



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): April 16, 2021

ORM Number: SAC-2020-01719

Associated JDs: N/A

Review Area Location¹:

State: South Carolina City: Columbia County: Richland

Center Coordinates of Review Area: Latitude 34.097901 Longitude -81.040236

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
- 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
Jurisdictional Tributary UT-1	1523.85 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	UT-1 is a naturally occurring unnamed tributary mapped by USGS as a dashed and solid blue line, indicating potential perennial flow. During the data collection site visit conducted by the agent the tributary exhibited strong flow, with associated channel development, sediment sorting and other indications of perennial flow. UT-1 serves as the main tributary on the site and into which all the jurisdictional streams on the site flow. USGS mapping shows that UT-1 continues off-site to an (a)(3) impoundment of itself which then continues to Crane Creek a (a)(2) water, then ultimately flowing directly into the TNW Broad River. On this

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 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.

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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			basis, UT-1 has been determined to be a tributary with perennial flow and thus an (a)(2) water.
Jurisdictional Tributary UT-2	543.03 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	UT-2 is a naturally occurring unnamed tributary mapped by USGS as a dashed blue line. During the data collection site visit conducted by the agent the tributary exhibited strong flow, with associated channel development, sediment sorting and other indications of perennial flow. UT-2 carries flow to UT-1 (described above), and ultimately to the TNW Broad River. On this basis UT-2 has been determined to be a tributary with perennial flow and thus an (a)(2) water.
Jurisdictional Tributary UT-3	261.77 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	UT-3 is a naturally occurring unnamed tributary mapped by USGS as a dashed blue line. During the data collection site visit conducted by the agent the tributary exhibited strong flow, with associated channel development, sediment sorting and other indications of perennial flow. UT-3 carries flow to UT-2 (described above), and ultimately to the TNW Broad River. On this basis UT-3 has been determined to be a tributary with perennial flow and thus an (a)(2) water.
Jurisdictional Tributary UT-4	1087.1 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	UT-4 is a naturally occurring unnamed tributary mapped by USGS as a dashed blue line. During the data collection site visit conducted by the agent the tributary exhibited strong flow, with associated channel development, sediment sorting and other indications of perennial flow. UT-4 carries flow to UT-1 (described above), and ultimately to the TNW Broad River. On this basis UT-4 has been determined to be a tributary with perennial flow and thus an (a)(2) water.

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
Jurisdictional Wetland W1	0.26 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	W1 is contiguous and directly abutting (a)(2) tributaries UT-2 and UT-3 described above. On this basis, wetland JW-D is an (a)(4) water.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))⁴:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
Excluded Water Wetland W2	0.04 acres	(b)(1) Non-adjacent wetland	W2 is a closed boundary polygon that is not contiguous or directly abutting an (a)(1)-(a)(3) water. In addition, this wetland does not meet any of the other (a)(4) criteria for adjacency and thus is an excluded water pursuant to (b)(1).

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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: **Jurisdictional Determination Request dated December 26, 2020.**

This information is sufficient for purposes of this AJD.

Rationale: **The wetland data forms, and additional information submitted by the agent are a reasonable representation of site conditions at the time of collection and are sufficient for purposes of this AJD.**

___ Data sheets prepared by the Corps: *N/A*

Photographs: **Photos 1-20 of 20 provided by the consultant in the Jurisdictional Determination Request. Aerial Provided by agent titled "Figure F.1 Jurisdictional Features, Rockyview Dr. Site" dated January 13, 2021.**

___ Corps Site visit(s) conducted on: *N/A*

___ Previous Jurisdictional Determinations (AJDs or PJDs): *N/A*

Antecedent Precipitation Tool: *Detailed discussion in Section III.B.*

USDA NRCS Soil Survey: **Provided by agent titled "Figure C - USDA Soil Survey, Rockyview Dr. Site" dated January 5, 2021.**

USFWS NWI maps: **Provided by agent titled "Figure D - National Wetland Inventory, Rockyview Dr. Site" dated January 5, 2021.**

USGS topographic maps: **Provided by agent titled "Figure B - USGS Topography, Rockyview Dr. Site" dated January 5, 2021. 1:24K Quad – Columbia North**

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	SAC Regulatory Viewer accessed 12/10/2020,
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

B. Typical year assessment(s): The Antecedent Precipitation Tool (APT) data for the typical year assessment was calculated based on the field collection date denoted on the wetland determination data forms and submitted photos (December 3, 2020). Output from the APT indicated "normal" conditions at the time of data collection by the agent in 2020 with a condition value of 12. APT Outputs with condition values between 10 and 14 indicate "normal" conditions. Results of the APT indicate the boundaries of the aquatic resources as documented here have been observed during "normal" condition values and are an accurate representation of the extent and boundaries that would be observed within a typical year.

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- C. Additional comments to support AJD:** This form documents an approximately 78-acre site that includes four perennial (a)(2) waters, and one wetland (a)(4) water that were determined to be waters of the United States.

The site also includes one (b)(1) excluded water that was determined not to be waters of the United States.

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