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): 4/21/2021
ORM Number: LRN-2020-01007
Associated JDs: N/A
Review Area Location[1]: State/Territory: TN City: Gallatin County/Parish/Borough: Sumner
Center Coordinates of Review Area: Latitude 36.406728 Longitude -86.466838

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.	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.	N/A.

Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
D-1 East Camp Creek	7,506	linear feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	The consultant observed flowing water, macroinvertebrates and fish over multiple site visits. East Camp Creek is a tributary of the ((a)(2) water) Station Camp Creek, a tributary of the ((a)(1) water) Cumberland River/Old Hickory Lake.
D-2	2,755	linear feet	(a)(2) Perennial tributary contributes	The consultant observed flowing water, macroinvertebrates and fish over multiple site visits. Flowing water and fish were observed by the Corps.

[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.

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(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	D-2 is a tributary to the ((a)(2) water) East Camp Creek.
D-3	5,270	linear feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	The consultant observed flowing water, macroinvertebrates over multiple site visits. Flowing water and macroinvertebrates were observed by the Corps. D-3 is a tributary to the ((a)(2) water) East Camp Creek.
D-5	73	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of water with macroinvertebrates observed during all site visits. D-5 had standing pools of water at the time of the Corps' site visit.
D-7	69	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	D-7 began at a spring and was actively flowing at the time of the Corps' site visit. D-7 was observed to only have pools of water at times during the consultant's site visits.
D-8	194	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	D-8 began at a spring above and fed Wetland D. The feature was observed to be actively flowing at the time of the Corps' site visit. D-8 was observed to only have pools of water at times during the consultant's site visits.
D-10	299	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of water with macroinvertebrates observed during all site visits.
D-11	19	linear feet	(a)(2) Intermittent tributary contributes	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of

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(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	water with macroinvertebrates observed during all site visits.
D-13	1,876	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of water with macroinvertebrates observed during all site visits.
D-15	6,222	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of water with macroinvertebrates observed during all site visits.
D-16	547	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of water with macroinvertebrates observed during all site visits.
D-18	180	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	During the consultant's multiple site visits, D-5 ranged between flowing water and standing pools of water with macroinvertebrates observed during all site visits.

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
Pond 1	1.65	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an	Pond 1 was built in the jurisdictional tributary stream D-2. Its inlet also serves as its outlet and contributes surface water to stream D-2. A man-made berm was documented by the Corps.

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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
			(a)(1) water in a typical year.	

Adjacent wetlands ((a)(4) waters):				
(a)(4) Name	(a)(4) Size		(a)(4) Criteria	Rationale for (a)(4) Determination
Wetland A	6.16	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Wetland A was documented by the consultant and Corps to directly abut the ((a)(2) water) D-2. Surface water, saturation, hydrophytic vegetation and hydric soils were documented by the consultant and Corps.
Wetland F	0.70	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Wetland F was documented by the consultant and Corps to directly abut the ((a)(2) water) D-11 by the consultant and Corps. Surface water, saturation, hydrophytic vegetation and hydric soils were documented by the consultant and Corps.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
Wetland B	0.09	acre(s)	(b)(1) Non-adjacent wetland.	Wetland B is an isolated emergent wetland with no adjacency to a jurisdictional water.
Wetland C	0.37	acre(s)	(b)(1) Non-adjacent wetland.	Wetland C is an isolated emergent wetland with no adjacency to a jurisdictional water.
Wetland D	0.28	acre(s)	(b)(1) Non-adjacent wetland.	Wetland D is a former farm pond with obvious berm that currently functions as a wetland. Wetland D neither abuts a jurisdictional water, or contributes surface water flow to a jurisdictional water.
Wetland E	0.11	acre(s)	(b)(1) Non-adjacent wetland.	Wetland E is an isolated emergent wetland with no adjacency to a jurisdictional water.
Wetland H	0.02	acre(s)	(b)(1) Non-adjacent wetland.	Wetland H is an isolated emergent wetland with no adjacency to a jurisdictional water.
Wetland G	0.05	acre(s)	(b)(1) Non-adjacent wetland.	Wetland G is an isolated emergent wetland with no adjacency to a jurisdictional water.
Wetland I	0.69	acre(s)	(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	Wetland I is a former farm pond with obvious berm that currently functions as a wetland. Wetland I does not contribute surface water flow to a jurisdictional water.

[4] Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.
[5] Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.

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Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
			an (a)(1)-(a)(3) water in a typical year.	
Wetland J	0.01	acre(s)	(b)(1) Non-adjacent wetland.	Wetland J is an isolated emergent wetland with no adjacency to a jurisdictional water.
Wetland K	0.10	acre(s)	(b)(1) Non-adjacent wetland.	Wetland K is a former farm pond with obvious berm that currently functions as a wetland. Wetland K does not contribute surface water flow to a jurisdictional water.
D-9	289	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-9 is an ephemeral feature that was dry at the time of the consultant's and Corps' site visits.
D-16A	153	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-16A is an ephemeral feature that was dry at the time of the consultant's site visits.
D-17	60	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-17 is an ephemeral feature that was dry at the time of the consultant's site visits.
D-12	529	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-12 is an ephemeral feature that was dry at the time of the consultant's site visits. At the time of the Corps' site visit, D-12 had standing pools of water, but lacked iron staining, or water staining.
D-6	347	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-6 is an ephemeral feature that was dry at the time of the consultant's and Corps' site visits.
D-4	207	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-4 is an ephemeral feature that was dry at the time of the consultant's and Corps' site visits. Non-water stained leaf litter in the feature's channel was observed by the Corps.
D-14	132	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-14 is an ephemeral feature that was dry at the time of the consultant's site visits.
D-5A	79	linear feet	(b)(3) Ephemeral feature, including an ephemeral	D-5A is an ephemeral feature that was dry at the time of the consultant's and Corps' site visits.

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Excluded waters ((b)(1) – (b)(12)):[4]				
Exclusion Name	Exclusion Size		Exclusion[5]	Rationale for Exclusion Determination
			stream, swale, gully, rill, or pool.	
D-11A	75	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	D-11A is an ephemeral feature that was dry at the time of the consultant's site visits.
Pond 2	0.42	acre(s)	(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.	Pond 2 is a man-made feature, dug in uplands, with an obvious berm.
Pond 3	0.46	acre(s)	(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.	Pond 3 is a man-made feature, dug in uplands, with an obvious berm.
Pond 4	0.02	acre(s)	(b)(1) Water or water feature that is not identified in (a)(1)-(a)(4) and does not meet the other (b)(1) subcategories.	Pond 4 is a small karst depression that holds water seasonally that does not contribute surface water flow to an (a)(1) 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: "Hydrologic Determinations and Wetland Delineations, Bowles Farm…Gallatin, Sumner County, Tennessee", dated October 3, 2020.
This information is sufficient for purposes of this AJD.
Rationale: N/A

☐ Data sheets prepared by the Corps: N/A

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☒ Photographs: Aerial and Other: "Hydrologic Determinations and Wetland Delineations, Bowles Farm…Gallatin, Sumner County, Tennessee", dated October 3, 2020.
☒ Corps site visit(s) conducted on: February 25th, 2021
☐ Previous Jurisdictional Determinations (AJDs or PJDs): N/A
☒ Antecedent Precipitation Tool: *provide detailed discussion in Section III.B*.
☒ USDA NRCS Soil Survey: "Hydrologic Determinations and Wetland Delineations, Bowles Farm…Gallatin, Sumner County, Tennessee", dated October 3, 2020.
☒ USFWS NWI maps: "Hydrologic Determinations and Wetland Delineations, Bowles Farm…Gallatin, Sumner County, Tennessee", dated October 3, 2020.
☒ USGS topographic maps: "Hydrologic Determinations and Wetland Delineations, Bowles Farm…Gallatin, Sumner County, Tennessee", dated October 3, 2020.

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): According to the APT, the consultant's site visit was conducted in wetter than normal conditions during the dry season and the Corps' in drier than normal conditions during the wet season. According to the National Weather Service website, https://water.weather.gov/precip/?loctype=WFO&loc=wfoSJU, the site had received approximately 0.00" of precipitation in the preceding 48 hour period prior to the Corps' site visit and approximately 0.21" of precipitation in the preceding 48 hour period prior to the consultant's site visits.

C. Additional comments to support AJD: N/A.