



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): 12-AUG-2021

ORM Number: MVK-2021-00698-TB

Associated JDs: N/A or ORM numbers and identifiers (e.g. HQS-2020-00001-MSW-MITSITE)

Review Area Location¹:

State/Territory: LA City: County/Parish/Borough: Caddo Parish

Center Coordinates of Review Area: Latitude 32.838908 Longitude -93.959265

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
Intermittent Stream	5342.1154 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature flows more than indirect response to precipitation events and has an approximate drainage area of 1000 acres.
Intermittent Stream1	3463.4832 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	Feature flows more than indirect response to precipitation events and has an approximate drainage area of 300 acres.

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
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N/A	N/A	N/A	N/A
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Adjacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
Emergent Wetland3	0.11 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	Feature is separated from another (a)(4) wetland via an artificial berm that allows for a hydrological connection in a typical year.
Emergent Wetland4	0.22 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature abuts an (a)(2) water/intermittent stream.
Emergent Wetland5	0.05 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature abuts an (a)(2) water/intermittent stream.
Forested Wetland04	0.27 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature continues outside of the project area to abut an (a)(2) water.
Forested Wetland05	0.89 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature abuts an (a)(2) water/intermittent stream.
Forested Wetland08	0.74 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	Feature abuts an (a)(2) water/intermittent stream.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))⁴:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
Emergent Wetland1	0.38 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Emergent Wetland2	0.26 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Emergent Wetland6	0.64 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Emergent Wetland7	0.14 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Ephemeral Stream01	410.7741 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully,	Feature flows in direct response to precipitation events and has a small drainage area.

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		rill, or pool	
Ephemeral Stream02	1356.7708 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream03	597.6681 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream04	570.2213 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream05	1654.0864 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream06	594.2607 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream07	462.4158 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream08	394.4921 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream09	483.0876 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream10	500.9319 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream11	3862.4992 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream12	328.0393 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream13	1410.6111 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream14	1256.0852 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream15	224.8119 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream16	622.6887 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream17	119.3019 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Ephemeral Stream18	524.5979 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.

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Ephemeral Stream19	1209.3894 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	Feature flows in direct response to precipitation events and has a small drainage area.
Forested Wetland01	0.17 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland02	1.02 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland03	1.24 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland06	0.2 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland07	0.08 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland09	2.63 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland10	0.75 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland11	0.42 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested	0.54 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not

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Wetland12			inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Forested Wetland13	0.45 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.
Scrub Shrub Wetland	0.21 acres	(b)(1) Non-adjacent wetland	Feature does not abut an (a)(1) – (a)(3) water, is not inundated by flooding in a typical year nor is it separated by only a natural or artificial berm from an (a)(1) – (a)(3) water. The only surface water connection that exists is ephemeral in nature; therefore, it is not jurisdictional.

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: *Headwaters, Inc JD report*. This information (is) sufficient for purposes of this AJD.

Rationale: *N/A or describe rationale for insufficiency (including partial insufficiency).*

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

☒ Photographs: *(Google Earth Pro and Delineation Report Photos).*

☐ Corps Site visit(s) conducted on: *Date(s).*

☐ 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: *2020*

☒ USFWS NWI maps: *2021.*

☒ USGS topographic maps: *Various.*

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): Conditions were wetter than normal at the time of the consultant's site visits from 7/26/2021 - 7/28/2021.

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C. Additional comments to support AJD: Concur with Wetland Delineation Report, including all desk top information in the report.

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