



**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): [6/17/2021](#)

ORM Number: [LRN-2017-00832](#)

Associated JDs: [LRN-2017-00832](#)

Review Area Location<sup>1</sup>: State/Territory: [TN](#) City: [Antioch](#) County/Parish/Borough: [Davidson](#)

Center Coordinates of Review Area: Latitude [36.032259](#) Longitude [-86.642222](#)

**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
<a href="#">N/A.</a>	<a href="#">N/A.</a>	<a href="#">N/A.</a>	<a href="#">N/A.</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	
<a href="#">N/A.</a>	<a href="#">N/A.</a>	<a href="#">N/A.</a>	<a href="#">N/A.</a>	

Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination	
<a href="#">Watercourse 4 (WC-4)</a>	<a href="#">466</a>	<a href="#">linear feet</a>	<a href="#">(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.</a>	<a href="#">WC-4 was actively flowing at the time of the Corps' site visit. Hydric soils, hydrophytic vegetation, mineral stained rock, crayfish chimneys and iron oxidizing bacteria were observed within the stream. The consultant had observed WC-4 dry during two different site visits. WC-4 is a tributary of the ((a)(2) water) Collins Creek, which is a tributary of the ((a)(2) water) Mill Creek, a tributary to the ((a)(1) water) Cumberland River. See Section C of this document for more information.</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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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.	N/A.

Adjacent wetlands ((a)(4) waters):				
(a)(4) Name	(a)(4) Size		(a)(4) Criteria	Rationale for (a)(4) Determination
Wetland A	0.28	acre(s)	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by an artificial structure allowing a direct hydrologic surface connection between the wetland and the (a)(1)-(a)(3) water, in a typical year.	Within Wetland A, hydric soils, hydrophytic vegetation, surface water and saturation were observed by the Corps. Wetland A is separated by the ((a)(2) water) WC-4 by an artificial structure with a culvert, which allows a direct intermittent hydrologic surface connection between Wetland A and WC-4, in a typical year.

**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
WC-1	238	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	WC-1 was completely dry at the time of the Corps' site visit. Upland vegetation was observed growing within the stream channel. Per the consultant's pictures, dated 11/10/2020, WC-1 lack a well-defined bed & bank with unstained leaf litter throughout the channel.
Watercourse 3 (WC-3)	449	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	WC-3 was mostly dry, with two small, isolated sections of standing and weak flowing water at the time of the Corps' site visit. Upland vegetation was observed growing throughout the stream channel. Macroinvertebrates, hydric soils and mineral stained rock were absent throughout WC-3.
Wetland B	0.02	acre(s)	(b)(1) Non-adjacent wetland.	Wetland B is a non-adjacent wetland that does not abut an (a)(1)-(3) jurisdictional water; is not inundated by flooding from an (a)(1)-(3) water in a typical year; is not physically separated from an (a)(1)-(3) water solely by a natural berm, bank, dune, or similar natural feature; nor by an artificial dike, barrier, or similar artificial structure. Wetland B does not have

<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
			perennial or intermittent flow and does not meet the definition of an (a)(1)-(3) water.

### 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: [“Approved Jurisdictional Determination Request, Century Farms Area 12...Antioch, Davidson County, Tennessee”, dated March 30, 2021.](#)

This information is sufficient for purposes of this AJD.

Rationale: [N/A](#)

☐ Data sheets prepared by the Corps: [N/A](#)

☒ Photographs: [Aerial and Other: “Approved Jurisdictional Determination Request, Century Farms Area 12...Antioch, Davidson County, Tennessee”, dated March 30, 2021, and photographs taken during USACE site visit.](#)

☒ Corps site visit(s) conducted on: [May 26, 2021](#)

☒ Previous Jurisdictional Determinations (AJDs or PJDs): [LRN-2017-00832](#)

☒ Antecedent Precipitation Tool: [provide detailed discussion in Section III.B.](#)

☒ USDA NRCS Soil Survey: [“Approved Jurisdictional Determination Request, Century Farms Area 12...Antioch, Davidson County, Tennessee”, dated March 30, 2021.](#)

☒ USFWS NWI maps: [“Approved Jurisdictional Determination Request, Century Farms Area 12...Antioch, Davidson County, Tennessee”, dated March 30, 2021.](#)

☒ USGS topographic maps: [“Approved Jurisdictional Determination Request, Century Farms Area 12...Antioch, Davidson County, Tennessee”, dated March 30, 2021.](#)

#### 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>	<a href="#">N/A.</a>
<a href="#">USDA Sources</a>	<a href="#">N/A.</a>
<a href="#">NOAA Sources</a>	<a href="#">N/A.</a>
<a href="#">Other USACE data (specify)</a>	<a href="#">USACE Digital Elevation Model (DEM), accessed 6/9/2021</a>
<a href="#">State/Local/Tribal Sources</a>	<a href="#">N/A.</a>
<a href="#">Other Sources</a>	<a href="#">N/A.</a>

**B. Typical year assessment(s):** According to the APT, the consultant's and Corps' site visits were conducted in normal conditions during the wet season. According to the National Weather Service website, <https://water.weather.gov/precip/?loctype=WFO&loc=wfoSJU>, the site received approximately 0.00" of precipitation in the 48 hour period prior to the consultant's and Corps' site visits.

**C. Additional comments to support AJD:** [WC-4 connects to Collins Creek through a series of culverts, concrete lined ditches and natural channels. DEM was used to trace the flow path of this network. See MRF for additional information.](#)