



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): 30 July 2020

ORM Number: LRL-2019-56-sea

Associated JDs: LRL-2019-56-sea PJD dated 30 July 2020

Review Area Location¹:

State/Territory: KY City: Louisville County/Parish/Borough: Jefferson County

Center Coordinates of Review Area: Latitude 38.087584 Longitude -85.619197

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)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
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

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 and 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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D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))⁴:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
Ephemeral 1	125 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Ephemeral 1 only contains surface water flowing or pooling in direct response to precipitation. Ephemeral 1 is a (b)(3) water and is therefore excluded from the rule.
Ephemeral 2	125 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Ephemeral 2 only contains surface water flowing or pooling in direct response to precipitation. Ephemeral 2 is a (b)(3) water and is therefore excluded from the rule.
Ephemeral 4	280 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Ephemeral 4 only contains surface water flowing or pooling in direct response to precipitation. Ephemeral 4 is a (b)(3) water and is therefore excluded from the rule.
Ephemeral 5	65 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Ephemeral 5 only contains surface water flowing or pooling in direct response to precipitation. Ephemeral 5 is a (b)(3) water and is therefore excluded from the rule.
Intermittent 3	125 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 3 flows directly into Open Water 2 which has been determined to be non-jurisdictional because it does not have a consolidated underground or surface channel that contributes to an (a)(1) to (a)(3) water. As such, Intermittent 3 is a (b)(1) water and is therefore excluded from the rule.
Intermittent 4	135 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 4 flows directly into Open Water 2 which has been determined to be non-jurisdictional because it does not have a consolidated underground or surface channel that contributes to an (a)(1) to (a)(3) water. As such, Intermittent 4 is a (b)(1) water and is therefore excluded from the rule.
Open Water 2	0.332 acres	(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	Open Water 2 drains into a sinkhole. There is no indication that the flow entering the sinkhole from Open Water 2 moves in a consolidated underground channel to an (a)(1)-(a)(3) water and is presumed to become part of the ground water. As such, Open Water 2 is a (b)(1) water and is therefore excluded from the rule.
Wetland 2	0.03 acres	(b)(1) Non-adjacent wetland	Wetland 2 is located around Open Water 2 which has been determined to be non-jurisdictional because it does not have a consolidated underground or surface channel that contributes to an (a)(1) to (a)(3) water. Wetland 2 does not physically abut an (a)(1)-(a)(3) water and is not inundated by water from an (a)(1)-(a)(3) water in a typical year. As such, Wetland 2 is a (b)(1) water and is therefore excluded from the rule.

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.

X Information submitted by, or on behalf of, the applicant/consultant: Revised Water/Wetland Location Map dated June 23, 2020.

This information is sufficient for purposes of this AJD.

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- Data sheets prepared by the Corps: *Title(s) and/or date(s)*.
- Photographs: Aerial – kygisserver.ky.gov ArcGIS services (2016)
Site photographs taken October 22, 2018
- Corps Site visit(s) conducted on: *Date(s)*.
- Previous Jurisdictional Determinations (AJDs or PJDs): LRL-2019-56-sea PJD dated February 2019
- Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*
- USDA NRCS Soil Survey: *Title(s) and/or date(s)*.
- USFWS NWI maps: *Title(s) and/or date(s)*.
- USGS topographic maps: 1:24,000 – Mount Washington, KY Quad

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	Mapped karst groundwater basins in the Louisville 30 x 60 minute quadrangle (2018)
Other Sources	FEMA/FIRM Map – FEMA National Flood Hazard Layer (2015)

- B. Typical year assessment(s):** N/A
- C. Additional comments to support AJD:** N/A

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