# 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: B	BACKGROUND	INFORMATION
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REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):03/24/2023

DISTRICT OFFICE, FILE NAME, AND NUMBER: SWG-2022-00226, HCED, Katy Hockley Cutoff 1 AJD request -

	REVISED
C.	PROJECT LOCATION AND BACKGROUND INFORMATION:  State: Texas
D.	REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):  ☐ Office (Desk) Determination. Date: 03/24/2023 ☐ Field Determination. Date(s):
	CTION II: SUMMARY OF FINDINGS RHA SECTION 10 DETERMINATION OF JURISDICTION.
revi	ere Are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the fiew 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:  CWA SECTION 404 DETERMINATION OF JURISDICTION.
The	ere are and are not "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 <sup>2</sup> (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: Stream A – Bridge: 1,894 linear feet, 0.76 acres, Stream A-Detention 511 LF Wetlands: N/A
	c. Limits (boundaries) of jurisdiction based on: Established by OHWM.  Elevation of established OHWM (if known):

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

#### 2. Non-regulated waters/wetlands (check if applicable):<sup>3</sup>

A Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:

According to guidance from Rapanos, "ditches (including roadside ditches) excavated wholly in and draining only uplands and that do not carry a relatively permanent flow of water" are not considered jurisdictional WOTUS. The following features were determined to be either ditches or ponds that were excavated wholly in and draining only uplands and do not carry a relatively permanent flow of water:

Name	Pond A	Pond B	Pond C	Pond D	Ditch D
Approximate Size (acreage/linear feet)	0.06 acres	0.03 acres	0.19 acres	0.06 acres	0.23 acres, 414 linear feet
Elevation (feet above mean sea level)	155	155	155	155	155
Distance to Buffalo Bayou (aerial miles)	~24	~24	~24	~24	~24
Center Coordinateof Site (decimal degrees, NAD 83)	29.8627448, -95.8091000	29.8629452, -95.8089687	29.8640105, -95.8084831	29.8640960, -95.8103392	29.8625391, -95.8084335

Pond A, B, C, and D appear to be man-made excavated features that are likely used for livestock watering. There are no direct surface hydrologic connections between the ponds and other offsite aquatic features. There was no aquatic fauna was observed to be utilizing the ponds for aquatic habitat at the time of the site visit.

Ditch D is a man-made drainage feature constructed within uplands. At the time of the site visit, the ditch did not contain standing water within its OHWM. Ditch D runs east-west in direction and vegetation is present near its OHWM. Ditch D was also observed to drain into to Stream A but had a separate OHWM. Ditch D does not have a connection to any other features onsite. Upland Drainage Ditches A (1856 LF), B (696 LF) and C (101 LF) are also constructed in uplands and only drain uplands

#### 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, fill out Section III.D.2 and 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.

<sup>&</sup>lt;sup>3</sup> Supporting documentation is presented in Section III.F.

If the water body <sup>4</sup> is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the water body 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)	Wat Dra Ave	neral Area Conditions: ershed size: square miles inage area: square miles rrage annual rainfall: rrage annual snowfall:
(ii)		sical Characteristics:  Relationship with TNW:  ☐ Tributary flows directly into TNW.  ☐ Tributary flows through Pick List tributaries before entering TNW.  Project waters are Pick List river miles from TNW.  Project waters are Pick List river miles from RPW.  Project waters are Pick List aerial (straight) miles from TNW.  Project waters are Pick List aerial (straight) miles from RPW.  Project waters cross or serve as state boundaries. Explain: N/A
		Identify flow route to TNW <sup>5</sup> : Tributary stream order, if known:
	(b)	General Tributary Characteristics (check all that apply):  Tributary is:  Natural  Artificial (man-made). Explain:  Manipulated (man-altered). Explain:
		Tributary properties with respect to top of bank (estimate):  Average width:  Average depth:  Average side slopes: Pick List
		Primary tributary substrate composition (check all that apply):  Silts Sands Concrete Gravel Muck Bedrock Vegetation. Type/% cover: Other. Explain:
		Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: Presence of run/riffle/pool complexes. Explain: Tributary geometry: Pick List Tributary gradient (approximate average slope):
	(c)	Flow: Tributary provides for: Estimate average number of flow events in review area/year: Pick List Describe flow regime: Intermittent Other information on duration and volume:
		Surface flow is: Pick List. Characteristics: Surface flow increases or decreases according to precipitation.
		Subsurface flow: Unknown. Explain findings:  Dye (or other) test performed:  Tributary has (check all that apply):

<sup>&</sup>lt;sup>4</sup> Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

<sup>&</sup>lt;sup>5</sup> 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.

			□ Bed and banks □ OHWM <sup>6</sup> (check all indicators that apply): □ clear, natural line impressed on the bank □ changes in the character of soil □ destruction of terrestrial vegetation □ shelving □ the presence of wrack line □ vegetation matted down, bent, or absent □ sediment sorting □ leaf litter disturbed or washed away □ scour □ sediment deposition □ multiple observed or predicted flow events □ water staining □ abrupt change in plant community □ other (list): □ Discontinuous OHWM. Fxplain:
			If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):    High Tide Line indicated by:
	(iii)	Cha	emical Characteristics: anacterize tributary (e.g., water color is clear, discolored, oily film; water quality; general watershed characteristics, etc.). Explain: ntify specific pollutants, if known: N/A
	(iv)	Bio	logical Characteristics. Channel supports (check all that apply):  Riparian corridor. Characteristics (type, 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:
2.	Cha	ract	teristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW
	(i)	-	Wetland Characteristics:  General Wetland Characteristics: Properties: Wetland size: Wetland type. Explain: Wetland quality. Explain: Project wetlands cross or serve as state boundaries. Explain:
		(b)	General Flow Relationship with Non-TNW: Flow is: Pick List. Explain:
			Surface flow is: Pick List Characteristics:
			Subsurface flow: Pick List. Explain findings:  Dye (or other) test performed:
		(c)	Wetland Adjacency Determination with Non-TNW:  ☐ Directly abutting ☐ Not directly abutting ☐ Discrete wetland hydrologic connection. Explain: ☐ Ecological connection. Explain: ☐ Separated by berm/barrier. Explain:
		(d)	Proximity (Relationship) to TNW

<sup>&</sup>lt;sup>6</sup>A 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 water body'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. <sup>7</sup>Ibid.

		Project waters are <b>Pick I</b> Flow is from: <b>Pick List.</b>	ist aerial (straight) miles f	rom TNW.	
			ation of wetland as within	the Pick List floodplain.	
	Cha	emical Characteristics: aracterize wetland system ( characteristics; etc.). Exp entify specific pollutants, if	olain:	rown, oil film on surface; water qu	nality; general watershed
	(iii) Bio	Riparian buffer. Character Vegetation type/percent chabitat for:  Federally Listed speci Fish/spawn areas. Exp Other environmentally Aquatic/wildlife diver	eristics (type, average widtover. Explain:  es. Explain findings:  plain findings: y-sensitive species. Expla	h):	
3.		teristics of all wetlands ad wetland(s) being considered			
	For each	wetland, specify the follow	ving:		
		Directly abuts? (Y/N)	Size (in acres)	Directly abuts? (Y/N)	Size (in acres)

Project wetlands are Pick List river miles from 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:

- 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:
- 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.		ETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL HAT 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: Stream A is a natural tributary. It is a relatively slow-moving, shallow tributary with gently sloping banks. At the time of the site visit, Stream A was carrying a relatively permanent flow of water within the OHWM, and the high banks did not appear to be regularly maintained. The slopes that intersect the existing roadway are reinforced with concrete and/or riprap. Aquatic fauna including birds, fish, reptiles, and amphibians are utilizing Stream A as habitat. There were no fringe wetlands identified above the OHWM of the feature. Stream A eventually flows into Buffalo Bayou, a traditional navigable water.					
		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:					
		Provide estimates for jurisdictional waters in the review area (check all that apply):  Tributary waters: Stream A – Bridge: 1,894 linear feet, 0.76 acres  Other non-wetland waters: acres Identify type(s) of waters:					
	3.	Non-RPWs <sup>8</sup> that flow directly or indirectly into TNWs.  Water body 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:  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:					
		☐ 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					
	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: acres					
	6.	Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.  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. <sup>9</sup>					

 $<sup>^8</sup> See\ Footnote \#\,3.$   $^9\ To\ complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.$ 

	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).
Е.	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::  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: ☐ Other: (explain, if not covered above): According to guidance from Rapanos, "ditches (including roadside ditches) excavated wholly in and draining only uplands and that do not carry a relatively permanent flow of water" are not considered jurisdictional WOTUS. Ditch D was determined to be a ditch excavated wholly in and draining only uplands and do not carry a relatively permanent flow of water. Pond A, B, C, and D were determined to be man-made excavated features that are likely used for livestock watering. Upland Drainage Ditches A (1856 LF), B (696 LF) and C (101 LF) are also constructed in uplands and only drain uplands. Pond A, B, C, and D appear to be man-made excavated features that are likely used for livestock watering. There are no direct surface hydrologic connections between the ponds and other offsite aquatic features. There was no aquatic fauna was observed to be utilizing the ponds for aquatic habitat at the time of the site visit.
	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):  Lakes/ponds: acres.  Other non-wetland waters: -acres. List type of aquatic resource:  Wetlands: acre

<sup>&</sup>lt;sup>10</sup> 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.

# **SECTION IV: DATA SOURCES.**

Data sheets prepared by the Corps:  Corps navigable waters' study:  U.S. Geological Survey Hydrologic Atlas:  USGS NHD data  USGS 8 and 12 digit HUC maps  Galveston District's Approved List of Navigable Waters  U.S. Geological Survey map(s). Cite scale & quad name:  Historical and Modern USGS Topographic Maps  Date  Scale  Quadrangle		
Corps navigable waters' study:  U.S. Geological Survey Hydrologic Atlas:  USGS NHD data USGS 8 and 12 digit HUC maps Galveston District's Approved List of Navigable Waters U.S. Geological Survey map(s). Cite scale & quad name:  Historical and Modern USGS Topographic Maps  Date Scale Quadrangle		
U.S. Geological Survey Hydrologic Atlas:  USGS NHD data USGS 8 and 12 digit HUC maps Galveston District's Approved List of Navigable Waters U.S. Geological Survey map(s). Cite scale & quad name:  Historical and Modern USGS Topographic Maps  Date Scale Quadrangle		
☐ USGS NHD data ☐ USGS 8 and 12 digit HUC maps Galveston District's Approved List of Navigable Waters U.S. Geological Survey map(s). Cite scale & quad name:  Historical and Modern USGS Topographic Maps  Date Scale Quadrangle		
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Historical and Modern USGS Topographic Maps  Date Scale Quadrangle		
Date Scale Quadrangle		
	Quadrangle Name	
	7.5' Katy, Texas	
2022 1:24,000 7.5' Katy,	7.5' Katy, Texas	
USDA Natural Resources Conservation Service Soil Survey. Citation: Soil Survey of Harris County, TX (Augu National wetlands inventory map(s). Cite name: Swanson, TX Quadrangle State/Local wetland inventory map(s):  [EMA FIRM mass: FEMA FIRM People 48201 C0200N 48201 C0205N 48201 C0285M and 48201 C0580M		
National wetlands inventory map(s). Cite name: Swanson, TX Quadrangle State/Local wetland inventory map(s): FEMA/FIRM maps: FEMA FIRM Panels 48201C0390N, 48201C0395N, 48201C0885M, and 48201C0580M Effective 2019-11-15 100-year Floodplain Elevation is:		
National wetlands inventory map(s). Cite name: Swanson, TX Quadrangle State/Local wetland inventory map(s): FEMA/FIRM maps: FEMA FIRM Panels 48201C0390N, 48201C0395N, 48201C0885M, and 48201C0580M Effective 2019-11-15 100-year Floodplain Elevation is: Photographs: ☒ Aerial (Name & Date):		
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National wetlands inventory map(s). Cite name: Swanson, TX Quadrangle State/Local wetland inventory map(s): FEMA/FIRM maps: FEMA FIRM Panels 48201C0390N, 48201C0395N, 48201C0885M, and 48201C0580M Effective 2019-11-15 100-year Floodplain Elevation is:  Photographs:  Aerial (Name & Date): or ☐ Other (Name & Date):  Historic and Modern Aerial Orthoimagery		
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# B. ADDITIONAL COMMENTS TO SUPPORT JD:

**Table 1: Jurisdictional Waters** 

Name	Approximate Size (linear feet)	Elevation (feet above mean sea level)	Distance to Little Cypress Creek (aerial miles)	Center Coordinate of Site (decimal degrees, NAD 83)
Stream A – Bridge	1,894	150	~24 miles	29.8623516, -95.8073994

**Table 2: Non-Regulated Waters** 

Name	Approximate Size (acreage/linear feet)	Elevation (feet above mean sea level)	Distance to Little Cypress Creek (aerial miles)	Center Coordinate of Site (decimal degrees, NAD 83)
Pond A	0.06 acres	155	~24 miles	29.8627448, -95.8091000
Pond B	0.03 acres	155	~24 miles	29.8629452, -95.8089687
Pond C	0.19 acres	155	~24 miles	29.8640105, -95.8084831
Pond D	0.06 acres	155	~24 miles	29.8640960, -95.8103392
Ditch D	0.23 acres, 414 linear feet	155	~24 miles	29.8625391, -95.8084335

Ditch A 1865LF, 29.8719846, -95.8073665 Ditch B 969LF, 29.8731819, -95.8070735 Ditch C 101LF, 29.8675824, -95.8097059