



**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): 10/6/2020
 ORM Number: LRL-2020-766 Virgie Clean Mining, LLC SMCRA 898-0967 (Tackett Hollow)
 Associated JDs: LRL-2015-949
 Review Area Location¹: State/Territory: Kentucky City: Virgie County/Parish/Borough: Pike
 Center Coordinates of Review Area: Latitude 37.330834 Longitude -82.598460

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
- 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
Tackett Hollow Int Trib	1500 linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Tributary contributes surface and ground water indirectly to a Section 10 water in a typical year by flowing into Long Fork of Shelby Creek. Shelby Creek empties into the Levisa Fork, a TNW

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.

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 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.



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

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.	

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
Tackett Hollow UTTH 1 Ephem Exclusion	300	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Tributary surface water only flows or pools in direct response to precipitation. Tributary does not serve as a connection between an upstream and downstream jurisdictional channel.
Tackett Hollow UTTH 2 Ephem Exclusion	600	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Tributary surface water only flows or pools in direct response to precipitation. Tributary does not serve as a connection between an upstream and downstream jurisdictional channel.
Tackett Hollow Ephem Exclusion	1300	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Tributary surface water only flows or pools in direct response to precipitation. Tributary does not serve as a connection between an upstream and downstream jurisdictional channel.
UT Long Fork Ephem Exclusion 1	2125	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Tributary surface water only flows or pools in direct response to precipitation. Tributary does not serve as a connection between an upstream and downstream jurisdictional channel.

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: [Jurisdictional Determination Requeste submitted on 8-28-2020 and 9-25-2020](#)

This information is sufficient for purposes of this AJD.

Rationale: [N/A](#)

Data sheets prepared by the Corps: [NWPR AJD Form prepared 10-06-2020](#)

Photographs: [Aerial: Google Earth Imagery 4-21-2019](#)

Corps site visit(s) conducted on: [7-22-2020](#)

Previous Jurisdictional Determinations (AJDs or PJDs): [LRL-2015-949](#)

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

USDA NRCS Soil Survey: [Title\(s\) and/or date\(s\).](#)

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.



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

- USFWS NWI maps: [Title\(s\) and/or date\(s\)](#).
- USGS topographic maps: [1:24K Dorton, 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.

- B. Typical year assessment(s):** The corresponding APT report for this geographic region during a 90 day time range was indicative of wetter than normal conditions, however for the past 30 day period a normal precipitation event log was recorded. The in-field observations made were reflective of the definition of an ephemeral channel and exhibited no flow or pooling of water immediately following a precipitation event
- C. Additional comments to support AJD:** The watershed has been previously impacted by gas exploration, logging, illegal dumping, and residential impacts