APPROVED JURISDICTIONAL DETERMINATION FORM **U.S. Army Corps of Engineers**

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I: BACKGROUND INFORMATION

REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 8 FEB 2022 A.

DISTRICT OFFICE, FILE NAME, AND NUMBER: SWT-2021-00579 B.

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State:OK County/parish/borough: Canadian County City: Piedmont Center coordinates of site (lat/long in degree decimal format): Lat. 35.592773° N, Long. -97.767297° W. Universal Transverse Mercator:

Name of nearest waterbody: Deer Creek

Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Arkansas River

Name of watershed or Hydrologic Unit Code (HUC): 1105000208

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request. \boxtimes

 \Box Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

Office (Desk) Determination. Date: 19 JAN 2022

Field Determination. Date(s): 13 JAN 2022

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There Pick List "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

Waters subject to the ebb and flow of the tide.

Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. Explain:

B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There Are "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

1. Waters of the U.S.

- a. Indicate presence of waters of U.S. in review area (check all that apply): ¹
 - TNWs, including territorial seas
 - Wetlands adjacent to TNWs
 - Relatively permanent waters² (RPWs) that flow directly or indirectly into TNWs
 - Non-RPWs that flow directly or indirectly into TNWs
 - Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
 - Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
 - Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
 - Impoundments of jurisdictional waters

Isolated (interstate or intrastate) waters, including isolated wetlands

b. Identify (estimate) size of waters of the U.S. in the review area:

Non-wetland waters: R4SB-1-1,730 linear feet: 8 width (ft) and/or 0.31 acre, R4SB-2-322 linear feet: 8 width (ft) and/or 0.06

acres.

Wetlands: acres.

- c. Limits (boundaries) of jurisdiction based on: Established by OHWM. Elevation of established OHWM (if known):
- Non-regulated waters/wetlands (check if applicable):³ 2

Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain: Within the review area, the delineated features R6-2 (323 lf) and R6-1a (823 lf) were determined to be ephemeral drainage features that lacked a bed and bank, OHWM, and hydrology consistent with that of a stream. Therefore, R6-2 and R6-1a were not considered waters of the U.S. Within the review area, the delineated feature R6-1 (296 lf) was determined to be a non-jurisdictional ephemeral stream channel that lacks sufficient functions and

¹ Boxes checked below shall be supported by completing the appropriate sections in Section III below.

² For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

Supporting documentation is presented in Section III.F.

connectivity to a downstream Traditionally Navigable Water (TNW) to meet the significant nexus standard. Within the review area, the delineated feature PUB-1 (0.31 acre) was determined to be a non-jurisdictional impoundment of R6-1 that was constructed prior to 1964 for the purpose of watering livestock.

SECTION III: CWA ANALYSIS

A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW

Identify TNW:

Summarize rationale supporting determination:

2. Wetland adjacent to TNW

Summarize rationale supporting conclusion that wetland is "adjacent":

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody⁴ is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

 (i) General Area Conditions: Watershed size: 380.34square miles Drainage area: 954 acres Average annual rainfall: 33.37 inches Average annual snowfall: 6.4 inches

(ii) Physical Characteristics:

(a) <u>Relationship with TNW:</u>
 ☐ Tributary flows directly into TNW.
 ☑ Tributary flows through 4 tributaries before entering TNW.

Project waters are 30 (or more) river miles from TNW.
Project waters are 1 (or less) river miles from RPW.
Project waters are 30 (or more) aerial (straight) miles from TNW.
Project waters are 1 (or less) aerial (straight) miles from RPW.
Project waters cross or serve as state boundaries. Explain: N/A.

Identify flow route to TNW⁵: R4SB-1 and R4SB-2 contribute flow to the unnamed tributary of Deer Creek, Deer Creek, Cottonwood Creek, the Cimarron River, and the Arkansas River, a Section 10 TNW.

⁴ Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

⁵ Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

Tributary stream order, if known: 2ND order.

(b)	General Tributary Characterist	ics (check all that apply):	
(-)	Tributary is: X Natural	· · · · · · · · · · · · · · · · · · ·	
	r 🗍 Artifici	al (man-made). Explain:	
	🗌 Manipu	ilated (man-altered). Explain: .	
	Tributary properties with respect to top of bank (estimate):		
	Average width: 8 feet		
	Average depth: 3 feet		
	Average side slopes: 3:1.		
	Primary tributary substrate con	nposition (check all that apply):	
	⊠ Silts	Sands	Concrete
	🔀 Cobbles	🗙 Gravel	🛛 Muck
	Bedrock [Vegetation. Type/% cover:	
	Other. Explain:		

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: R4SB-1 and R4SB-2 were observed to have vegetated stable banks with the only area of erosion ocurring where cattle were crossing/watering within the stream. Presence of run/riffle/pool complexes. Explain: None were observed.

Tributary geometry: Meandering

Tributary gradient (approximate average slope): 3 %

(c) Flow:

Tributary provides for: Seasonal flow

Estimate average number of flow events in review area/year: 20 (or greater)

Describe flow regime: During the site visit and during the provided lentic and lotic waterbodies delineation

performed by the applicant hired consultant, R4SB-1 and R4SB-2 were observed to exhibit flowing water, a defined bed and bank, and an OHWM consistent with that of an intermittent/seasonal flow regime.

Other information on duration and volume: R4SB-1 and R4SB-2 exhibit seasonal flow that is influenced by rain events and the water table.

Surface flow is: **Confined**. Characteristics: Most flow is contained within the defined stream channels that were delineated within the review area (R4SB-1 and R4SB-2).

Subsurface flow: **Unknown**. Explain findings:

Dye (or other) test performed:	
Tributary has (check all that apply):	 the presence of litter and debris destruction of terrestrial vegetation the presence of wrack line sediment sorting scour multiple observed or predicted flow events abrupt change in plant community
If factors other than the OHWM were used to determi High Tide Line indicated by: oil or scum line along shore objects fine shell or debris deposits (foreshore) physical markings/characteristics tidal gauges other (list):	ne lateral extent of CWA jurisdiction (check all that apply): Mean High Water Mark indicated by: survey to available datum; physical markings; vegetation lines/changes in vegetation types.

(iii) Chemical Characteristics:

⁶A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break. ⁷Ibid.

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.).
 Explain: R4SB-1 and R4SB-2 were both observed to contain clear flowing water with some areas of slightly redish water where cattle had appeared to cross the stream disturbing the clay substrate.
 Identify specific pollutants, if known:

(iv) Biological Characteristics. Channel supports (check all that apply):

- Riparian corridor. Characteristics (type, average width): Forested, 70 ft average width.
- Wetland fringe. Characteristics:
- Habitat for:
 - Federally Listed species. Explain findings:
 - Fish/spawn areas. Explain findings:
 - Other environmentally-sensitive species. Explain findings:

Aquatic/wildlife diversity. Explain findings: The unnamed tributaries within the review area are utilized by various wildlife species to include deer, turkey, hogs, frogs, snakes, and salamanders. Additionally, aquatic macroinvertebrates were observed within the streams.

2. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW

(i) Physical Characteristics:

- (a) <u>General Wetland Characteristics:</u>
 - Properties: Wetland size: acres Wetland type. Explain: ... Wetland quality. Explain: Project wetlands cross or serve as state boundaries. Explain:
- (b) <u>General Flow Relationship with Non-TNW</u>: Flow is: **Pick List**. Explain:

Surface flow is: Pick List Characteristics:

Subsurface flow: **Pick List**. Explain findings:

- (c) <u>Wetland Adjacency Determination with Non-TNW:</u>
 - Directly abutting
 - Not directly abutting
 - Discrete wetland hydrologic connection. Explain:
 - Ecological connection. Explain:
 - Separated by berm/barrier. Explain:

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW. Project waters are **Pick List** aerial (straight) miles from TNW. Flow is from: **Pick List**. Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) Chemical Characteristics:

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain:

Identify specific pollutants, if known:

(iii) Biological Characteristics. Wetland supports (check all that apply):

- Riparian buffer. Characteristics (type, average width):
- Vegetation type/percent cover. Explain:
- Habitat for:
 - Federally Listed species. Explain findings:
 - Fish/spawn areas. Explain findings:
 - Other environmentally-sensitive species. Explain findings:
 - Aquatic/wildlife diversity. Explain findings:

3. Characteristics of all wetlands adjacent to the tributary (if any)

All wetland(s) being considered in the cumulative analysis: **Pick List** Approximately () acres in total are being considered in the cumulative analysis. For each wetland, specify the following:

Directly abuts? (Y/N) Size (in acres)

Directly abuts? (Y/N)

Size (in acres)

Summarize overall biological, chemical and physical functions being performed:

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

- 1. Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs. Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D: The review area contains a non-RPW tributary (R6-1, 296 lf), which is best characterized as an ephemeral headwater that experiences flow during and immediatley after rain events. This feature has been determined exhibit ephemeral flow based on field observations and the limited frequency and volume of flow anticipated from the 84 acre drainage area. This stream does not have a ground water influence due to the landscape setting (headwater). Additionally, R6-1 was observed to have been impounded (PUB-1) without an outflow pipe at some point prior to 1964 for the purpose of watering livestock. Because of this, the former downstream portion of R6-1 has lost all indicators of hydrology and has become completely vegetated throughout. R6-1 has now created an erosional feature within the uplands that traverses from the Northwest corner of PUB-1 westward before converting to overland sheet flow. Therefore, due to R6-1's lack of connectivity and less than speculative or insubstantial benefit to the Arkansas River (TNW), which is located approximatley 180 river miles from this water, R6-1 does not meet the significant nexus standard set within the Raponos Guidance document.
- 2. Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs. Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:
- **3.** Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW. Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

TNWs and Adjacent Wetlands. Check all that apply and provide size estimates in review area:
 TNWs: linear feet width (ft), Or, acres.
 Wetlands adjacent to TNWs: acres.

RPWs that flow directly or indirectly into TNWs. 2.

- Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial:
- Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: R4SB-1 and R4SB-2 are mapped on USGS Topographic, NHD, and USFWS NWI Maps as being intermittent stream channels. Both unnamed tributaries of Deer Creek were observed contributing downstream flow during the applicant provided delineation and during the Regulatory site visit.
 - Provide estimates for jurisdictional waters in the review area (check all that apply):
 - Tributary waters: 2,052 linear feet 8 width (ft).
 - Other non-wetland waters: acres.
 - Identify type(s) of waters:

Non-RPWs⁸ that flow directly or indirectly into TNWs. 3.

Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional waters within the review area (check all that apply):

- Tributary waters: linear feet width (ft).
- \Box Other non-wetland waters:
 - acres. Identify type(s) of waters:

Wetlands directly abutting an RPW that flow directly or indirectly into TNWs. 4.

Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.

- Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:
- Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW:

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs. 5.

Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisidictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs. 6.

Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

Impoundments of jurisdictional waters.⁹

- As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.
- Demonstrate that impoundment was created from "waters of the U.S.," or
- Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
- Demonstrate that water is isolated with a nexus to commerce (see E below).

⁸See Footnote # 3.

⁹ To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

Ε.	ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY): ¹⁰ which are or could be used by interstate or foreign travelers for recreational or other purposes. from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. which are or could be used for industrial purposes by industries in interstate commerce. Interstate isolated waters. Explain: Other factors. Explain:
	Identify water body and summarize rationale supporting determination:
	 Provide estimates for jurisdictional waters in the review area (check all that apply): Tributary waters: linear feet width (ft). Other non-wetland waters: acres. Identify type(s) of waters: . Wetlands: acres.
F.	 NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY): If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements. Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce. Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR). Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: The review area contains an ephemeral stream, R6-1 (296 lf), that was determined to lack sufficient findings of a significant nexus to the downstream TNW, the Arkansas River. Other: (explain, if not covered above): PUB-1 (0.31 acre) is a non-jurisdictional livestock pond that is not connected to DTUS. R6-2 (323 lf) and R6-1a (823 lf) are non-jurisdictional ephemeral drainages that lack the characteristics of a stream.
	Provide acreage estimates for non-jurisdictional waters in the review area, where the <u>sole</u> potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply): Non-wetland waters (i.e., rivers, streams): linear feet width (ft). Lakes/ponds: acres. Other non-wetland waters: acres. List type of aquatic resource: . Wetlands: acres.
	 Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply): Non-wetland waters (i.e., rivers, streams): R6-1: 296 linear feet, 6 width (ft). Lakes/ponds: PUB-1, 0.31 acres. Other non-wetland waters: acres. List type of aquatic resource: . Wetlands: acres.
<u>SEC</u>	CTION IV: DATA SOURCES.

A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant:
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
 - \boxtimes Office concurs with data sheets/delineation report.
 - Office does not concur with data sheets/delineation report.
 - Data sheets prepared by the Corps:
- Corps navigable waters' study:
- U.S. Geological Survey Hydrologic Atlas:
 - USGS NHD data.
 - $\overline{\boxtimes}$ USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name:Richland, OK (1:24,000).

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¹⁰ Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

National wetlands inventory map(s). Cite name:USFWS NWI Map.

State/Local wetland inventory map(s):

FEMA/FIRM maps:

100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)

Photographs: 🖾 Aerial (Name & Date):Google Earth 1995-2020; Historical Aerial 1964-2017.

or Other (Name & Date):Lentic and Lotic Waterbody and Wetland Delineation Study(Nov. 17, 2021) and Site Visit Photos (Jan. 13, 2022).

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Previous determination(s). File no. and date of response letter:

Previous determination(s). File 1
 Applicable/supporting case law:

Applicable/supporting scientific literature:

Other information (please specify):Oklahoma Climatological Survey, USGS Stream Stats.

B. ADDITIONAL COMMENTS TO SUPPORT JD: The review area is approximately 80 acres and contains two jurisdictional relatively permanent streams (R4SB-1 and R4SB-2). The review area also contains two non-jurisdictional ephemeral drainage features that lack the hydrologic characteristics of a stream channel (R6-2 and R6-1a) and a non-jurisdictional livestock pond (PUB-1) that is not an impoundment of WOTUS and does not have a downstream connection to WOTUS. Additionally, a non-jurisdictional ephemeral stream channel (R6-1) was delineated within the review area that was determined to lack a clear connection or significant nexus to the downstream TNW.