into tidal Quantico Creek
AC	152 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System AC contributes flow to System A leading to tidal Quantico Creek.
AD	18 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System AD contributes flow directly into System A leading to tidal Quantico Creek.

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D	311 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System D contributes flow directly into System A leading to tidal Quantico Creek.
E	1259 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System E contributes flow directly into System A leading to tidal Quantico Creek.
EA	79 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System EA contributes flow directly into System A leading to tidal Quantico Creek.
EB	798 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System EB contributes flow directly into System A leading to tidal Quantico Creek.
H	1117 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System H contributes flow directly into System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
HA	370 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System HA contributes flow directly into System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
I	254 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System I contributes flow directly into System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
K	957 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
KA	322 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System KA contributes flow directly into System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
M	326 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System M contributes flow to System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
N	560 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System N contributes flow to System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
P	3877 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System P contributes flow to System K. System K is known as Powells Creek and begins to have tidal influence approximately 2.5 miles downstream of the project area.
PA	125 feet	(a)(2) Intermittent tributary contributes surface water flow	System PA contributes flow into System P. System P meets system A and continues downstream directly into

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		directly or indirectly to an (a)(1) water in a typical year	tidal Quantico Creek.
PD	100 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System PD contributes flow directly into System PE. System PE receives flow from system P and continues downstream directly into tidal Quantico Creek.
PG	145 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System PG contributes flow into System P. System P meets system A and continues downstream directly into tidal Quantico Creek.
PI	63 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System PI contributes flow into System P. System P meets system A and continues downstream directly into tidal Quantico Creek.
T	275 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System T leaves the study area and flows into a stormwater management system that discharges to System V
V	498 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System V contributes flow to System X. System X flows to System A, leading to tidal Quantico Creek.
W	553 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System W flows into System X. System X flows to System A, leading to tidal Quantico Creek.
X	1295 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System X flows to System A, leading to tidal Quantico Creek.

**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
AA	0.04 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System AA is physically separated from an (a)(1) - (a)(3) water only by a natural berm.
AB	0.07 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System AB directly abuts an (a)(1) – (a)(3)
B	0.12 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System B is physically separated from an (a)(1) - (a)(3) water only by a natural berm.
G	14.41 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System G directly abuts an (a)(1) – (a)(3)
J	0.14 acres	(a)(4) Wetland separated from an	Wetland System J is physically separated from an

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		(a)(1)-(a)(3) water only by a natural feature	(a)(1) - (a)(3) water only by a natural berm.
L	0.78 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System L is physically separated from an (a)(1) - (a)(3) water only by a natural berm.
O	0.1 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System O directly abuts an (a)(1) – (a)(3)
PB	0.02 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System PB directly abuts an (a)(1) – (a)(3)
PC	0.2 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System PC directly abuts an (a)(1) – (a)(3)
PE	0.18 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System PE directly abuts an (a)(1) – (a)(3)
PF	0.01 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System PF directly abuts an (a)(1) – (a)(3)
PH	0.02 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System PH directly abuts an (a)(1) – (a)(3)
Q	0.13 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System Q directly abuts an (a)(1) – (a)(3)
R	0.05 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System R is physically separated from an (a)(1) - (a)(3) water only by a natural berm.
U	0.06 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland System U is physically separated from an (a)(1) - (a)(3) water only by a natural berm.

**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
C	113 feet	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater runoff	System C contributes stormwater flow directly into System A leading to tidal Quantico Creek.
DA	123 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	System DA contributes stormwater flow directly into System A leading to tidal Quantico Creek.
F	78 feet	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater runoff	System F contributes stormwater flow directly into System A leading to tidal Quantico Creek.
Y	391 feet	(b)(10) Stormwater control feature	System Y contributes stormwater flow directly into

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		constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater runoff	System X leading to tidal Quantico Creek.
Z	307 feet	(b)(10) Stormwater control feature constructed or excavated in upland or in a non-jurisdictional water to convey, treat, infiltrate, or store stormwater runoff	System X contributes stormwater flow directly into System A leading to tidal Quantico Creek.

**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: map entitled "Van Buren Northern Extension Project Delineated Wetlands and Streams," Plates 1-9, dated January 2021, date stamped by our office April 2, 2021, and conducted by Dewberry Engineers Inc.

This information *is* sufficient for purposes of this AJD.

Rationale: *N/A*

\_\_\_ Data sheets prepared by the Corps: *Title(s) and/or date(s)*.

\_\_\_ Photographs: (*NA, aerial, other, aerial and other*) *Title(s) and/or date(s)*.

\_\_\_ 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 4*

USFWS NWI maps: *Figure 3 December 8, 2020*

USGS topographic maps: *7.5 Minute Topographic Quadrangle for Quantico, VA*

**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	N/A.

**B. Typical year assessment(s):** *N/A.*

**C. Additional comments to support AJD:** The majority of the Site consists of maintained pasture lands and earthen roads. The property is located within the Potomac River watershed (HUC 02070008 and

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02070010) and is drained by surface flow and an unnamed tributary flowing north into Howsers Branch

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