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): 18-SEP-2020
ORM Number: MVK-2009-01628-CDP
Associated JDs: N/A or ORM numbers and identifiers (e.g. HQS-2020-00001-MSW-MITSITE)
Review Area Location[1]:
State/Territory: LA City: County/Parish/Borough: Natchitoches Parish
Center Coordinates of Review Area: Latitude 32.0122 Longitude -93.1002

## 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 |
|---|---|---|---|
| I-1 | 641.9195 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-10 | 77.5508 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-2 | 1797.1249 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |

[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 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.

| | | | |
|---|---|---|---|
| I-3 | 375.0643 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-4 | 6016.8955 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-5 | 816.8973 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-6 | 5851.6465 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-7 | 682.0125 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-8 | 509.3587 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |
| I-9 | 1193.4328 feet | (a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year | Tributary contributes surface water flow to a a(1) water in a typical year and flows more than in direct response to precipitation. |

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 |
|---|---|---|---|
| E-1 | 159.9313 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-10 | 289.1799 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-11 | 891.7503 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |

[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 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.

| | | | |
|---|---|---|---|
| E-12 | 857.1009 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-13 | 1177.271 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-14 | 3197.6233 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-15 | 495.7325 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-16 | 682.0527 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-17 | 709.5545 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-18 | 2980.4617 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-19 | 339.1517 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-2 | 1353.8652 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-20 | 148.9453 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-21 | 2483.915 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-22 | 923.8575 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-23 | 514.5926 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-24 | 408.53 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-25 | 213.8219 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-26 | 606.8646 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-27 | 1001.4564 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-28 | 1870.1116 feet | (b)(3) Ephemeral feature, including | Feature only flows in direct response to rainfall. Small |

[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 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.

| | | | |
|---|---|---|---|
| | | an ephemeral stream, swale, gully, rill, or pool | Drainage area. No flow under normal conditions |
| E-29 | 602.7984 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-3 | 1702.0931 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-30 | 769.3015 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-31 | 426.547 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-32 | 615.2011 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-33 | 611.6751 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-34 | 223.7542 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-35 | 341.2727 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-36 | 243.7447 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-37 | 1035.2862 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-38 | 889.4344 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-39 | 1416.6953 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-4 | 388.5359 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-40 | 398.8523 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-41 | 1820.7493 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-42 | 1190.6229 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-43 | 1759.7853 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |

[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 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.

| | | | |
|---|---|---|---|
| | | rill, or pool | |
| E-46 | 1010.443 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-47 | 1615.004 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-48 | 655.3946 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-49 | 378.2728 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-5 | 643.6883 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-50 | 650.6712 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-51 | 293.4654 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-57 | 1350.6567 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-58 | 112.086 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-59 | 537.5916 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-6 | 1625.3924 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-60 | 776.2147 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-7 | 1252.1925 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-8 | 1703.4573 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| E-9 | 775.885 feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool | Feature only flows in direct response to rainfall. Small Drainage area. No flow under normal conditions |
| Wet-1 | 0.0209 acres | (b)(1) Non-adjacent wetland | Wetland is not abutting an a(1) – a(3) water. It's only connection is the ephemeral feature which meets the b(3) exclusion and can't be used to establish jurisdiction for wetlands. |
| Wet-10 | 0.6301 acres | (b)(1) Non-adjacent wetland | Wetland is not abutting an a(1) – a(3) water. It's only connection is the ephemeral feature which meets the |

[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 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.

| | | | |
|---|---|---|---|
| | | | b(3) exclusion and can't be used to establish jurisdiction for wetlands. |
| Wet-6 | 0.2663 acres | (b)(1) Non-adjacent wetland | Wetland is not abutting an a(1) – a(3) water. It's only connection is the ephemeral feature which meets the b(3) exclusion and can't be used to establish jurisdiction for wetlands. |
| Wet-7 | 0.1231 acres | (b)(1) Non-adjacent wetland | Wetland is not abutting an a(1) – a(3) water. It's only connection is the ephemeral feature which meets the b(3) exclusion and can't be used to establish jurisdiction for wetlands. |
| Wet-8 | 0.3661 acres | (b)(1) Non-adjacent wetland | Wetland is not abutting an a(1) – a(3) water. It's only connection is the ephemeral feature which meets the b(3) exclusion and can't be used to establish jurisdiction for wetlands. |

## 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: *Aquatic resource information submitted in April 2017. Updated shapefiles provided in August 2020 by applicant.*
_ This information is sufficient for purposes of this AJD.
Rationale: *N/A*

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

_X_ Photographs: *(NA, aerial, other, aerial and other) ESRI provided aerial photographs*

_X_ Corps Site visit(s) conducted on: *March 2017 and February 2020 site visits*

_X_ Previous Jurisdictional Determinations (AJDs or PJDs): *MVK-2009-1628- April 12, 2010 PJD, April 24, 2017 PJD*

___ Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*

_X_ USDA NRCS Soil Survey: *USDA soil shapefiles*

_X_ USFWS NWI maps: *Accessed September 2020 webservice*

___ USGS topographic maps: *Title(s) and/or date(s).*

**Other data sources used to aid in this determination:**

| Data Source (select) | Name and/or date and other relevant information |
|---|---|
| USGS Sources | National Hydrography Dataset. |
| 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):** N/A or provide typical year assessment for each relevant data source used to support the conclusions in the AJD. Not needed in this case.

[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 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.

**C. Additional comments to support AJD:** 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.
[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.