



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): October 27, 2020

ORM Number: LRL-2020-00673-JWS

Associated JDs: N/A

Review Area Location<sup>1</sup>:

State/Territory: IL City: Harrisburg County/Parish/Borough: Saline County

Center Coordinates of Review Area: Latitude 37.76289 Longitude -88.639215

**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
SE013	1750.5 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Jurisdictional feature connecting to WETB013.
SE026	2295.5 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature SE026 was field-determined by SWCA to be an intermittent water (based on OHWM, substrate, and flow rate) with flow heading northeast. This feature contributes to WBC001 (a jurisdictional waterbody).
SE028	2289.9 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1)	Feature SE028 was field-determined by SWCA to be an intermittent water (based on OHWM, substrate, and flow rate) with flow heading north. This feature

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<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 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.

<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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		water in a typical year	contributes to WBC001 (a jurisdictional waterbody).
SE030	425.6 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Jurisdictional feature within a connection through WETE006.
WBB003	110.1 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Jurisdictional feature with a connection through WETB001
WWA030	2896.7 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature WWA030 was field-determined by SWCA to be a perennial water (based on OHWM, substrate, and flow rate) with flow heading northeast. This feature is a tributary of Bankston Fork, a jurisdictional water.
WWA032	1306.1 feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature WWA032 was field-determined by SWCA to be a perennial water (based on OHWM, substrate, and flow rate) with flow heading northeast. This feature is a tributary of Bankston Fork, a jurisdictional water.
WWB002	147.9 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB004	164.2 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB006	1180.7 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB007	1409.1 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB008	162.6 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB009	450.9 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB010	254.4 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWB011	466.6 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWC001	8770 feet	(a)(2) Perennial tributary contributes	Feature WWA032 was field-determined by SWCA to

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		surface water flow directly or indirectly to an (a)(1) water in a typical year	be a perennial water (based on OHWM, substrate, and flow rate) with flow heading northeast. This feature is a tributary of Bankston Fork, a jurisdictional water.
WWC012-INT	664.2 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature WWC012-INT was determined to be an intermittent (based on flow rate, OHWM, and substrate) tributary of Brushy Creek, which is a tributary of Bankston Fork.
WWC014	301 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature WWC014-INT was determined to be an intermittent reach of WWC014 (based on flow rate, OHWM, and substrate), a tributary of Brushy Creek, which is a tributary of Bankston Fork.
WWC019	1335.8 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water
WWF002	391 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Water was found to be intermittent and contributes flow to a downstream jurisdictional water

**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
WBB001	1.83 acres	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature has a connection to jurisdictional water WWB002
WBC001	181.34 acres	(a)(3) Lake/pond or impoundment of a jurisdictional water inundated by flooding from an (a)(1)-(a)(3) water in a typical year	WBC001 is a man-made impounded waterbody that contributes significantly to Brushy Creek (a tributary of Bankston Fork) in the northern part of the review area.
WETB012	6.23 acres	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Wetland is directly connected to a jurisdictional water, WWB007.
WETB015	1.74 acres	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Wetland is connected to a jurisdictional water, WWB009.
WETF009	3.78 acres	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Open water is connected to a jurisdictional water, WWC019.

**Adjacent wetlands ((a)(4) waters):**

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
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WETA017	4.84 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	WETA017 is a palustrine forested wetland flooded by WWA030 (a tributary of Bankston Fork) in the southeast part of the review area.
WETA020	0.46 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	WETA020 is a palustrine emergent/forested wetland complex that is adjacent to WBA004, which is contributes to WWA030 (Bankston Fork, a Jurisdictional waterbody) in the southeastern part of the review area.
WETA021	3.35 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	WETA021 is a palustrine forested wetland flooded by WWA030 (a tributary of Bankston Fork) in the southeast part of the review area.
WETA022	0.45 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	WETA022 is a palustrine forested wetland that contributes to WWA032, WBA005, and WWA030 (a tributary of Bankston Fork) in the southeast part of the review area
WETA023	23.82 acres	(a)(4) Wetland inundated by flooding from an (a)(1)-(a)(3) water in a typical year	WETA023 is a palustrine forested/emergent wetland complex adjacent to Bankston Fork in the southeast part of the review area
WETB002	0.2 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Water was found to be jurisdictional with a connection to WWF002
WETB004	2.19 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature is connected through a culvert in the road to another jurisdictional water, WETB001.
WETB013	3.48 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature was determined to be jurisdictional with a connection to WETB012.
WETB014	0.95 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	WETB014 is a palustrine emergent wetland that contributes water significantly to WETB012 (a PUB) that is connected to WBC001 (a Jurisdictional waterbody) in the eastern part of the review area
WETC001	3.51 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	WETC001 is a palustrine emergent/scrub-shrub wetland complex that is adjacent to WWC001 (Brushy creek, a Jurisdictional waterbody) in the eastern part of the review area.
WETF002	0.77 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Water was found to be jurisdictional with a connection to WETF009.
WETB001	2.53 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature is directly connected to a jurisdictional water, WWB002.
WETB005	0.46 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature is connected through WWB004 and WETB004 which are both connected through a culvert to the downstream resources.
WETB006	0.56 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature connected to a jurisdictional water, WWB004.
WETB008	2.86 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature is connected through a jurisdictional water, WWB006.
WETE003	0.9 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature was determined to be a jurisdictional wetland with a connection to WETB013
WETE004	1.19 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature is directly connected to a jurisdictional water, SE026.
WETF001	0.41 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Water was found to be jurisdictional with a connection to WWF002
WWA022	0.45 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Wetland was determined to be abutting a perennial feature, WWA022.

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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
SE001	2040 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE002	429 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE003	1542.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE004	367.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE005	427.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE006	146.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE007	215.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE008	517.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE009	259.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE010	430.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE011	239.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE012	478.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE014	824.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE015	351.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE016	102.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE017	365.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully,	Feature was determined to be ephemeral.

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		rill, or pool	
SE018	712.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE019	140.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE020	537.6 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE021	522.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE022	456.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE023	298.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE024	285.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE025	184.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE027	1400.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE029	200.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE031	225.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
SE032	499 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WBA001	1.01 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	Feature is connected to a non-jurisdictional water, WWA001.
WBA002	0.034 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	Feature is connected to a non-jurisdictional water, WWA001.
WBA003	4.83 acres	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an	Isolated open water pit.

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		(a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year	
WBA004	1.72 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	WBA004 is a man-made impoundment with a non-jurisdictional connection to WWA030- Banksten Fork.
WBA005	2.58 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	Feature was determined to be an impoundment of a jurisdictional stream, WWA032.
WETA001	0.11 acres	(b)(1) Non-adjacent wetland	Feature is not connected to any jurisdictional water.
WETA003	0.56 acres	(b)(1) Non-adjacent wetland	Feature is connected to a non-jurisdictional water, WWA001.
WETA004	0.58 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETA005	2.42 acres	(b)(1) Non-adjacent wetland	Feature is connected through a non-jurisdictional water, WWA009.
WETA006	0.5 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETA007	0.08 acres	(b)(1) Non-adjacent wetland	Feature has a non-jurisdictional connection through feature through WWA010
WETA008	0.15 acres	(b)(1) Non-adjacent wetland	Wetland is isolated from any jurisdictional water.
WETA009	0.14 acres	(b)(1) Non-adjacent wetland	Feature is adjacent to a stream flowing to an isolated open water pit, WBA 003.
WETA010	0.57 acres	(b)(1) Non-adjacent wetland	Feature is adjacent to a stream flowing to an isolated open water pit, WBA 003.
WETA011	0.03 acres	(b)(1) Non-adjacent wetland	Wetland is isolated from any jurisdictional water.
WETA012	0.17 acres	(b)(1) Non-adjacent wetland	Feature is connected to an isolated open water pit, WBA 003.
WETA013	0.25 acres	(b)(1) Non-adjacent wetland	Feature is connected to an isolated open water pit, WBA 003.
WETA014	0.03 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETA015	3.24 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETA016	3.63 acres	(b)(1) Non-adjacent wetland	WETA016 is separated from WETA017 by a man-made levy with no connection between the two waters.
WETA024	0.07 acres	(b)(1) Non-adjacent wetland	Wetland is isolated from any jurisdictional water
WETB003	0.06 acres	(b)(1) Non-adjacent wetland	Feature had no direct connection to the adjacent water, WWB002.
WETB009	0.06 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETB010	0.06 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETB011	0.24 acres	(b)(1) Non-adjacent wetland	Isolated wetland
WETC002	0.02 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	Feature was found to have no connection to any jurisdictional resource.
WETC003	1.65 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional

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			feature.
WETC004	0.17 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETC005	0.17 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETC006	0.12 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETC007	0.27 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETC008	0.55 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETC009	0.04 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETD001	0.27 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETD002	0.08 acres	(b)(1) Non-adjacent wetland	Wetland was found connected to a non-jurisdictional feature.
WETE001	2.26 acres	(b)(1) Non-adjacent wetland	Water has a connection to a non-jurisdictional feature, SE001.
WETE002	0.49 acres	(b)(1) Non-adjacent wetland	Feature has a connection to a non-jurisdictional water, SE016.
WETE005	1.29 acres	(b)(1) Non-adjacent wetland	Feature has a connection through a non-jurisdictional water, SE027.
WETF004	1.39 acres	(b)(1) Non-adjacent wetland	Water had no connection to jurisdictional resources
WETF005	0.38 acres	(b)(1) Non-adjacent wetland	Water had no connection to jurisdictional resources
WETF008	3.95 acres	(b)(1) Non-adjacent wetland	Water had no connection to jurisdictional resources
WF006	0.58 acres	(b)(1) Non-adjacent wetland	Water had no connection to jurisdictional resources
WF007	0.07 acres	(b)(1) Non-adjacent wetland	Water had no connection to jurisdictional resources
WWA001	2819.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA002	122.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA003	244 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA004	192.6 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	Feature was determined to be intermittent with no connection to a jurisdictional water.
WWA005	49.9 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	Feature was determined to be intermittent with no connection to a jurisdictional water.
WWA006	202.8 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	Feature was determined to be intermittent with no connection to a jurisdictional water.
WWA007	305.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully,	Feature was determined to be ephemeral.

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		rill, or pool	
WWA008	670 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA009	720.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA010	1269.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral. Feature was determined to be ephemeral. Feature flows into an isolated open water pit.
WWA011	901.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral. Feature was determined to be ephemeral. Feature flows into an isolated open water pit.
WWA012	515.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral. Feature was determined to be ephemeral. Feature flows into an isolated open water pit.
WWA013	270.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral. Feature was determined to be ephemeral. Feature flows into an isolated open water pit.
WWA014	110.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA015	813.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral. Feature was determined to be ephemeral. Feature flows into an isolated open water pit.
WWA016	251.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature is connected to an isolated open water pit, WBA 003. Feature was determined to be ephemeral
WWA017	1211 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA018	0.28 acres	(b)(1) Non-adjacent wetland	Feature was determined to be a non-adjacent wetland, adjacent to WWA030
WWA019	305.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA020	483.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA023	486.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA024	184.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA025	983.6 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA026	147.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA027	508.3 feet	(b)(3) Ephemeral feature, including	Feature was determined to be ephemeral.

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		an ephemeral stream, swale, gully, rill, or pool	
WWA028	85.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA029	285.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA031	237.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA033	181.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA034	495.3 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA035	1002.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA036	473.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWA021	675.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral. Feature flows into an isolated open water pit.
WWB005	121.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC002	166 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC003	1134 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC004	1226.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC005	107.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC006	197.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC007	331.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC008	879.7 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC010	284.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully,	Feature was determined to be ephemeral.

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		rill, or pool	
WWC011	313.8 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC012-EPH	394.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC013	92.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC014EPH	154.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC015	257 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC016	344 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC017	310.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC018	286.4 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWC020	492.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWD002	857.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWD003	402.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWD004	218.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF001	93.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF003	54.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF004	438.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF005	257 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF006	396.9 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.

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WWF007	593.5 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF008	292.1 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WWF009	2396.2 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature was determined to be ephemeral.
WETA002	0.68 acres	(b)(1) Non-adjacent wetland	Feature has no connection to a jurisdictional water.
WETA018	0.28 acres	(b)(1) Non-adjacent wetland	Wetland is not directly abutting the nearby perennial 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: *Request and Delineation submitted by SWCA on July 16, 2020.*

This information *is* sufficient for purposes of this AJD.

Rationale: *N/A*

Data sheets prepared by the Corps: *NHD- Regviewer 27 Oct 2020*

Photographs: *Google Earth aerial, March 2019*

Corps Site visit(s) conducted on: *September 23, 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: *Title(s) and/or date(s).*

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

USGS topographic maps: *Regviewer USGS Map*

**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.

**B. Typical year assessment(s):** The APT tool was used to assess the ephemeral streams that were questionable on site. Dates were compared between the November 2019 delineation date and the September 2020 site visit. Both dates revealed normal conditions.

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- C. Additional comments to support AJD:** The project area mainly consisted of an area that was used for surface coal mining. Many of the ephemeral streams were incised and mainly considered erosional gullies. Many of the ephemeral streams appeared to have supported a large amount of water during flashy rain events, however the loose mine soil most likely allows water to drain quickly and not support an intermittent flow to these large ephemeral channels. Many isolated wetlands were present on the which were formed from depressions in the land after poor reclamation.

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<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 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.

<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.