



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): 24-JUNE-2021

ORM Number: SAC-2021-00442

Associated JDs: N/A

Review Area Location¹: North of and adjacent to Daisy Road

State: SC City: Longs County: Horry County

Center Coordinates of Review Area: Latitude 33.9948 Longitude -78.8569

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
JD Tributary 1	1226.3 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Jurisdictional Tributary 1 is a perennial tributary that is shown as a blue line on the NWI map and as a named blue line on topo maps (Simpson Creek). The tributary is shown as a distinct channel (bed and bank) on LiDAR. The tributary flows off-site to the Waccamaw River, a named TNW

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

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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Adjacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
JD Wetland 1	1.09 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Wetland 1 directly abuts the OHWM of the onsite tributary
JD Wetland 2	5.28 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Wetland 2 directly abuts the OHWM of the onsite tributary

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: JD request submitted by Southern Palmetto Environment, on behalf of Chris Barnhill, on Mar 5, 2020. Map submitted by the agent titled “**Wetland Determination**/ Watts Tract (29.35 +/- ac)/ TMS# 072-00-03-004/ Horry County, South Carolina” dated March 5, 2020

This information is sufficient for purposes of this AJD.

Rationale: The wetland data forms, and additional information submitted by the agent are considered to be 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: *Title(s) and/or date(s)*.

Photographs: (*aerial and other*) Google Earth aerial photo 2019, USGS National Map 3D Elevation Program (3DEP) published August 13, 2020 and site photos taken by the agent dated March 2, 2021.

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: NRCS / Soil Survey Geographic Database (SSURGO) Map Service dated April 4, 2019, updated March 4, 2020; Project area is comprised of the partially

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hydric soil Centenary fine sand and the hydric soil Yonges fine sandy loam.

X USFWS NWI maps: Wetlands Raster REST Map Service dated May 29, 2012 and revised July 17, 2020; NWIs depict a combination of uplands and partially drained/ditched wetlands (PFO1/4Bd).

X USGS topographic maps: USGS Topographic Map / 7.5 Minute Index / Hammond Quad/ 1:24000; USGS topographic survey information depicts a partially cleared forested area with a solid blue line along the north project boundary (Simpson Creek).

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	USGS Topo Map, USGS National Map 3D Elevation Program (3DEP)
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	Reg Viewer accessed on June 9, 2021
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

B. Typical year assessment(s): Antecedent Precipitation Tool (APT) data for typical year determination was calculated based on field collection data denoted on the originally included wetland delineation data forms (March 2, 2021). Output from the APT indicated “wetter than normal” conditions at the time of data collection by the agent (Southern Palmetto Environmental) with a value of 18. ATP outputs with a condition value greater than 14 indicate "wetter than normal" conditions, “normal” conditions range from 10-14, and values less than 10 are considered “drier than normal”. For this assessment, the APT tool pulled data from 9 weather stations within an approximate radius of 18 miles. Results of the APT indicate the site visit was conducted under conditions considered by the Corps to be outside a "typical year". However, APT results being wetter than normal conditions in combination with the geographic positioning of waters and uplands onsite are such that it would not change the jurisdictional status of those features.

C. Additional comments to support AJD: This form address 29.35 acres in Longs, SC. Present on site is one (a)(2) water. The (a)(2) water is a named (Simpson Creek) perennial tributary on USGS topographic maps. The tributary flows off-site to the Waccamaw River, a named TNW. Also on site are two (a)(4) wetlands. The wetlands abut the OHWM of the onsite (a)(2) tributary.

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