



**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): 8/5/2020  
 ORM Number: LRN-2020-00505  
 Associated JDs: N/A  
 Review Area Location<sup>1</sup>: State/Territory: TN City: Columbia County/Parish/Borough: Maury  
 Center Coordinates of Review Area: Latitude 35.643813 Longitude -86.961957

**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
N/A.	N/A.	N/A.	N/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 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.

<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 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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**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
STR-1	544	linear feet	(b)(1) Surface water channel that does not contribute surface water flow directly or indirectly to an (a)(1) water in a typical year.	Intermittent STR-1 begins and ends within the bounds of the AJD review area, ending with subsurface drainage into a sinkhole. See section C.
EPH-1	87	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	No indicators of groundwater input were observed. No base flow was observed during a site visit conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool. See Section C.
EPH-2	39	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	No indicators of groundwater input were observed. No base flow was observed during a site visit conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool. See Section C.
EPH-3	215	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	No indicators of groundwater input were observed. A small amount of flow was observed during a site visit conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool. See Section C.
EPH-4	364	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	No indicators of groundwater input were observed. No base flow was observed during a site visit conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool. See Section C.
EPH-5	195	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	No indicators of groundwater input were observed. No base flow was observed during a site visit conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool. See Section C.
EPH-6	247	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	No indicators of groundwater input were observed. No base flow was observed during a site visit conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool. See Section C.
PND-1	.02	acre(s)	(b)(1) Lake/pond or impoundment that does not	Feature is not contributing or being directly affected by an a(1)-a(3) water. See Section C.

<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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Excluded waters ((b)(1) – (b)(12)): <sup>4</sup>				
Exclusion Name	Exclusion Size		Exclusion <sup>5</sup>	Rationale for Exclusion Determination
			contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	
PND-2	.98	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Feature is not contributing or being directly affected by an a(1)-a(3) water. See Section C.
WTL-1	.06	acre(s)	(b)(1) Non-adjacent wetland.	Wetland is not abutting a jurisdictional water. See Section C.
WTL-2	.02	acre(s)	(b)(1) Non-adjacent wetland.	Wetland is not abutting a jurisdictional water. See Section C.
WTL-3	.01	acre(s)	(b)(1) Non-adjacent wetland.	Wetland is not abutting a jurisdictional water. See Section C.
WTL-4	.34	acre(s)	(b)(1) Non-adjacent wetland.	Wetland is not abutting a jurisdictional water. See Section C.
WTL-5	.24	acre(s)	(b)(1) Non-adjacent wetland.	Wetland is not abutting a jurisdictional water. See Section C.

**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: **Title(s) and date(s)**  
This information **is** sufficient for purposes of this AJD.  
Rationale: **Connectivity required to be verified on site**
- Data sheets prepared by the Corps: **Title(s) and/or date(s)**.
- Photographs: **Aerial and Other: Consultant Photos taken April 21, 2020, ACOE Photos taken July 21, 2020. Google Earth, accessed August 5, 2020.**
- Corps site visit(s) conducted on: **July 21, 2020**
- 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 Soils Map, dated April 21, 2020**



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- USFWS NWI maps: [National Wetlands Inventory Map, dated April 27, 2020](#)
- USGS topographic maps: [Topographic Map, dated April 27, 2020](#)

**Other data sources used to aid in this determination:**

Data Source (select)	Name and/or date and other relevant information
<a href="#">USGS Sources</a>	N/A.
<a href="#">USDA Sources</a>	N/A.
<a href="#">NOAA Sources</a>	N/A.
<a href="#">USACE Sources</a>	N/A.
<a href="#">State/Local/Tribal Sources</a>	N/A.
<a href="#">Other Sources</a>	N/A.

- B. Typical year assessment(s):** The USACE site visit was conducted in drier than normal conditions in the dry part of the growing season according to the APT tool. The consultant site visit was conducted in wetter than normal conditions in the wet part of the growing season according to the APT tool.
- C. Additional comments to support AJD:** Much of this site is suspected to have been used for historical quarry/mining activity, which is supported by LiDAR and topographic maps. All ephemerals besides EPH-3, were found to have no indicators of groundwater input or base flow during extremely wet conditions. EPH-1 drains south onto the property via heavy rainfall events. No base flow was observed during very wet conditions, supporting the determinations of ephemeral. EPH-1 drains into STR-1, an intermittent stream. Intermittent STR-1 has a well defined bed and bank with riffle pools present. STR-1 flows south into a large sinkhole within the review area. EPH-2 and EPH-3 flow into STR-1 from the eastern side. EPH-3 had some base flow during wetter than normal conditions in the wet part of growing season, in direct response from a rain event. EPH-4 runs for approximately 192 linear feet before losing bed and bank/OHWM indicators and then regains these features for an additional 172 linear feet. EPH-5 ends in a swale with no indicators of OHWM or defined bed and bank down-gradient. EPH-6 serves as drainage into PND-2 after rainfall events. PND-1 was determined to constructed during historical mining activities, in uplands. PND-2 was also determined to be constructed during historical mining activities, in uplands. PND-2 was constructed below the groundwater table, likely to help maintain the hydrology year-round. WTL-1, WTL-2, WTL-3, WTL-4, and WTL-5 were likely created during the historic mining activities on site when the landscape was altered. Boundaries were verified on site and the wetlands connect to various ephemerals/ponds on site via sheet flow over bare bedrock. See MFR and application package for additional information.