

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

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 23 November 2022

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: Galveston District, SWG-2019-00077, LH Ranch, Ltd., Approved Jurisdictional Determination (AJD), Approximate 950 Acres, For the Proposed Lake Houston Mitigation Bank, Northeast Harris and West-Central Liberty Counties, Texas

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Texas County/Parish: Harris/ Liberty City: Huffman / New Caney
Center coordinates of site (lat/long in degree decimal format, NAD-83): Lat. See Table 1.°N, Long. °W;
Universal Transverse Mercator: UTM: 15N, N., E.,NAD: 83
Name of nearest water body: Luce Bayou (LB) for Blocks 1 and 2E, and East Fork San Jacinto River (EFSJ) for Block 2W.
Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: None

Name of watershed or Hydrologic Unit Code (HUC): 12040103 - East Fork San Jacinto

- 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: 18 October 2022
- Field Determination. Date(s): 12-13 November 2019, 23 June 2020.

SECTION II: SUMMARY OF FINDINGS

A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There **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 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: 71,129 linear feet: 10 width (ft) and/or 16.3 acres
Wetlands: 194.1 acres

c. Limits (boundaries) of jurisdiction based on: 1987 Delineation Manual.

Elevation of established OHWM (if known):

2. Non-regulated waters/wetlands (check if applicable):³

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

SECTION III: CWA ANALYSIS

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.

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.

If the water body⁴ 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) General Area Conditions:
Watershed size: acres
Drainage area: acres
Average annual rainfall: inches
Average annual snowfall: inches
 - (ii) Physical Characteristics:
 - (a) 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:

Identify flow route to TNW⁵:
Tributary stream order, if known:
 - (b) General Tributary Characteristics (check all that apply):
Tributary is: Natural

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.

- Artificial (man-made). Explain:
- Manipulated (man-altered). Explain:

Tributary properties with respect to top of bank (estimate):

Average width: feet
 Average depth: feet
 Average side slopes: **Pick List**

Primary tributary substrate composition (check all that apply):

- | | | |
|--|--|-----------------------------------|
| <input type="checkbox"/> Silts | <input type="checkbox"/> Sands | <input type="checkbox"/> Concrete |
| <input type="checkbox"/> Cobbles | <input type="checkbox"/> Gravel | <input type="checkbox"/> Muck |
| <input type="checkbox"/> Bedrock | <input type="checkbox"/> Vegetation. Type/% cover: | |
| <input type="checkbox"/> 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: **Pick List**

Estimate average number of flow events in review area/year: **Pick List**

Describe flow regime:

Other information on duration and volume:

Surface flow is: **Pick List**. Characteristics:

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

- Dye (or other) test performed:

Tributary has (check all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Bed and banks | |
| <input type="checkbox"/> OHWM ⁶ (check all indicators that apply): | |
| <input type="checkbox"/> clear, natural line impressed on the bank | <input type="checkbox"/> the presence of litter and debris |
| <input type="checkbox"/> changes in the character of soil | <input type="checkbox"/> destruction of terrestrial vegetation |
| <input type="checkbox"/> shelving | <input type="checkbox"/> the presence of wrack line |
| <input type="checkbox"/> vegetation matted down, bent, or absent | <input type="checkbox"/> sediment sorting |
| <input type="checkbox"/> leaf litter disturbed or washed away | <input type="checkbox"/> scour |
| <input type="checkbox"/> sediment deposition | <input type="checkbox"/> multiple observed or predicted flow events |
| <input type="checkbox"/> water staining | <input type="checkbox"/> abrupt change in plant community |
| <input type="checkbox"/> other (list): | |
| <input type="checkbox"/> Discontinuous OHWM. ⁷ Explain: | |

If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply):

- | | |
|--|--|
| <input type="checkbox"/> High Tide Line indicated by: | <input type="checkbox"/> Mean High Water Mark indicated by: |
| <input type="checkbox"/> oil or scum line along shore objects | <input type="checkbox"/> survey to available datum; |
| <input type="checkbox"/> fine shell or debris deposits (foreshore) | <input type="checkbox"/> physical markings; |
| <input type="checkbox"/> physical markings/characteristics | <input type="checkbox"/> vegetation lines/changes in vegetation types. |
| <input type="checkbox"/> tidal gauges | |
| <input type="checkbox"/> other (list): | |

(iii) **Chemical Characteristics:**

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

Identify specific pollutants, if known:

(iv) **Biological 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. Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly 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 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.

⁷Ibid.

(i) Physical Characteristics:

(a) General Wetland Characteristics:

Properties:

Wetland size: acres

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: Unknown. 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

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:
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):

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: Water is visible in every aerial photo for LB and EFSJ, and the USGS National Hydrologic Dataset identify both of these tributaries as perennial. See Table 2.
 - 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: Comparing the USDA soil survey data regarding average annual water table depth for the associated soil series and the channel depths for these tributaries, there is sufficient data to determine the water flow regime is seasonally perennial. See Table 2.

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

 - Tributary waters: 71,129 linear feet 10 width (ft)
 - Other non-wetland waters: acres

Identify type(s) of waters:
3. **Non-RPWs⁸ 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: 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:
 - 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:

⁸See Footnote # 3.
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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 jurisdictional. 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.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).

E. 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:
 Other: (explain, if not covered above):

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole 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: 7.4 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): linear feet, width (ft).
 Lakes/ponds: acres.

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.

- Other non-wetland waters: acres. List type of aquatic resource:
- Wetlands: acres.

SECTION 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: Map submitted by consultant.
- 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: 12-13 November 2019, 23 June 2020 site visits.
- Corps navigable waters' study:
- U.S. Geological Survey Hydrologic Atlas: 12040103 - East Fork San Jacinto
 - 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: 7.5-Minute Topographic Quadrangle Map(s): Huffman, Texas (1942, 1961, 2019); Moonshine Hill, Texas (1932, 1962, 2019); and Plum Grove, Texas (1967 and 2019).
- USDA Natural Resources Conservation Service Soil Survey. Citation:
- National wetlands inventory map(s). Cite name: FWS NWI Online Mapper. (<http://www.fws.gov/wetlands/data/mapper.HTML>), accessed 15 August 2021.
- State/Local wetland inventory map(s):
- FEMA/FIRM maps: Liberty County, Texas and Unincorporated Areas, Panel numbers 48291C0275C (5/2/2008) and 48291C0400C (5/2/2008). Flood Zone: N/A.
- 100-year Floodplain Elevation is: N/A. (National Geodetic Vertical Datum of 1929)
- Photographs: Aerial (Name & Date): 2015 Texas Ortho Imagery Program (TOP), 0.5-meter Near Color (NC); 2020 National Agriculture Imagery Program (NAIP), 1.0-meter NC and Color Infrared (CIR).
 - or Other (Name & Date): Site visit photos.
- Previous determination(s). File no. and date of response letter:
- Applicable/supporting case law:
- Applicable/supporting scientific literature:
- Other information (please specify): Texas Strategic Mapping Program (StratMap). Upper Texas Coast Lidar, Light Detection and Ranging (LiDAR), 1.0-meter Bare Earth Digital Elevation Model (DEM), North American Vertical Datum (NAVD) 1988 (meters).

B. ADDITIONAL COMMENTS TO SUPPORT JD:

Site	Latitude	Longitude	Approximate Size	Units	County
Block 1	30.127128	-95.066562	251.25	Acre	Liberty
Block 2 East	30.123345	-95.051221	348.24	Acre	Liberty
Block 2 West	30.118079	-95.127313	349.44	Acre	Harris

Site	Latitude	Longitude	Approximate Size	Units	Jurisdictional Authority
Camp Branch East Fork 1	30.129303	-95.063449	2938.51	Feet	404
Camp Branch East Fork 2	30.124250	-95.063488	2685.68	Feet	404
Camp Branch Main Stem	30.121418	-95.062986	1215.15	Feet	404
Camp Branch West Fork 1	30.128613	-95.071540	3519.11	Feet	404
Camp Branch West Fork 1a	30.126027	-95.069919	54.67	Feet	404
Camp Branch West Fork 2	30.123804	-95.067264	4033.36	Feet	404
Camp Branch Trib 1	30.119887	-95.062756	1164.97	Feet	404
Camp Branch East Trib 1	30.125837	-95.062672	194.72	Feet	404
Camp Branch East Trib 2	30.127683	-95.063529	420.72	Feet	404
Camp Branch East Trib 2-1	30.127712	-95.063291	115.45	Feet	404
Camp Branch East Trib 3	30.128960	-95.062794	212.32	Feet	404
Camp Branch West Trib 1	30.123232	-95.065918	284.36	Feet	404
Camp Branch West Trib 2	30.122060	-95.067241	1223.17	Feet	404
Camp Branch West Trib 3	30.123765	-95.068934	851.20	Feet	404
Camp Branch West Trib 4	30.125240	-95.070420	500.65	Feet	404
Camp Branch Main Stem	30.119466	-95.060010	1662.85	Feet	404
Camp Branch Trib 2	30.122218	-95.059823	2222.93	Feet	404
East Fork San Jacinto Trib 1	30.112916	-95.135554	1909.27	Feet	404
East Fork San Jacinto Trib 1-1	30.112885	-95.136193	151.04	Feet	404
East Fork San Jacinto Trib 1-2	30.113186	-95.133791	325.70	Feet	404
East Fork San Jacinto Trib 2	30.116900	-95.132296	13099.00	Feet	404
East Fork San Jacinto Trib 2-1	30.118596	-95.132760	157.93	Feet	404
East Fork San Jacinto Trib 2-2	30.118242	-95.132016	271.00	Feet	404
East Fork San Jacinto Trib 2-3	30.115757	-95.119986	89.89	Feet	404
East Fork San Jacinto Trib 2-4	30.114896	-95.117248	2073.52	Feet	404
East Fork San Jacinto Trib 2-4-1	30.113521	-95.115221	101.97	Feet	404
East Fork San Jacinto Trib 2-5	30.117092	-95.118843	89.65	Feet	404
East Fork San Jacinto Trib 2-6	30.117704	-95.118635	157.30	Feet	404
Luce Bayou Trib 1	30.118700	-95.056869	531.85	Feet	404
Luce Bayou Trib 2-b	30.119096	-95.058460	512.96	Feet	404
Luce Bayou Trib 3	30.120064	-95.055472	712.12	Feet	404
Luce Bayou Trib 3-1	30.119102	-95.055431	353.67	Feet	404
Luce Bayou Trib 4	30.122087	-95.053131	1445.99	Feet	404
Luce Bayou Trib 5	30.124624	-95.054364	2855.80	Feet	404
Luce Bayou Trib 5-1	30.124261	-95.055379	386.91	Feet	404
Luce Bayou Trib 5-2	30.124981	-95.055216	736.17	Feet	404
Luce Bayou Trib 5-2-1	30.125225	-95.055459	195.47	Feet	404
Luce Bayou Trib 5-3	30.126947	-95.054357	1529.18	Feet	404
Luce Bayou Trib 5-3-1	30.128465	-95.054773	227.18	Feet	404
Luce Bayou Trib 5-4	30.127073	-95.053213	329.81	Feet	404
Luce Bayou Trib 6	30.123796	-95.051074	410.63	Feet	404
Luce Bayou Trib 7	30.125010	-95.050304	336.50	Feet	404
Luce Bayou Trib 8	30.123271	-95.050264	672.33	Feet	404
Luce Bayou Trib 9	30.123106	-95.049232	879.50	Feet	404
Luce Bayou Trib 10	30.124045	-95.049029	390.31	Feet	404

Luce Bayou Trib 11	30.126980	-95.049396	428.94	Feet	404
Luce Bayou Trib 12	30.128928	-95.047741	2326.42	Feet	404
Luce Bayou Trib 12-1	30.127407	-95.047627	201.97	Feet	404
Luce Bayou Trib 12-2	30.130145	-95.048857	159.43	Feet	404
Luce Bayou Trib 12-3	30.130090	-95.049572	148.25	Feet	404
Luce Bayou Trib 12-4	30.130622	-95.049558	70.34	Feet	404
Luce Bayou Trib 13-1	30.126163	-95.045074	698.41	Feet	404
Luce Bayou Trib 13-2	30.127167	-95.044975	849.62	Feet	404
Luce Bayou Trib 14-1	30.129728	-95.045362	137.09	Feet	404
Luce Bayou Trib 14-2	30.128837	-95.045241	279.82	Feet	404
Luce Bayou Trib 15	30.131608	-95.045752	1183.15	Feet	404
Luce Bayou	30.124235	-95.051465	10412.90	Feet	404
Wetland 02a-01	30.126832	-95.060295	0.486	Acre	404
Wetland 02a-02	30.125725	-95.061417	2.319	Acre	404
Wetland 02b-01	30.126251	-95.060581	1.485	Acre	404
Wetland 04	30.122231	-95.063033	0.123	Acre	404
Wetland 05a-01	30.121653	-95.130716	1.530	Acre	404
Wetland 05a-02	30.118547	-95.131172	8.55	Acre	404
Wetland 05a-03	30.119264	-95.129339	2.30	Acre	404
Wetland 05a-04	30.120651	-95.127890	0.394	Acre	404
Wetland 05a-05	30.119826	-95.123021	0.990	Acre	404
Wetland 05a-06	30.117116	-95.133756	0.705	Acre	404
Wetland 05a-08	30.118087	-95.126850	5.64	Acre	404
Wetland 05a-09	30.114667	-95.136359	6.47	Acre	404
Wetland 05a-10	30.114702	-95.132752	6.11	Acre	404
Wetland 05b-01	30.122085	-95.129704	8.29	Acre	404
Wetland 05b-02	30.122596	-95.127355	1.46	Acre	404
Wetland 05b-03	30.119456	-95.128311	2.16	Acre	404
Wetland 05b-04	30.118613	-95.130129	1.20	Acre	404
Wetland 05b-05	30.114748	-95.132341	0.478	Acre	404
Wetland 05c-01	30.122396	-95.126279	7.75	Acre	404
Wetland 05c-02	30.119550	-95.124789	9.46	Acre	404
Wetland 06	30.119187	-95.116431	35.66	Acre	404
Wetland 07	30.114614	-95.112666	7.00	Acre	404
Wetland 08a-01	30.131557	-95.044901	0.472	Acre	404
Wetland 08a-02	30.128798	-95.047154	16.302	Acre	404
Wetland 08a-03	30.130063	-95.045369	0.969	Acre	404
Wetland 08a-04	30.130038	-95.045097	0.557	Acre	404
Wetland 08a-05	30.128282	-95.045302	0.228	Acre	404
Wetland 08a-06	30.126530	-95.047569	0.175	Acre	404
Wetland 08a-07	30.126184	-95.046757	4.074	Acre	404
Wetland 08a-08	30.121613	-95.056099	32.316	Acre	404
Wetland 08a-09	30.121636	-95.053341	21.637	Acre	404
Wetland 08b-01	30.129785	-95.045141	2.177	Acre	404
Wetland 08b-02	30.127864	-95.045477	0.441	Acre	404
Wetland 08b-03	30.127550	-95.044796	0.236	Acre	404
Wetland 08b-04	30.126381	-95.046666	0.270	Acre	404
Wetland 08b-05	30.125853	-95.048802	0.386	Acre	404
Wetland 08b-06	30.125532	-95.048284	0.230	Acre	404
Wetland 08b-07	30.124658	-95.052400	0.921	Acre	404
Wetland 08b-08	30.124449	-95.049158	0.043	Acre	404
Wetland 08b-09	30.123403	-95.053704	0.044	Acre	404
Wetland 08b-10	30.122955	-95.054344	0.138	Acre	404
Wetland 08b-11	30.122200	-95.054982	0.259	Acre	404
Wetland 08b-12	30.121314	-95.054695	0.232	Acre	404
Wetland 08b-13	30.119782	-95.055360	0.097	Acre	404
Wetland 08b-14	30.119683	-95.056453	0.049	Acre	404
Wetland 08b-15	30.119314	-95.057505	0.181	Acre	404
Wetland 08b-16	30.119025	-95.056101	0.021	Acre	404

Wetland 08b-17	30.118662	-95.057288	0.045	Acre	404
Wetland 09	30.128751	-95.054485	1.191	Acre	404