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

Α.	REPORT COMPLETION DATE FOR	APPROVED JURISDICTIONAL	DETERMINATION (JD):	September 29, 2016
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B.	DISTRICT OFFICE.	FILE NAME.	AND NUMBER:	Tulsa District	Bedlam Hunts.	SWT-2015-700

B.	DISTRICT OFFICE, FILE NAME, AND NUMBER: Tulsa District, Bedlam Hunts, SWT-2015-700
C.	PROJECT LOCATION AND BACKGROUND INFORMATION: State: Oklahoma County/parish/borough: Lincoln City: Chandler Center coordinates of site (lat/long in degree decimal format): Lat. 35.664988° N, Long96.89259° E. Universal Transverse Mercator: 14 Name of nearest waterbody: The confluence of Bellcow Creek and the Deep Fork of Canadian River. Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Eufaula Lake Name of watershed or Hydrologic Unit Code (HUC): 11100303 Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request. 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: November 6, 2015 ☐ Field Determination. Date(s): September 13, 2016
SEC A.	CTION II: SUMMARY OF FINDINGS RHA SECTION 10 DETERMINATION OF JURISDICTION.
	re are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review in [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:
В.	CWA SECTION 404 DETERMINATION OF JURISDICTION.
The	re 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): TNWs, including territorial seas Wetlands adjacent to TNWs Relatively permanent waters ² (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
Dee	Wetlands: 194 acres.
	c. Limits (boundaries) of jurisdiction based on: Established OHWM and 1987 Delineation Manual Elevation of established OHWM (if known):
	2. Non-regulated waters/wetlands (check if applicable): Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:

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).

³ Supporting documentation is presented in Section III.F.

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: 7,245 acres Drainage area: 2716 acres

Average annual rainfall: 39.41 inches - Oklahoma Mesonet Average

Average annual snowfall: 7.4 inches – Weather DB

(ii) Physical Characteristics:

(a) Relationship with TNW:

Tributary flows directly into TNW.

Tributary flows through 2 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.

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

Identify flow route to TNW⁵: Bellcow Creek and it's unnamed tributaries flow into Deep Fork River before it discharges into the Canadian River, TNW. The unnamed tributaries flow into the Deep Fork River before it discharges into the Canadian River, TNW.

Tributary stream order, if known: Bellcow River 2, unnamed tributary 1. Unnamed tributary 1, Deep Fork River 3, Canadian River 4. General Tributary Characteristics (check all that apply): Tributary is: Natural Artificial (man-made). Explain: Construction of a temporary dam structure. Manipulated (man-altered). Explain: Levees has been constructed to prevent the overflow of the Bellcow River and the Deep Fork River. **Tributary** properties with respect to top of bank (estimate): Average width: 25 feet Average depth: 10 feet Average side slopes: 2:1 Primary tributary substrate composition (check all that apply): Sands ☐ Concrete ⊠ Silts Cobbles Gravel Muck ☐ Bedrock ☐ Vegetation. Type/% cover: Other, Explain: Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: Highly eroding and sloughing banks. Presence of run/riffle/pool complexes. Explain: Pool Complexes. Tributary geometry: Relatively straight Tributary gradient (approximate average slope): 1% Flow: Tributary provides for: Intermittent but not seasonal flow Estimate average number of flow events in review area/year: Describe flow regime: Intermittent, continuous Other information on duration and volume: Surface flow is: Confined. Characteristics: Subsurface flow: **Pick List**. Explain findings: Dye (or other) test performed: Tributary has (check all that apply): Bed and banks OHWM⁶ (check all indicators that apply): □ clear, natural line impressed on the bank □ the presence of litter and debris A changes in the character of soil П destruction of terrestrial vegetation ⊠ shelving the presence of wrack line vegetation matted down, bent, or absent \boxtimes sediment sorting leaf litter disturbed or washed away \boxtimes scour \boxtimes sediment deposition multiple observed or predicted flow events water staining abrupt change in plant community other (list): ☐ Discontinuous OHWM.⁷ Explain: If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply): High Tide Line indicated by: Mean High Water Mark indicated by: oil or scum line along shore objects survey to available datum; fine shell or debris deposits (foreshore) physical markings; physical markings/characteristics vegetation lines/changes in vegetation types. tidal gauges other (list):

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. 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

(iii) Chemical Characteristics:

Characterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.). Explain: Water is color is clear and water quality is good.

Identify specific pollutants, if known: The stream channel has the potential to transport petroleum based products during flow events to RPW waters and on to the TNW. The know pollutants are associated with agricultural waste water pollution above the stream channel. If the upland structures are constructed properly and erosion control measures are in place, the return water should not be source of contaminants.

$\overline{}$	logical Characteristics. Channel supports (check all that apply): Riparian corridor. Characteristics (type, average width): The forested riparian area is located on both banks of Bellcov
	Wetland fringe. Characteristics: The wetland area is beneficial to wading fish, aquatic life, migration and h and animals. This wetland prevent flooding and clean the water by filtering out sedimentation, decomposing vegetative
	ting chemicals into useable form to recycle nutrients. Habitat for: Federally Listed species. Explain findings: Fish/spawn areas. Explain findings: Other environmentally-sensitive species. Explain findings:
wildlife diversity.	Aquatic/wildlife diversity. Explain findings: The wetland area is designed to be beneficial to the aquatic and
2 <mark>. Charact</mark>	teristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW
	ysical Characteristics: General Wetland Characteristics: Properties:
emergent wet	Wetland size: 107 acres Wetland type. Explain: PSS1F, PEM1F, and PFOIC. There are forested wetlands, scrub shrub, and herbaceous lands in the moist soil management. Wetland quality. Explain: The wetlands are good quality within this area. Project wetlands cross or serve as state boundaries. Explain:
	General Flow Relationship with Non-TNW: Flow is: Intermittent flow. Explain: All wetlands within the review area are directly associated with perennial stream tent stream channel. The drainage area is approximately 112 acres and the unnamed tribtuary of Bellcow Creek.
	Surface flow is: Discrete Characteristics:
	Subsurface flow: Unknown . Explain findings:
(c)	Wetland Adjacency Determination with Non-TNW: ☐ Directly abutting ☐ Not directly abutting ☐ Discrete wetland hydrologic connection. Explain: The wetland area is connected through annual practice of
channel that f	a small earthen dam in Bellcow Creek on the eastern border of their property in order to build head within the creek facilitates diversion of stream flows through gated culverts built within the levee surrounding their wetland basin. Ecological connection. Explain: Separated by berm/barrier. Explain: The man-made cut in Bellcow Creek and constructed a temporary earthen is the stream channel into the Bedlam Hunt wetland area.
(d)	Proximity (Relationship) to TNW

Project wetlands are 30 (or more) river miles from TNW.

Project waters are 30 (or more) aerial (straight) miles from TNW.

Flow is from: Wetland to navigable waters.

Estimate approximate location of wetland as within the 50 - 100-year 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: Water color is clear and the water quality was good. Identify specific pollutants, if known: No polluntants were identified.

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

Riparian buffer. Characteristics (type, average width):Forested Wetlands and mixed hardward.

✓ Vegetation t✓ Habitat for:	ype/percent cover. Explain: 50%.
<u>—</u>	y Listed species. Explain findings: .
<u>—</u>	wn areas. Explain findings:
Other en	vironmentally-sensitive species. Explain findings: .
<u> </u>	wildlife diversity. Explain findings: Moist-soil habitats are typically wet in spring, dry in summer, and wet
again in fall and winter. Well-m	anaged moist-soil wetlands can produce seed for waterfowl.
3. Characteristics of all	wetlands adjacent to the tributary (if any)
All wetland(s) be	ing considered in the cumulative analysis: 3
Approximately ((194) 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)
No	30	No	57
Yes	107		

Summarize overall biological, chemical and physical functions being performed: The wetland areas have the potential to transfer nutrients and organic carbons to downstream food webs. The wetland area also collect and transport water and sediment. and provide nutrient cycling, sediment retention, filtration which would improve water quality to the TNW. The wetland in this area is located adjacent in the Bellow Creek and unnamed tributary, Deep Fork River and its unnamed tributaries in the flood plain which directly abuts an RPW and TNW (Canadian River). Floodwaters and pollutants will flow from this wetland through the unnamed tributary while maintaining a hydrological connection to the Bellcow Creek, Deep Fork River before is discharges into the Eufaula Lake, a TNW.

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:

- 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:
- 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:
- 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: The adjacent wetlands to the perennial tributary are approximately 107 acres in size protecting a levee surrounding a

wetland area. The unnamed tributary of Bellcow Creek has been modified and the levee has be cut to divert from a earthen dam to temporary flow Bellcow to the Bedlam Hunts wetland area.

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

1.	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.
2.	RPWs that flow directly or indirectly into TNWs. ☐ Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: Both are two perennial tributaries Bellcow Creek, Deep Fork River, and unnamed tributary of Bellcow Creek) are in the review area . All of the stream channels are identified on the USGS, Lincoln County Soils map, and the NWI map. All of the stream channels as a "blue line" perennial tributary. During the Corps site visit, the tributary was flowing through a moderately incised channel observed during the Corps site assessment. ☐ 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:
Riv	Provide estimates for jurisdictional waters in the review area (check all that apply): Tributary waters: Bellcow Creek 1,900 linear feet, unnamed tributary of Bellcow Creek 6,350 linear feet and Deep Fork ver 4,900 linear feet 10 width (ft). Other non-wetland waters: acres. Identify type(s) of waters: .
3.	Non-RPWs ⁸ that flow directly or indirectly into TNWs. 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). Other non-wetland waters: acres. Identify type(s) of waters: .
4.	 Wetlands directly abutting an RPW that flow directly or indirectly into TNWs. ☑ 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: These wetlands were influenced by NRCS. ☑ 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: The wetland area is connected through annual practice of constructing a small earthen dam in Bellcow Creek on the eastern border of their property in order to build head within the creek channel that facilitates diversion of stream flows through gated culverts built within the levee surrounding their wetland basin.
	Provide acreage estimates for jurisdictional wetlands in the review area: 107 acres.
5.	Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs. 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: 87 acres.

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

⁸See Footnote # 3.

	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.
7.	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).
DIE SU	CHATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, GRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY CH 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:
Pro	entify water body and summarize rationale supporting determination: ovide 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.
Pro	ON-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: Other: (explain, if not covered above): Other: (explain, if not covered above): vide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR tors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional gment (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. wide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such nding is required for jurisdiction (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.

SECTION IV: DATA SOURCES.

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

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.

ı. Sı	JPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked
a	and requested, appropriately reference sources below):
	Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: ORM Database.
[Data sheets prepared/submitted by or on behalf of the applicant/consultant.
	Office concurs with data sheets/delineation report.
	Office does not concur with data sheets/delineation report.
	Data sheets prepared by the Corps:
Ī	Corps navigable waters' study: Canadian River Navigable Water Study.
Ī	U.S. Geological Survey Hydrologic Atlas: Bellcow Creek 1110030308 and Deep Fork River 1110030009.
	USGS NHD data.
	USGS 8 and 12 digit HUC maps.
	U.S. Geological Survey map(s). Cite scale & quad name: Chandler, OK 7.5 Minute Quad.
Ī	USDA Natural Resources Conservation Service Soil Survey. Citation: Lincoln County Soil Maps.
	National wetlands inventory map(s). Cite name:ORM Data - PSS1F, PEM1F, and PFOIC.
	State/Local wetland inventory map(s):
	FEMA/FIRM maps: .
	100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
	☑ Photographs: ☑ Aerial (Name & Date):ORM Data.
	or Mother (Name & Date): November 6, 2015 and September 14, 2016.
	Previous determination(s). File no. and date of response letter: .
	Applicable/supporting case law: .
	Applicable/supporting scientific literature: .
	Other information (please specify): Oklahoma Mesonet and Weather DB.
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B. ADDITIONAL COMMENTS TO SUPPORT JD: Bellcow Creek is a primary tributary to navigable waters and thus subject to Section 404 of the CWA since September 1976. In addition, the riparian corridor and floodplain of Bellcow Creek contain adjacent wetlands that fall under the authority of Section 404 CWA.