



**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): 9/10/2020

ORM Number: NWK-2020-00708

Associated JDs: N/A

Review Area Location¹: State/Territory: Kansas City: Berryton County/Parish/Borough: Shawnee

Center Coordinates of Review Area: Latitude 38.96909 Longitude -95.61517

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 |
| N/A. | N/A. | N/A. | N/A. |

| 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. |

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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D. Excluded Waters or Features

| Excluded waters ((b)(1) – (b)(12)): ⁴ | | | | |
|--|----------------|-------------|---|--|
| Exclusion Name | Exclusion Size | | Exclusion ⁵ | Rationale for Exclusion Determination |
| #1 – Unnamed ephemeral stream | 1,000 | linear feet | (b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool. | <p>The JD review area contains a first order unnamed ephemeral stream. The review reach is located at the top of the watershed with only 132 acres of drainage above it. Review of aerial imagery from multiple dates show no evidence of any sustained continuous flows.</p> <p>In reviewing available aerial imagery on Google Earth Pro, it appears that the stream exhibits an ephemeral flow regime (flowing for short durations in direct response to precipitation runoff).</p> <p>The Corps completed a typical year analysis by running Antecedent Precipitation Tool (APT) reports for June 2, 2018, August 3, 2017 and October 22, 2016. These reports correlate with aerial imagery from Google Earth Pro where no flows were captured. The APT indicates that these images were captured during “Drier than Normal”, “Wetter than Normal”, and “Normal Conditions.”</p> <p>Based upon review of this information, it is determined that the unnamed stream does not provide intermittent flow in a typical year and is an excluded ephemeral feature.</p> |

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: **PCN package sent on September 9, 2020**

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: **Select. Title(s) and/or date(s).**
- Corps site visit(s) conducted on: **Date(s).**
- Previous Jurisdictional Determinations (AJDs or PJDs): **ORM Number(s) and 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.

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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- 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: 1:24K, Richland -KS

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 | Google Earth Aerial Imagery |

B. Typical year assessment(s): The stream provides ephemeral flows in a typical year. APT assessments were ran for each of the following dates in which no flows were observed in the stream:
 June 2, 2018 – “Drier than normal conditions”
 August 3, 2017 – “Wetter than normal conditions”
 October 22, 2016 – “Normal conditions”

C. Additional comments to support AJD: The first order headwater stream drains 132 acres above the JD review reach. The flows are ephemeral in nature during a typical year. Flows only occur during and shortly after a runoff event. Therefore, the ephemeral feature is excluded from Section 404 CWA jurisdiction.