

I. **ADMINISTRATIVE INFORMATION**

Completion Date of Approved Jurisdictional Determination (AJD): January 14, 2021

ORM Number: LRL-2020-00874 Associated JDs: LRL-2019-1125

Review Area Location1:

State/Territory: KY City: County/Parish/Borough: Oldham County

Center Coordinates of Review Area: Latitude 38.295449 Longitude -85.463554

II. **FINDINGS**

Α.	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 appropriets tables in section II C)

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	8	10 Size	Ş	10 Criteria	R	Rationale for §	10 Determination
N/A	4	N/A		N/A		N/A		

Clean Water Act Section 404 C.

Territorial Seas and Traditional Navigable Waters ((a)(1) waters)³

Ī	(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
Floyds Fork NWPR	4020 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Contributes water to an (a)(1) indirectly. Floyds Fork is located along the southeastern and eastern project boundary and is approximately 90 feet in width with 10 to 15-foot banks and silt, gravel, cobble, boulder, and bedrock substrate.
Int 1 NWPR	575 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The intermittent tributary contributes surface water flow continuously during certain times of the year and more than in direct response to precipitation to an (a)(1) water in a typical year.
Int 10 NWPR	825 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1)	The intermittent tributary contributes surface water flow continuously during certain times of the year and more than in direct response to precipitation to an (a)(1)

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.

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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.



		water in a typical year	water in a typical year.
Int 11 NWPR	25 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 12 NWPR	235 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 13 NWPR	415 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 2 NWPR	130 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 3 NWPR	85 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 4 NWPR	400 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 5 NWPR	240 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 6 NWPR	100 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 7 NWPR	50 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 8 NWPR	65 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Int 9 NWPR	210 feet	(a)(2) Intermittent tributary	The intermittent tributary contributes surface water flow
		contributes surface water flow	continuously during certain times of the year and more
		directly or indirectly to an (a)(1)	than in direct response to precipitation to an (a)(1)
		water in a typical year	water in a typical year.
Perennial 1	2165 feet	(a)(2) Perennial tributary contributes	Contributes water to an (a)(1) indirectly. Perennial
NWPR		surface water flow directly or	Stream 1 originates at the confluence of three
		indirectly to an (a)(1) water in a	intermittent streams and flows south into Floyds Fork.
		typical year	Perennial Stream 1 ranges from eight to ten feet wide
		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	with two to ten foot bank heights and silt, gravel,
	I		cobble, boulder, and bedrock substrate.

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.

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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	

Adiacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
Wetland 3 NWPR	0.022 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Wetland 3 is an emergent seep wetland that is directly connected to Intermittent Stream 3.
Wetland 4 NWPR	0.037 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Wetland 4 is an emergent seep wetland that is directly connected to Intermittent Stream 10.
Wetland 5 NWPR	0.191 acres	(a)(4) Wetland separated from an (a)(1)-(a)(3) water only by a natural feature	Wetland 5 is an emergent seep wetland that is directly connected to Intermittent Stream 3. Wetland 5 is connected via a sinkhole that drains the water underground and connects to Intermittent Stream 10 through an observed seep.

D. Excluded Waters or Features

Excluded waters $((b)(1) - (b)(12))^4$:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
Eph 1 NWPR	100 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 10 NWPR	65 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 11 NWPR	180 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 12 NWPR	85 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 13 NWPR	25 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 14 NWPR	75 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 15 NWPR	20 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 16 NWPR	90 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and

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Eph 17 NWPR	335 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 18 NWPR	70 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 19 NWPR	50 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 2 NWPR	55 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 20 NWPR	25 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 21 NWPR	65 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 3 NWPR	80 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 4 NWPR	250 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 5 NWPR	415 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 6 NWPR	20 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 7 NWPR	210 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 8 NWPR	15 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
Eph 9 NWPR	80 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The ephemeral channel only contains surface water flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and

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			is therefore excluded from the rule.
Wetland 1 NWPR	0.074 acres	(b)(1) Non-adjacent wetland	Wetland 1 is a scrub-shrub wetland that lacks a direct connection to a jurisdictional tributary or water; therefore, not adjacent to jurisdictional tributary or water; Wet 1 is a (b)(1) water and is therefore excluded from the rule.
Wetland 2 NWPR	0.025 acres	(b)(1) Non-adjacent wetland	Wetland 2 is an emergent wetland that lacks a direct connection to a jurisdictional tributary or water; therefore, not adjacent to jurisdictional tributary or water; Wet 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: PCN for NWP 29 submitted December 23, 2019 and Addendum submitted February 11, 2020 (LRL-2019-1125) for previous client. PCN for NWP 29 submitted November 2020 with revised Fig 3 water wetland map and Fig 4 SitePlan submitted January 5, 2021.

This information is sufficient for purposes of this AJD.

Rationale: N/A

Data sheets prepared by the Corps: Title(s) and/or date(s).

- _X_ Photographs: Aerial and other: World Imagery Esri GIS (2019) and site photographs March 13, 2019, November 10, 2020, and December 21, 2020.
- **_X**_ Corps Site visit(s) conducted on: *Date(s)*. *January 27, 2020 for western portion and December 21, 2020 for eastern portion of site.*
- **_X**_ Previous Jurisdictional Determinations (AJDs or PJDs): *LRL-2019-1125*Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*
- X USDA NRCS Soil Survey: SSURGO, Oldham Co, KY (2006).

USFWS NWI maps: Title(s) and/or date(s).

X USGS topographic maps: 1:24K Crestwood, Kentucky

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	N/A.
Other Sources	N/A.

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- **B.** Typical year assessment(s): Typical year assessment was conducted utilizing desktop tools, the submitted preconstruction notification, and a site visit conducted by Corps personnel on January 27, 2020 and December 21, 2020 to verify the recommended aquatic resource determinations by Redwing Ecological Services, Inc., (now Resource Environmental Solutions, LLC.). Based on the aforementioned supporting documentation, the conditions as described *in Part II: Findings* under Section C Clean Water Act Section 404 and Section D Excluded Waters or Features were determined to be typical.
- C. Additional comments to support AJD: N/A

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