



**U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): 11/10/2020

ORM Number: SWF-2020-00164

Associated JDs: N/A

Review Area Location¹: State/Territory: TX City: Corsicana County/Parish/Borough: Navarro

Center Coordinates of Review Area: Latitude 31.895 N Longitude 96.471 W

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- ☐ The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- ☐ There are "navigable waters of the United States" within Rivers and Harbors Act jurisdiction within the review area (complete table in Section II.B).
- ☒ There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.C).
- ☒ There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)²

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A.	N/A.	N/A.	N/A.

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters): ³				
(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination	
N/A.	N/A.	N/A.	N/A.	

Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination	
Stream A	376	linear feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least perennial flow.
Stream A	865	linear feet	(a)(2) Intermittent tributary contributes	Stream with typical depositional and biological indicators of at least intermittent flow.

¹ Map(s)/figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD Form.



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Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	
Stream AA	132	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream C	1,652	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream DD	3,648	linear feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least perennial flow.
Stream DD	3,698	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream F	179	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream G	6,447	linear feet	(a)(2) Perennial tributary contributes	Stream with typical depositional and biological indicators of at least perennial flow.



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(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	
Stream H	332	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream J	100	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream JJ	164	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream K	13	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream L	113	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream M	1,183	linear feet	(a)(2) Intermittent tributary contributes	Stream with typical depositional and biological indicators of at least intermittent flow.



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(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	
Stream MM	780	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream N	572	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream O	3,011	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream PP	295	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream R	4,955	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream S	62	linear feet	(a)(2) Intermittent tributary contributes	Stream with typical depositional and biological indicators of at least intermittent flow.



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(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	
Stream T	102	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream U	69	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream W	620	linear feet	(a)(2) Perennial tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least perennial flow.
Stream W	1,350	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream X	144	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.
Stream Y	605	linear feet	(a)(2) Intermittent tributary contributes	Stream with typical depositional and biological indicators of at least intermittent flow.



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(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			surface water flow directly or indirectly to an (a)(1) water in a typical year.	
Stream Z	47	linear feet	(a)(2) Intermittent tributary contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream with typical depositional and biological indicators of at least intermittent flow.

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):				
(a)(3) Name	(a)(3) Size		(a)(3) Criteria	Rationale for (a)(3) Determination
Pond A	1.62	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream A impoundment.
Pond B	0.34	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Stream G impoundment.
Pond C	0.16	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Contributes surface water through culvert and spillway to Wetland A.
Pond D	0.73	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes	Wetland C impoundment.



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(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
		surface water flow directly or indirectly to an (a)(1) water in a typical year.	
Pond E	0.26	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
			Contributes surface water through culvert and spillway to Wetland D.
Pond F	0.16	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
			Stream C impoundment.
Pond H	0.15	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.
			Contributes surface water through culvert and spillway to Stream G.
Pond I	0.01	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water inundated by flooding from an (a)(1)-(a)(3) water in a typical year.
			Inundated by Stream O.
Pond J	0.37	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an
			Contributes surface water through culvert and spillway to Stream AA.



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Tributaries ((a)(2) waters):				
(a)(2) Name	(a)(2) Size		(a)(2) Criteria	Rationale for (a)(2) Determination
			(a)(1) water in a typical year.	
Pond K	0.06	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Inundated by Stream R.
Pond L	0.10	acre(s)	(a)(3) Lake/pond or impoundment of a jurisdictional water contributes surface water flow directly or indirectly to an (a)(1) water in a typical year.	Contributes surface water through culvert and spillway to Stream MM.

Adjacent wetlands ((a)(4) waters):				
(a)(4) Name	(a)(4) Size		(a)(4) Criteria	Rationale for (a)(4) Determination
Wetland A	0.20	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream J.
Wetland B	0.09	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream G.
Wetland C	0.06	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream G.
Wetland D	0.59	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Pond D.
Wetland E	1.08	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream G.
Wetland F	0.23	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream O.
Wetland G	0.05	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Pond F.
Wetland H	0.65	acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream R.



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Adjacent wetlands ((a)(4) waters):			
(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
Wetland J	0.09 acre(s)	(a)(4) Wetland abuts an (a)(1)-(a)(3) water.	Abuts Stream MM

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12)): ⁴			
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
Stream AAA	219 linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream B	389 linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream BB	19 linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream BBB	3,040 linear feet	(b)(1) Surface water channel that does not contribute surface water flow directly or indirectly to an (a)(1) water in a typical year.	Isolated with no downslope connection to surface waters
Stream C	372 linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream CC	79 linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream D	36 linear feet	(b)(3) Ephemeral feature, including an ephemeral	Erosional system that lacks typical indicators of at least intermittent inundation.

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		stream, swale, gully, rill, or pool.		
Stream EE	46	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream FF	879	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream GG	173	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream HH	173	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream I	59	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream II	36	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream LL	29	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream K	31	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream KK	35	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size		Exclusion ⁵	Rationale for Exclusion Determination
Stream M	186	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream NN	129	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream OO	104	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream P	77	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream Q	116	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Stream V	38	linear feet	(b)(3) Ephemeral feature, including an ephemeral stream, swale, gully, rill, or pool.	Erosional system that lacks typical indicators of at least intermittent inundation.
Pond AA	0.68	acre(s)	(b)(9) Water-filled depression constructed/excavated in upland/non-jurisdictional water incidental to mining/construction or pit excavated in upland/non-jurisdictional water to obtain fill/sand/gravel.	Water-filled pit constructed in upland. Pit has evidence of blasting and digging for rock excavation.
Pond BB	2.18	acre(s)	(b)(9) Water-filled depression constructed/excavated in upland/non-jurisdictional water to obtain fill/sand/gravel.	Water-filled pit constructed in upland. Pit has evidence of blasting and digging for rock excavation.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		vated in upland/non-jurisdictional water incidental to mining/constructi on or pit excavated in upland/non-jurisdictional water to obtain fill/sand/gravel.		
Pond CC	0.24	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond DD	0.21	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond EE	0.49	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3)	Isolated with no downslope connection to surface waters and constructed in uplands.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
			water in a typical year.	
Pond FF	0.15	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond G	0.14	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond GG	0.45	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond HH	0.59	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from	Isolated with no downslope connection to surface waters and constructed in uplands.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
			an (a)(1)-(a)(3) water in a typical year.	
Pond II	0.14	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond JJ	0.10	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond KK	0.23	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond LL	0.37	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated	Isolated with no downslope connection to surface waters and constructed in uplands.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		by flooding from an (a)(1)-(a)(3) water in a typical year.		
Pond M	0.72	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond MM	0.39	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond N	0.49	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond NN	0.50	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an	Isolated with no downslope connection to surface waters and constructed in uplands.



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Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		(a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.		
Pond O	0.03	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond OO	0.25	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond P	0.62	acre(s)	(b)(8) Artificial lake/pond constructed or excavated in upland or a non-jurisdictional water, so long as the artificial lake or pond is not an impoundment of a jurisdictional water that meets (c)(6).	Cattle pond created in upland.
Pond Q	0.37	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface	Isolated with no downslope connection to surface waters and constructed in uplands.



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APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.		
Pond R	0.31	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond S	0.36	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond T	0.06	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond U	0.15	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface	Isolated with no downslope connection to surface waters and constructed in uplands.



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Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.		
Pond V	0.23	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond W	0.38	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond X	0.31	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Pond Y	0.26	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface	Isolated with no downslope connection to surface waters and constructed in uplands.



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NAVIGABLE WATERS PROTECTION RULE**

Excluded waters ((b)(1) – (b)(12)): ⁴				
Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination	
		water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.		
Pond Z	0.01	acre(s)	(b)(1) Lake/pond or impoundment that does not contribute surface water flow directly or indirectly to an (a)(1) water and is not inundated by flooding from an (a)(1)-(a)(3) water in a typical year.	Isolated with no downslope connection to surface waters and constructed in uplands.
Wetland I	0.11	acre(s)	(b)(1) Non-adjacent wetland.	Wetland does not meet the definition of adjacent to other waters describe in (a)(1)-(a)(3).
Wetland K	0.10	acre(s)	(b)(1) Non-adjacent wetland.	Wetland does not meet the definition of adjacent to other waters describe in (a)(1)-(a)(3).
Wetland L	0.11	acre(s)	(b)(1) Non-adjacent wetland.	Wetland does not meet the definition of adjacent to other waters describe in (a)(1)-(a)(3).
Wetland M	0.07	acre(s)	(b)(1) Non-adjacent wetland.	Wetland does not meet the definition of adjacent to other waters describe in (a)(1)-(a)(3).
Wetland N	0.21	acre(s)	(b)(1) Non-adjacent wetland.	Wetland does not meet the definition of adjacent to other waters describe in (a)(1)-(a)(3).

III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

☒ Information submitted by, or on behalf of, the applicant/consultant: [James McRacken, Duke Energy, 8/26/2020](#)

This information [is](#) sufficient for purposes of this AJD.

Rationale: [N/A](#)

☐ Data sheets prepared by the Corps: [Title\(s\) and/or date\(s\)](#).

☒ Photographs: [Aerial and Other: Title\(s\) and/or date\(s\)](#).

☐ Corps site visit(s) conducted on: [Date\(s\)](#).

☐ Previous Jurisdictional Determinations (AJDs or PJDs): [ORM Number\(s\) and date\(s\)](#).

☐ Antecedent Precipitation Tool: [provide detailed discussion in Section III.B.](#)

☒ USDA NRCS Soil Survey: [NRCS Web Soil Survey, Online Portal, 06-11-2020](#)

☒ USFWS NWI maps: [Texas Wetland Polygon Data, 05-01-2020](#)



**U.S. ARMY CORPS OF ENGINEERS
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APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE**

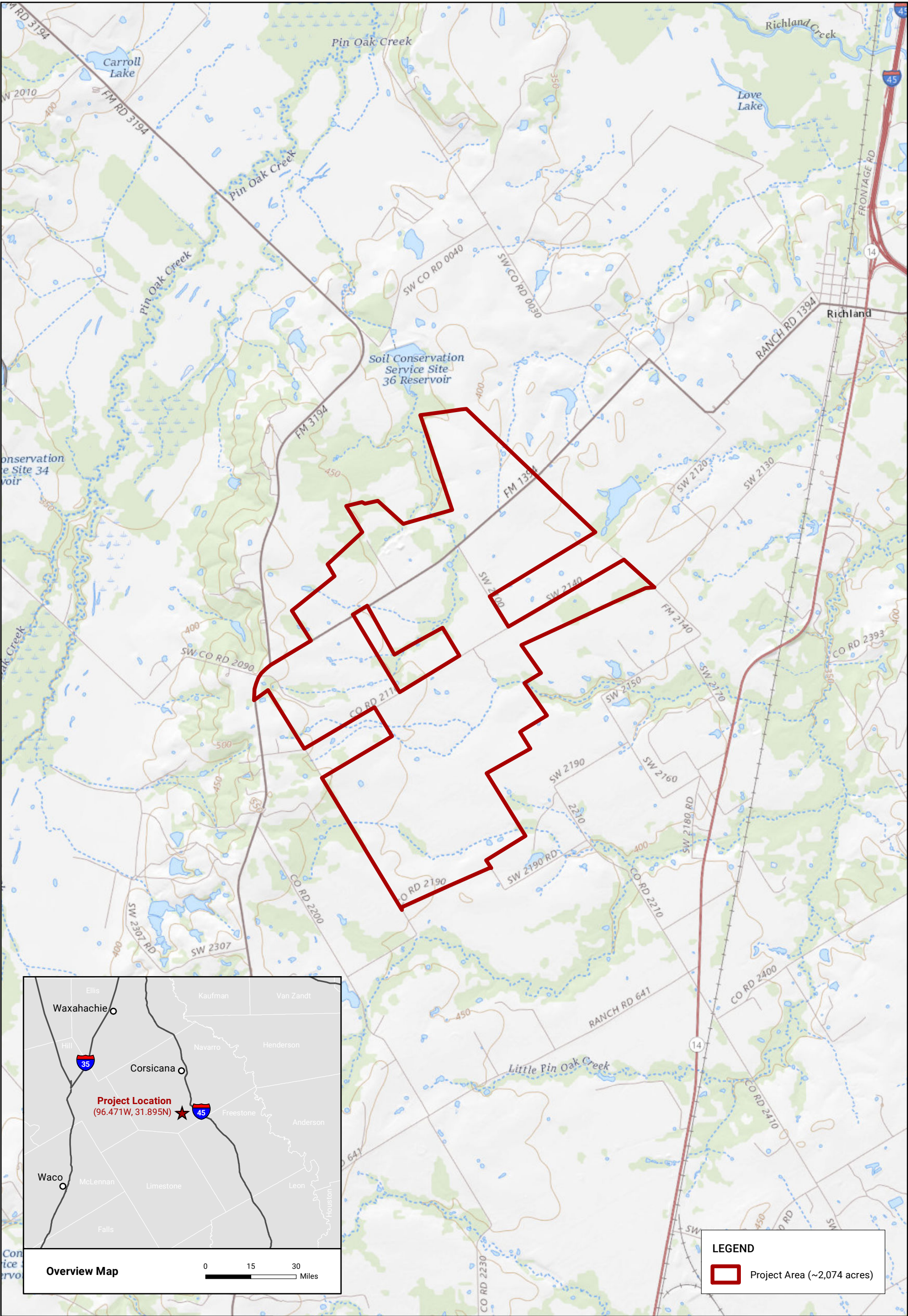
☒ USGS topographic maps: [USGS National Map and the Purdon, Richland, Union High, and Wortham 7.5- minute Series Quadrangles](#)

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS/WBD/NHD data/maps	NHD Waterbody and NHD Flowline, 06-19-2020
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
FEMA/FIRM maps	NFHL 48349C, 06-05-2012

B. Typical year assessment(s): [N/A or provide typical year assessment for each relevant data source used to support the conclusions in the AJD.](#)

C. Additional comments to support AJD: [N/A or provide additional discussion as appropriate.](#)



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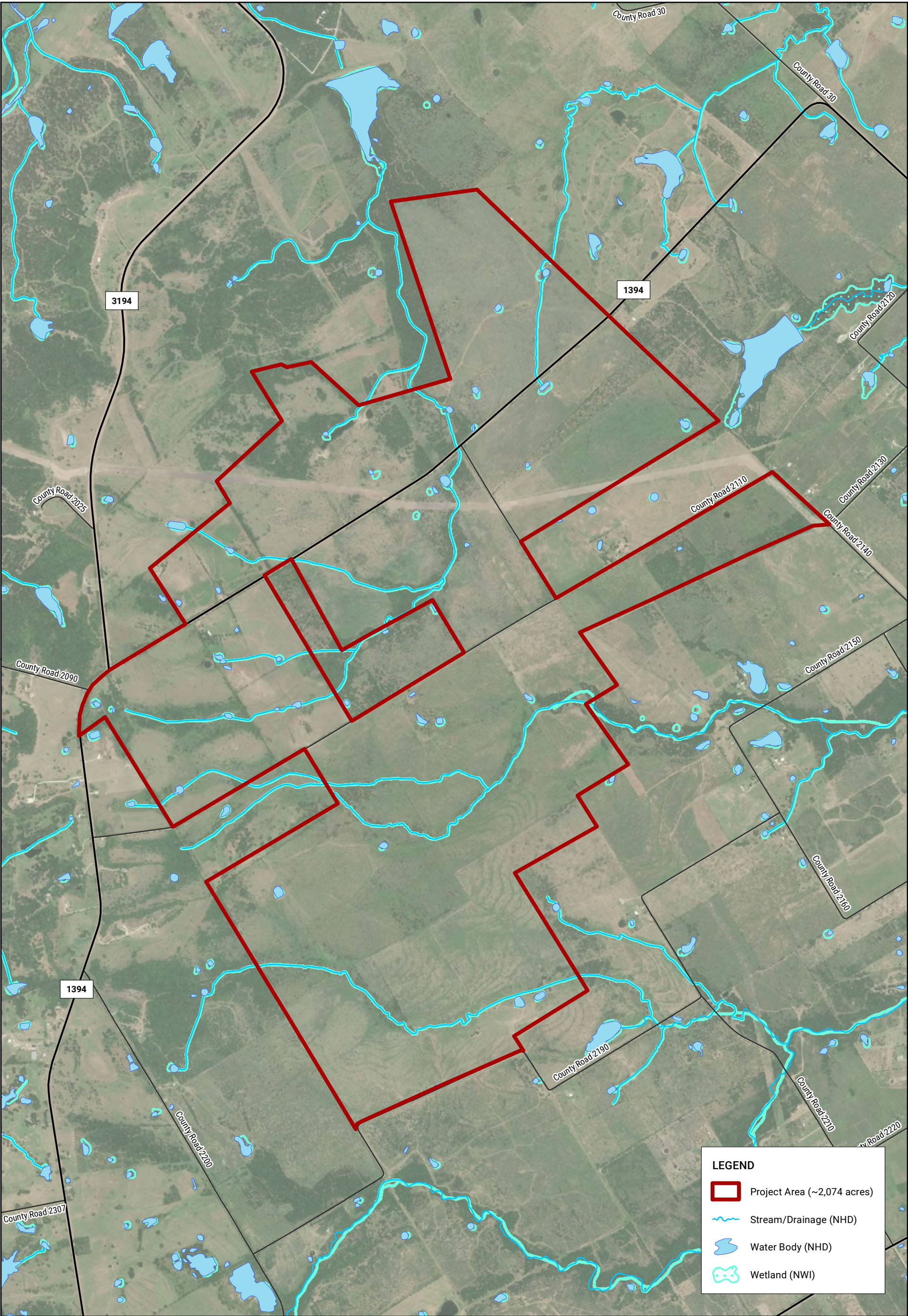
Duke Energy Renewables
Pisgah Ridge Solar, LLC

Pisgah Ridge Solar Project
Regional Topogrpahy
USGS National Map
Purdon, Richland, Union High, and Wortham
7.5-minute Series Quadrangles

Project Location: Navarro County, Texas

FIGURE 1

Prepared by: J. Hobbs Date: 2020-08-27



LEGEND

Project Area (~2,074 acres)

Stream/Drainage (NHD)

Water Body (NHD)

Wetland (NWI)

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Pisgah Ridge Solar, LLC
Pisgah Ridge Solar Project
Desktop-Identified Waters

Project Location: Navarro County, Texas

N

0

800

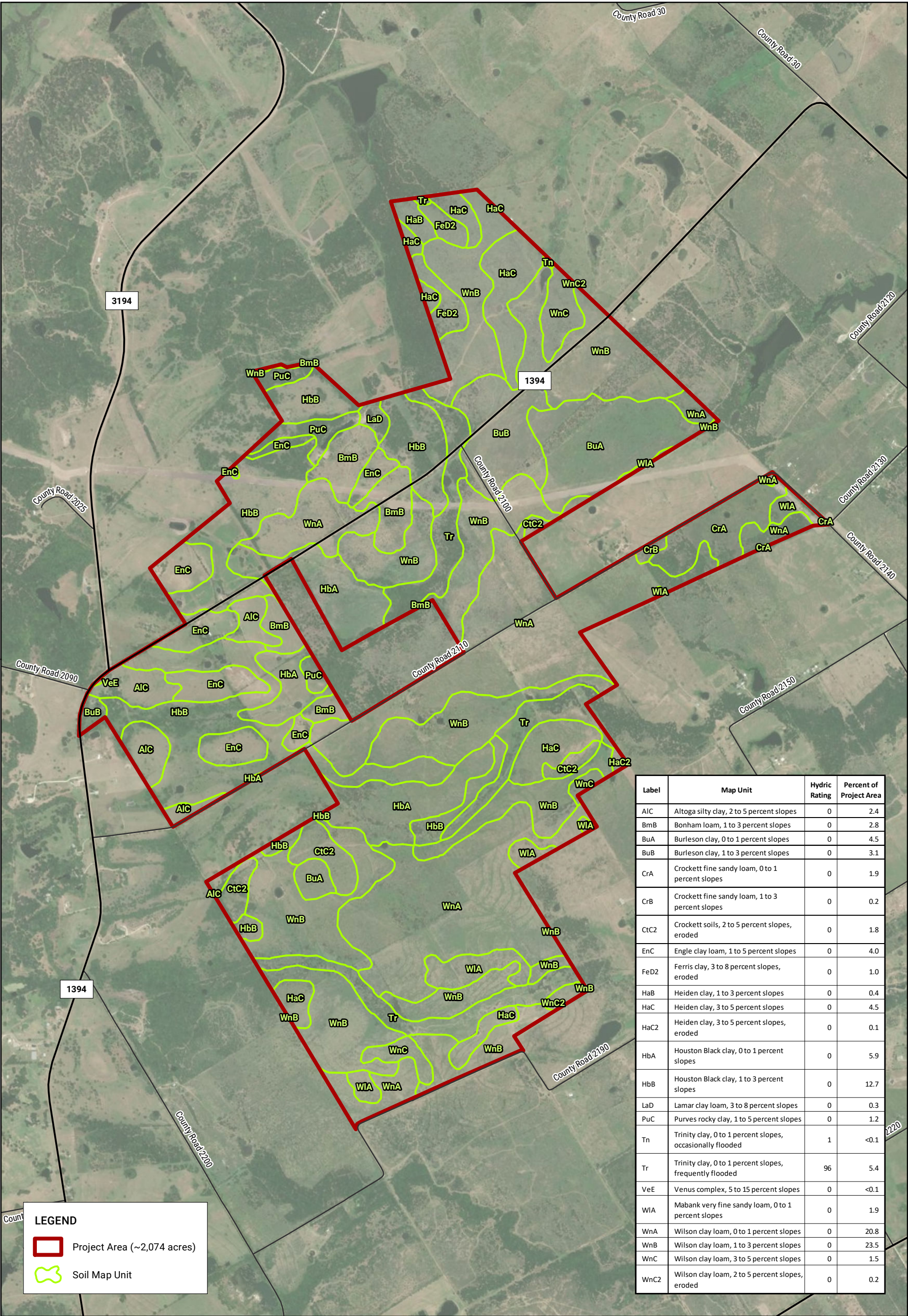
1,600

Feet

FIGURE 2

Prepared by: J. Hobbs

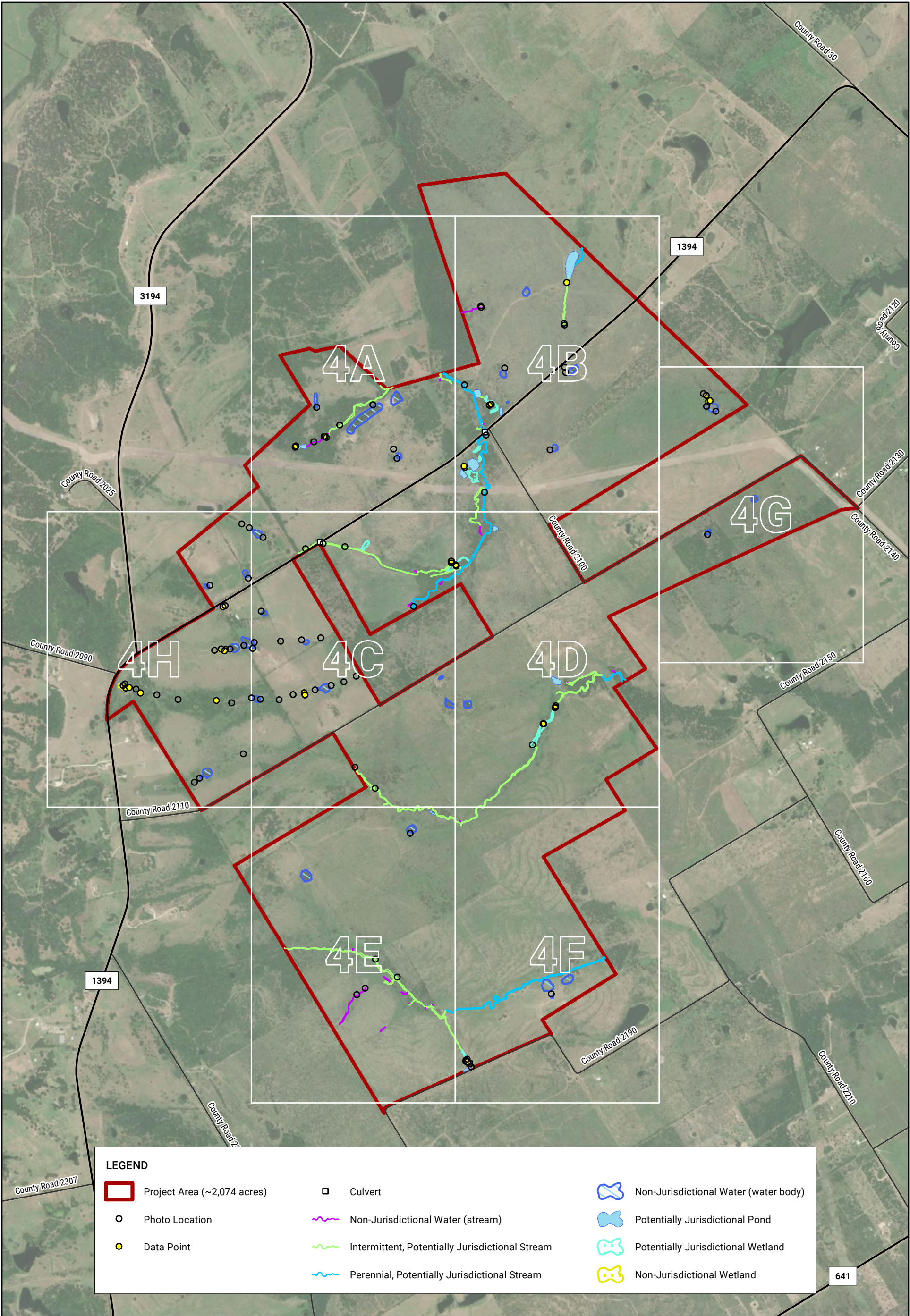
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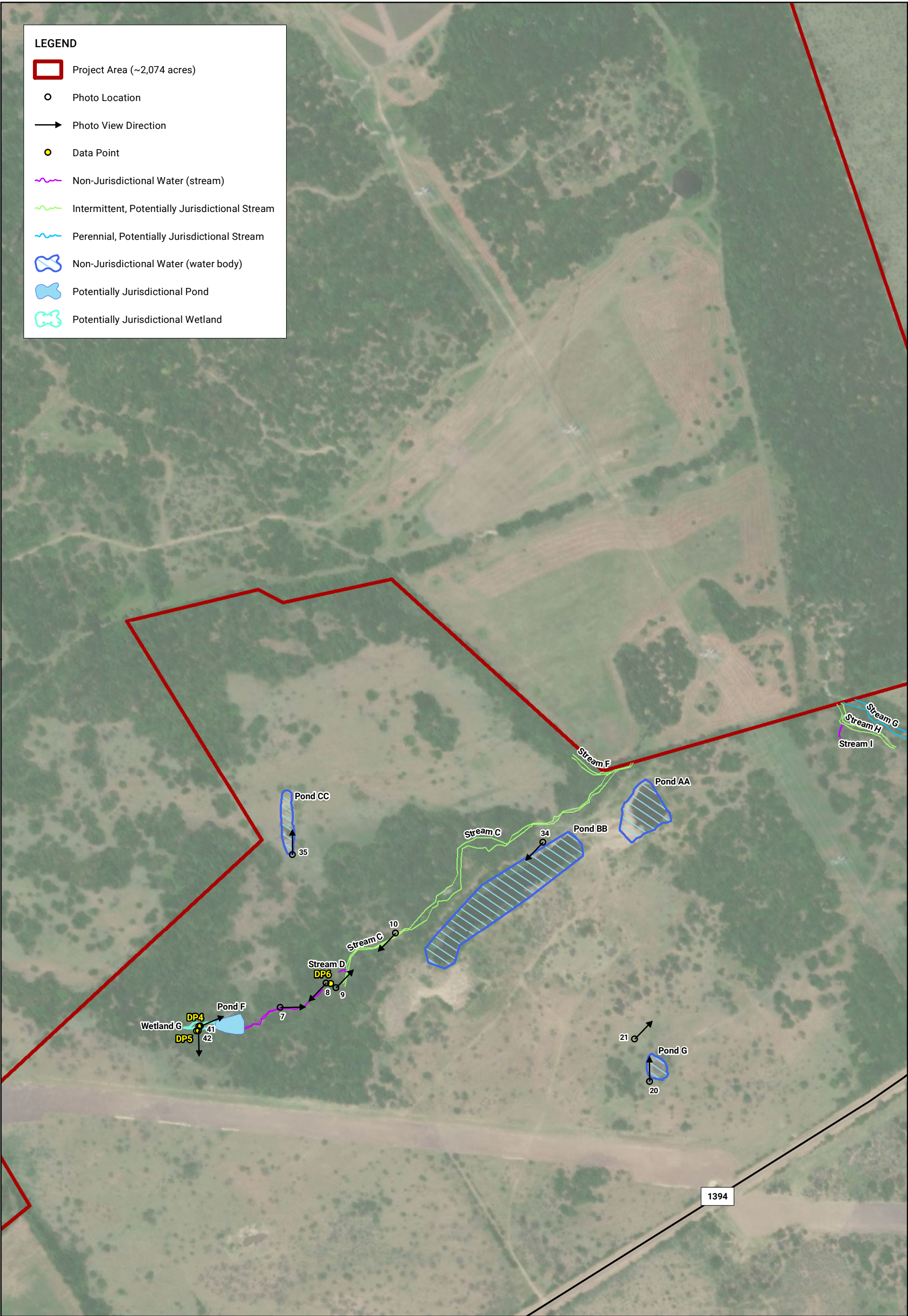


Label	Map Unit	Hydric Rating	Percent of Project Area
AIC	Altoga silty clay, 2 to 5 percent slopes	0	2.4
BmB	Bonham loam, 1 to 3 percent slopes	0	2.8
BuA	Burleson clay, 0 to 1 percent slopes	0	4.5
BuB	Burleson clay, 1 to 3 percent slopes	0	3.1
CrA	Crockett fine sandy loam, 0 to 1 percent slopes	0	1.9
CrB	Crockett fine sandy loam, 1 to 3 percent slopes	0	0.2
CtC2	Crockett soils, 2 to 5 percent slopes, eroded	0	1.8
EnC	Engle clay loam, 1 to 5 percent slopes	0	4.0
FeD2	Ferris clay, 3 to 8 percent slopes, eroded	0	1.0
HaB	Heiden clay, 1 to 3 percent slopes	0	0.4
HaC	Heiden clay, 3 to 5 percent slopes	0	4.5
HaC2	Heiden clay, 3 to 5 percent slopes, eroded	0	0.1
HbA	Houston Black clay, 0 to 1 percent slopes	0	5.9
HbB	Houston Black clay, 1 to 3 percent slopes	0	12.7
LaD	Lamar clay loam, 3 to 8 percent slopes	0	0.3
PuC	Purves rocky clay, 1 to 5 percent slopes	0	1.2
Tn	Trinity clay, 0 to 1 percent slopes, occasionally flooded	1	<0.1
Tr	Trinity clay, 0 to 1 percent slopes, frequently flooded	96	5.4
VeE	Venus complex, 5 to 15 percent slopes	0	<0.1
WIA	Mabank very fine sandy loam, 0 to 1 percent slopes	0	1.9
WnA	Wilson clay loam, 0 to 1 percent slopes	0	20.8
WnB	Wilson clay loam, 1 to 3 percent slopes	0	23.5
WnC	Wilson clay loam, 3 to 5 percent slopes	0	1.5
WnC2	Wilson clay loam, 2 to 5 percent slopes, eroded	0	0.2

LEGEND

- Project Area (~2,074 acres)
- Soil Map Unit





LEGEND

Project Area (~2,074 acres)

Photo Location

Photo View Direction

Data Point

Non-Jurisdictional Water (stream)

Intermittent, Potentially Jurisdictional Stream

Perennial, Potentially Jurisdictional Stream

Non-Jurisdictional Water (water body)

Potentially Jurisdictional Pond

Potentially Jurisdictional Wetland

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Pisgah Ridge Solar Project
Field-Identified Waters

Project Location: Navarro County, Texas

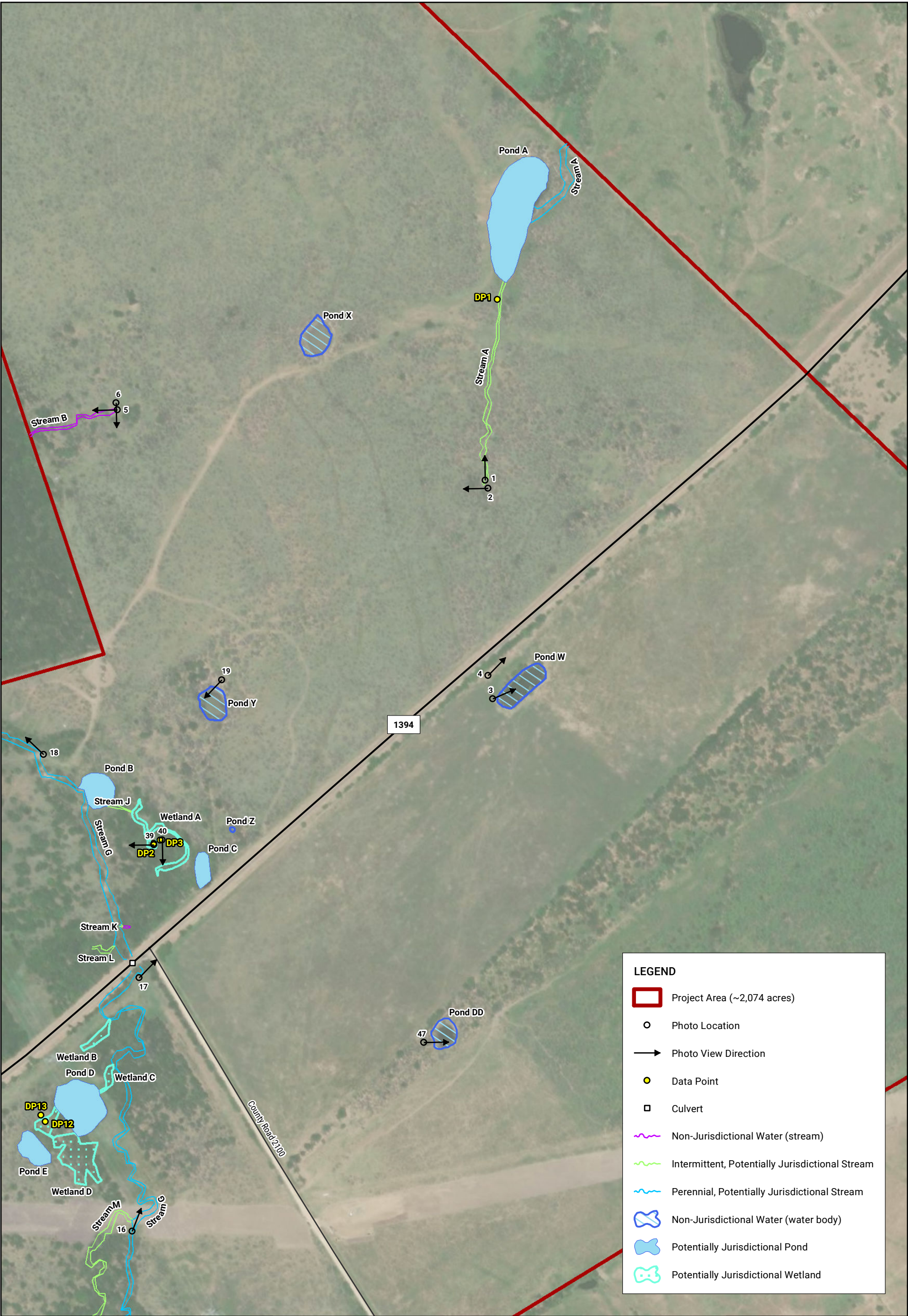


0 180 360 Feet

FIGURE 4A

Prepared by: J. Hobbs

Date: 2020-08-27



LEGEND

- Project Area (~2,074 acres)
- Photo Location
- Photo View Direction
- Data Point
- Culvert
- Non-Jurisdictional Water (stream)
- Intermittent, Potentially Jurisdictional Stream
- Perennial, Potentially Jurisdictional Stream
- Non-Jurisdictional Water (water body)
- Potentially Jurisdictional Pond
- Potentially Jurisdictional Wetland

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Pisgah Ridge Solar Project
Field-Identified Waters

Project Location: Navarro County, Texas



0 180 360 Feet

FIGURE 4B

Prepared by: J. Hobbs

Date: 2020-08-27

