



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): 29-JAN-2021

ORM Number: SWT-2021-00060

Associated JDs: SWT-2008-552

Review Area Location¹:

State/Territory: OK City: Tinker AFB County/Parish/Borough: Oklahoma County

Center Coordinates of Review Area: Latitude 35.410447 Longitude -97.391424

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
SWT-2021-0060-01	1800 feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year	This review area is sited within the Tinker Air Force Base (AFB); the site has been extensively modified due to the concentrated development in the AFB. The changes to the drainage area have increased the potential storm water runoff which contributes to the stream being evaluated. This evaluation includes the review of aerial imagery, USGS topographic mapping, and NWI data. The stream channel is depicted on the USGS Topographic map as a blue line stream. The drainage area is approximately 350 acres. Oklahoma County rainfall averages 36 inches a year. Based on the Antecedent Precipitation Tool (APT) report, the site

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 and 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.



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			is exhibiting normal precipitation conditions, however the graph for the last nine months depicts wetter than average conditions. This feature is likely to have a localized water table associated due to the presence of a mapped forested wetland, and evidence of visible water throughout the year, which may increase its seasonal flow duration. There is the presence of a visible natural channel in aerial imagery and confirmed in site photos, the average channel width is approximately 12 feet. Based on information from the AFB, the site is likely influenced by beavers impounding the stream. This tributary has been determined as an intermittent tributary, immediately downstream of the confluence of two headwater ephemeral streams.
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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
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
SWT-2020-0060-04	2.98 acres	(a)(4) Wetland abuts an (a)(1)-(a)(3) water	This wetland was mapped as part of the original wetland delineation for this site, meeting the definition of a wetland under the Clean Water Act. This area is visibly inundated in numerous aerial imagery, supporting that this area is in fact a wetland. This wetland directly abuts the intermittent tributary within the review area, resulting in this wetland being jurisdictional.

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))⁴:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
SWT-2020-0060-03	1000 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The stream channel is depicted on the USGS Topographic map as a blue line stream. There is the presence of a visible natural channel in aerial and site photography. The drainage area for this feature is approximately 50 acres. This stream is a headwater stream (first order) and based on the information included in this evaluation, this stream has been determined to have surface water flowing/pooling only in direct response to precipitation.
SWT-2021-0060-02	1700 feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool	The stream channel is depicted on the USGS Topographic map as a blue line stream. There is the presence of a visible natural channel in aerial and site photography. The drainage area for this feature is approximately 300 acres. This stream is a headwater stream (first order) and based on the information included in this evaluation, this stream has been determined to have surface water flowing/pooling only

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			in direct response to precipitation.
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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 request packet, January 7, 2021*

This information is sufficient for purposes of this AJD.

Rationale: *N/A*

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

Photographs: *Google Earth aerial imagery, 2013-2018; Site photos dated January 8, 2021.*

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

Previous Jurisdictional Determinations (AJDs or PJDs): *SWT-2008-552, September 17, 2008*

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

USDA NRCS Soil Survey: *Title(s) and/or date(s)*.

USFWS NWI maps: *ORM Data accessed January 27, 2021*

USGS topographic maps: *ORM Data accessed January 27, 2021*

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 APT tool was ran for January 27, 2021, which corresponds with this evaluation. The results of this report concluded that the site conditions are normal with a value of 14. The graph depicts conditions for approximately 7 months of the year, and the 30 year rolling average. This tool supports the conclusion of this determination.

C. Additional comments to support AJD: The review area is within the Tinker AFB, and contains an unnamed tributary to Crutcho Creek, which was determined to be jurisdictional. The unnamed tributary has two ephemeral streams which flow directly into the jurisdictional tributary, both ephemeral streams are non-jurisdictional. The site also has a forested wetland which directly abuts the jurisdictional tributary.

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