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): July 2, 2021
ORM Number: LRL-2017-01046
Associated JDs: N/A
Review Area Location[1]:
State/Territory: KY City: County/Parish/Borough: Bullitt County
Center Coordinates of Review Area: Latitude 37.98761 Longitude -85.50836

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
Cedar Creek NWPR	192 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
Greens Branch NWPR	556 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
Lickskillet Creek NWPR	200 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.

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[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.
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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.

MP00 UNT0 NWPR	443 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP00 UNT1 NWPR	135 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Intermittent tributaries.** 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.
MP00 UNT2 NWPR	301 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP00 UNT3 NWPR	192 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.
MP01 UNT1 NWPR	172 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.
MP02 Cox Creek NWPR	192 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP02 Rocky Run NWPR	240 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP05 UNT2 NWPR	274 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP06 UNT1 NWPR	220 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Perennial tributaries.** The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP06 UNT2 NWPR	325 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Perennial tributaries.** The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP07 UNT1 NWPR	191 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP07 UNT2 NWPR	171 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)

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		water in a typical year	water in a typical year.
MP07 UNT3 NWPR	408 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.
MP07 UNT3A NWPR	755 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.
MP08 UNT1 NWPR	265 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.
MP08 UNT2 NWPR	223 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP09 UNT1 NWPR	811 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.
MP09 UNT2 NWPR	64 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP09 UNT3 NWPR	198 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP09 UNT4 NWPR	170 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
MP09 UNT8 NWPR	147 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.
MP10 UNT11 NWPR	410 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.
MP10 UNT6 NWPR	267 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.
MP10 UNT7 NWPR	149 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.
MP10 UNT8 NWPR	148 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)

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		water in a typical year	water in a typical year.
MP11 UNT1 NWPR	517 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.
MP11 UNT3 NWPR	183 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Intermittent tributaries.** 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.
MP11 UNT4 NWPR	262 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Intermittent tributaries.** 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.
MP11 UNT5 NWPR	180 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Intermittent tributaries.** 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.
MP11.67 UNT4 NWPR	262 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.
UNT1 to Greens Branch NWPR	978 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	The Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.

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
MP05 W01 PUB NWPR	0.1 acres	(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	The earthen berm on the west side of the feature is man-made and the bottom is excavated to its current depth. This pond feature is not of natural origin. The water source is via spring fed flow entering the feature in the southeast corner, outside of the survey corridor.
MP06 W01 NWPR	0.12 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Wetland characteristics.** Hydrology for this wetland emanates from an open

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			water pond outside the survey corridor leaching downslope and showing at the surface in wetland MP06 W01. This wetland drains north to MP06 UNT2 the adjacent perennial stream reach.
MP06 W02 NWPR	0.5 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Wetland characteristics.** The wetland receives hydrology from MP06 UNT2A, an intermittent stream reach and MP06 UNT2, a perennial stream reach. The wetland drains to connection with MP06 UNT2, which drains the area to the northwest from the survey corridor.
MP09 W01 NWPR	0.17 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	The wetland drains to connection with MP09 UNT 2 and MP09 UNT3 both perennial stream reaches outside the survey corridor.
MP11 W01 NWPR	0.32 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Wetland characteristics**. The wetland drains to connection with MP11 UNT3 an intermittent stream reach outside the survey corridor.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))[4]:

Exclusion Name	Exclusion Size	Exclusion[5]	Rationale for Exclusion Determination
BC22 UNT1 NWPR	270 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.
Coyler UNT1 NWPR	86 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.
Coyler UNT2 NWPR	81 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.
Coyler UNT3 NWPR	69 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.
Coyler UNT4 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.
MP01 UNT2 NWPR	240 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Ephemeral tributaries**. 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

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			therefore excluded from the rule.
MP06 UNT2A NWPR	604 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Ephemeral tributaries.** 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.
MP08 UNT1 to Lickskillet NWPR	378 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.
MP09 UNT5 NWPR	152 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.
MP09 UNT6 NWPR	76 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.
MP09 UNT7 NWPR	209 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.
MP10 UNT1 NWPR	567 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.
MP10 UNT10 NWPR	63 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.
MP10 UNT12 NWPR	36 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Ephemeral tributaries.** 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.
MP10 UNT2 NWPR	78 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.
MP10 UNT3 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.
MP10 UNT4 NWPR	66 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.
MP10 UNT5	157 feet	(b)(3) Ephemeral feature, including	The ephemeral channel only contains surface water

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NWPR		an ephemeral stream, swale, gully, rill, or pool	flowing or pooling in direct response to precipitation. The identified ephemeral channel is a (b)(3) water and is therefore excluded from the rule.
MP10 UNT6A NWPR	35 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.
MP10 UNT7A NWPR	144 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.
MP10 UNT7A1 NWPR	312 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.
MP10 UNT9 NWPR	139 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.
MP11 UNT1A NWPR	341 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.
MP11 UNT2 NWPR	50 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Ephemeral tributaries.** 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.
MP11 UNT4A NWPR	135 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	**Aquatic resource was visit during site visit conducted by Corps personnel to establish criteria used in identifying Ephemeral tributaries.** 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.
MP11.67 UNT1 NWPR	320 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.
MP11.67 UNT1A NWPR	115 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.
MP11.67 UNT1B NWPR	119 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.
MP11.67 UNT1C NWPR	175 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

[1] Map(s)/Figure(s) are attached to the AJD provided to the requestor.
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[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.

			is therefore excluded from the rule.
MP11.67 UNT2 NWPR	133 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.
MP11.67 UNT3 NWPR	149 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.
MP11.67 UNT4A 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.
MP11.67 UNT4B NWPR	140 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.
MP11.67 UNT5 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.
MP7.5 W01 PUB NWPR	0.18 acres	(b)(1) Non-adjacent wetland	MP7.5 W01, a palustrine unconsolidated bottom (PUB) pond, is located outside the proposed corridor.
UNT1A to Greens Branch NWPR	96 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.

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: *ENG Engineering, LLC LG&E Bullitt County Transmission Pipeline Project Streams and Wetlands LRL-2017-1046 (August 1, 2018), Bullitt County Transmission Pipeline: Summary of May 3 Jurisdictional Determination Site Visit LRL-2017-1046 (May 6, 2021), 20210505_LGE_Bullitt_Delineation_Figures (May 11, 2021), Table 1 JD Features Resource USACE Data Updated 05062021 (May 7, 2021).*
This information is sufficient for purposes of this AJD.
Rationale: *N/A*

___ Data sheets prepared by the Corps: *N/A*

_X_ Photographs: *(aerial and other) Bullitt County Transmission Pipeline: Summary of May 3 Jurisdictional Determination Site Visit LRL-2017-1046 (May 6, 2021), 20210505_LGE_Bullitt_Delineation_Figures (May 11, 2021).*

_X_ Corps Site visit(s) conducted on: *May 3, 2021.*

___ Previous Jurisdictional Determinations (AJDs or PJDs): *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.
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___ Antecedent Precipitation Tool: N/A.
___ USDA NRCS Soil Survey: *N/A*
___ USFWS NWI maps: *N/A*
_X_ USGS topographic maps: *1:24K Quad Name – Samuels*

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	**Regulatory viewer with 3DEP Elevation contours, DEM, and hill-shade layers.**
State/Local/Tribal Sources	N/A.
Other Sources	**Google Earth Pro (2020) with NHD and USGS Earth point Topo map layers.**

B. Typical year assessment(s): Typical year assessment was conducted utilizing desktop tools identified above with supporting documentation. 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:** A site visit was conducted on May 3, 2021 by Corps personnel to view aquatic resources that demonstrated criteria utilized by the applicant's agent to make recommendations as to the flow regime of the identified resources. The site visit consisted of visual confirmation of waters at multiple locations along the survey corridor. A total of three wetlands and eleven stream features were visited and have been noted in the rationale column of this document.

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