



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, MOBILE DISTRICT  
600 VESTAVIA PARKWAY, SUITE 300  
VESTAVIA HILLS, ALABAMA 35216

CESAM-RD-N

June 18, 2025

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Pre-2015 Regulatory Regime  
Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322  
(2023),<sup>1</sup> SAM-2021-00736-AKG; MFR #1 of #1<sup>2</sup>

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.<sup>3</sup> AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.<sup>4</sup> For the purposes of this AJD, we have relied on section 10 of the Rivers and Harbors Act of 1899 (RHA),<sup>5</sup> the Clean Water Act (CWA) implementing regulations published by the Department of the Army in 1986 and amended in 1993 (references 2.a. and 2.b. respectively), the 2008 *Rapanos-Carabell* guidance (reference 2.c.), and other applicable guidance, relevant case law and longstanding practice, (collectively the pre-2015 regulatory regime), and the *Sackett* decision (reference 2.d.) in evaluating jurisdiction.

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. The features addressed in this AJD were evaluated consistent with the definition of “waters of the United States” found in the pre-2015 regulatory regime and consistent with the Supreme Court’s decision in *Sackett*. This AJD did not rely on the 2023 “Revised Definition of ‘Waters of the United States,’” as

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<sup>1</sup> While the Supreme Court’s decision in *Sackett* had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.

<sup>2</sup> When documenting aquatic resources within the review area that are jurisdictional under the Clean Water Act (CWA), use an additional MFR and group the aquatic resources on each MFR based on the TNW, interstate water, or territorial seas that they are connected to. Be sure to provide an identifier to indicate when there are multiple MFRs associated with a single AJD request (i.e., number them 1, 2, 3, etc.).

<sup>3</sup> 33 CFR 331.2.

<sup>4</sup> Regulatory Guidance Letter 05-02.

<sup>5</sup> USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

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amended on 8 September 2023 (Amended 2023 Rule) because, as of the date of this decision, the Amended 2023 Rule is not applicable in Alabama due to litigation.

1. SUMMARY OF CONCLUSIONS.

- a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).

Aquatic Resource	Jurisdictional Status
BE1	Non-jurisdictional, non-relatively permanent waters
BE2	Non-jurisdictional, non-relatively permanent waters
BE3	Non-jurisdictional, non-relatively permanent waters
BE4	Non-jurisdictional, non-relatively permanent waters
BE5	Non-jurisdictional, non-relatively permanent waters
BE6	Non-jurisdictional, non-relatively permanent waters
BE7	Non-jurisdictional, non-relatively permanent waters
BE8	Non-jurisdictional, non-relatively permanent waters
BE9	Non-jurisdictional, non-relatively permanent waters
BE10	Non-jurisdictional, non-relatively permanent waters
BE11	Non-jurisdictional, non-relatively permanent waters
BE12	Non-jurisdictional, non-relatively permanent waters
BE13	Non-jurisdictional, non-relatively permanent waters
BE14	Non-jurisdictional, non-relatively permanent waters
BE15	Non-jurisdictional, non-relatively permanent waters
BE16	Non-jurisdictional, non-relatively permanent waters
BE17	Non-jurisdictional, non-relatively permanent waters
BE18	Non-jurisdictional, non-relatively permanent waters
BE19	Non-jurisdictional, non-relatively permanent waters
BE20	Non-jurisdictional, non-relatively permanent waters
BE21	Non-jurisdictional, non-relatively permanent waters
BE22	Non-jurisdictional, non-relatively permanent waters
BE23	Non-jurisdictional, non-relatively permanent waters
BE24	Non-jurisdictional, non-relatively permanent waters
BE25	Non-jurisdictional, non-relatively permanent waters
BE26	Non-jurisdictional, non-relatively permanent waters
BE27	Non-jurisdictional, non-relatively permanent waters
BE28	Non-jurisdictional, non-relatively permanent waters
BE29	Non-jurisdictional, non-relatively permanent waters
BE30	Non-jurisdictional, non-relatively permanent waters
BE31	Non-jurisdictional, non-relatively permanent waters
BE32	Non-jurisdictional, non-relatively permanent waters
BE33	Non-jurisdictional, non-relatively permanent waters
BE34	Non-jurisdictional, non-relatively permanent waters
BE35	Non-jurisdictional, non-relatively permanent waters
BE36	Non-jurisdictional, non-relatively permanent waters

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BE37	Non-jurisdictional, non-relatively permanent waters
BE38	Non-jurisdictional, non-relatively permanent waters
BE39	Non-jurisdictional, non-relatively permanent waters
BE40	Non-jurisdictional, non-relatively permanent waters
BE41	Non-jurisdictional, non-relatively permanent waters
BE42	Non-jurisdictional, non-relatively permanent waters
BE43	Non-jurisdictional, non-relatively permanent waters
BE44	Non-jurisdictional, non-relatively permanent waters
BE45	Non-jurisdictional, non-relatively permanent waters
BE46	Non-jurisdictional, non-relatively permanent waters
BE47	Non-jurisdictional, non-relatively permanent waters
BE48	Non-jurisdictional, non-relatively permanent waters
BE49	Non-jurisdictional, non-relatively permanent waters
BE50	Non-jurisdictional, non-relatively permanent waters
BE51	Non-jurisdictional, non-relatively permanent waters
BE52	Non-jurisdictional, non-relatively permanent waters
BE53	Non-jurisdictional, non-relatively permanent waters
BE54	Non-jurisdictional, non-relatively permanent waters
BE55	Non-jurisdictional, non-relatively permanent waters
BE56	Non-jurisdictional, non-relatively permanent waters
BE57	Non-jurisdictional, non-relatively permanent waters
BE58	Non-jurisdictional, non-relatively permanent waters
BE59	Non-jurisdictional, non-relatively permanent waters
BE60	Non-jurisdictional, non-relatively permanent waters
BE61	Non-jurisdictional, non-relatively permanent waters
BE62	Non-jurisdictional, non-relatively permanent waters
BE63	Non-jurisdictional, non-relatively permanent waters
BE64	Non-jurisdictional, non-relatively permanent waters
BE65	Non-jurisdictional, non-relatively permanent waters
BE66	Non-jurisdictional, non-relatively permanent waters
BE67	Non-jurisdictional, non-relatively permanent waters
BE68	Non-jurisdictional, non-relatively permanent waters
BE69	Non-jurisdictional, non-relatively permanent waters
BE70	Non-jurisdictional, non-relatively permanent waters
BE71	Non-jurisdictional, non-relatively permanent waters
BE72	Non-jurisdictional, non-relatively permanent waters
BE73	Non-jurisdictional, non-relatively permanent waters
BE74	Non-jurisdictional, non-relatively permanent waters
BE75	Non-jurisdictional, non-relatively permanent waters
BE76	Non-jurisdictional, non-relatively permanent waters
BE77	Non-jurisdictional, non-relatively permanent waters
BE78	Non-jurisdictional, non-relatively permanent waters
BE79	Non-jurisdictional, non-relatively permanent waters
BE80	Non-jurisdictional, non-relatively permanent waters
BE81	Non-jurisdictional, non-relatively permanent waters
BE82	Non-jurisdictional, non-relatively permanent waters
BE83	Non-jurisdictional, non-relatively permanent waters
BE84	Non-jurisdictional, non-relatively permanent waters
BE85	Non-jurisdictional, non-relatively permanent waters

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BE86	Non-jurisdictional, non-relatively permanent waters
BE87	Non-jurisdictional, non-relatively permanent waters
BW4	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW5	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW7	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW18	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW19	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW23	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW29	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW31	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW32	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW35	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW38	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW39	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW45	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW46	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW47	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW48	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW49	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW50	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW52	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW53	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW55	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW56	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW58	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW61	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary



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BW62	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW64	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW65	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW67	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW68	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW69	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW72	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW75	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW77	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW78	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW82	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW83	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW84	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW85	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW86	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW87	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW88	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW89	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW90	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW95	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW97	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW107	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW112	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW113	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW114	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary

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BW117	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW118	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW119	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW120	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW129	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW130	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW131	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW133	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW134	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW135	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW136	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW137	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW149	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW150	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW151	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW156	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW157	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW158	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW159	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW160	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW162	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW163	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW164	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW165	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW166	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary

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BW167	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW168	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW169	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW170	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW171	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
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BW179	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW180	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW181	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW182	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW183	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW186	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW187	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW188	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW193	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW194	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW196	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW198	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW199	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW203	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW204	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW205	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW206	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW207	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary

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BW212	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW213	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW214	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW215	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
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BW219	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW220	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW222	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW223	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW227	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW228	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW230	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW231	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW232	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW237	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW244	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW245	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW255	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW256	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW264	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW266	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW269	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW271	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW274	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary

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BW279	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW280	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW287	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW291	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW292	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW293	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW294	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW308	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW309	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW310	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW311	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW312	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW314	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW317	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW318	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW319	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW320	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW330	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW331	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW332	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW333	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW334	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW335	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW336	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary

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BW337	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW338	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW346	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW347	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW354	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW356	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW357	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW364	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW371	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW372	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW373	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW376	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary
BW377	Non-jurisdictional wetland without a continuous surface connection to a relatively permanent tributary

## 2. REFERENCES.

- a. Final Rule for Regulatory Programs of the Corps of Engineers, 51 FR 41206 (November 13, 1986).
- b. Clean Water Act Regulatory Programs, 58 FR 45008 (August 25, 1993).
- c. U.S. EPA & U.S. Army Corps of Engineers, Clean Water Act Jurisdiction Following the U.S. Supreme Court's Decision in *Rapanos v. United States & Carabell v. United States* (December 2, 2008)
- d. *Sackett v. EPA*, 598 U.S. 651, 143 S. Ct. 1322 (2023)

3. REVIEW AREA. The AJD review area is limited to the aquatic resources listed in the table in Section 1 within a 2,873-acre linear transportation project located in wetlands and tributaries to Mud Creek, Whirl Creek, Sam's Creek, Sweetwater Creek, Beaver Creek, Springfield Creek, Little Creek, Mill Creek, and other waters near the Cities of Thomasville, Dixon Mills, Wayne, Linden, Providence, and Gallion in Clarke, Marengo, and Hale Counties, Alabama. More specifically, the project is located along 24-miles of

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U.S. Highway 43 (US 43) commencing near Latitude 31.938615 North, Longitude 87.737193 West and terminating near Latitude 32.264244 North, Longitude 87.794696, and 12-miles of State Road 69 (SR 69) commencing near Latitude 32.360458 North, Longitude 87.756323 West and terminating near Latitude 32.516792 North, Longitude 87.694230 West within Sections 2 and 11, Township 11 North, Range 3 East; Sections 4, 9, 15, 16, 22, 27, 34 and 35, Township 12 North, Range 3 East; Sections 3, 4, 9, 16, 21, 28 and 33 Township 13 North, Range 3 East; Sections 4, 9, 15, 16, 21, 28 and 33 Township 14 North, Range 3 East; Sections 16, 17, 20, 21, 28, 29, and 33, Township 15 North, Range 3 East; Sections 11, 12 and 14, Township 16 North, Range 3 East; Sections 5, 6 and 7, Township 16 North, Range 4 East; Sections 5, 7, 8, 17, 18, 19, 20, 29, 31 and 32, Township 17 North, Range 4 East; Sections 28, 29 and 32, Township 18 North, Range 4 East. The project is in the Middle Tombigbee-Chickasaw 8-digit hydrologic unit code (HUC 03160201) and Lower Black Warrior (HUC 03160113). The review area is depicted on the attached Figures. A PJD has been prepared for the remaining aquatic features in the project boundary.

4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), INTERSTATE WATER, OR THE TERRITORIAL SEAS TO WHICH THE AQUATIC RESOURCE IS CONNECTED.<sup>6</sup>

- a. The ephemeral streams are not connected to a TNW, interstate water or territorial seas.
- b. The wetlands are not connected to a TNW, interstate water or territorial seas.

5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, INTERSTATE WATER, OR THE TERRITORIAL SEAS

- a. The ephemeral streams are not connected to a TNW, interstate water or territorial seas.
- b. The wetlands are not connected to a TNW, interstate water or territorial seas.

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<sup>6</sup> This MFR should not be used to complete a new stand-alone TNW determination. A stand-alone TNW determination for a water that is not subject to Section 9 or 10 of the Rivers and Harbors Act of 1899 (RHA) 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.

6. SECTION 10 JURISDICTIONAL WATERS<sup>7</sup>: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.<sup>8</sup> N/A
7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the pre-2015 regulatory regime and consistent with the Supreme Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the pre-2015 regulatory regime. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.
  - a. TNWs (a)(1): N/A
  - b. Interstate Waters (a)(2): N/A
  - c. Other Waters (a)(3): N/A
  - d. Impoundments (a)(4): N/A
  - e. Tributaries (a)(5): N/A
  - f. The territorial seas (a)(6): N/A
  - g. Adjacent wetlands (a)(7): N/A

## 8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

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<sup>7</sup> 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as "navigable in law" even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

<sup>8</sup> This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.



- a. Describe aquatic resources and other features within the review area identified as “generally non-jurisdictional” in the preamble to the 1986 regulations (referred to as “preamble waters”).<sup>9</sup> Include size of the aquatic resource or feature within the review area and describe how it was determined to be non-jurisdictional under the CWA as a preamble water. N/A
- b. Describe aquatic resources and features within the review area identified as “generally not jurisdictional” in the *Rapanos* guidance. Include size of the aquatic resource or feature within the review area and describe how it was determined to be non-jurisdictional under the CWA based on the criteria listed in the guidance. N/A
- c. Describe aquatic resources and features identified within the review area as waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA. Include the size of the waste treatment system within the review area and describe how it was determined to be a waste treatment system. N/A
- d. Describe aquatic resources and features within the review area determined to be prior converted cropland in accordance with the 1993 regulations (reference 2.b.). Include the size of the aquatic resource or feature within the review area and describe how it was determined to be prior converted cropland. N/A
- e. Describe aquatic resources (i.e. lakes and ponds) within the review area, which do not have a nexus to interstate or foreign commerce, and prior to the January 2001 Supreme Court decision in “*SWANCC*,” would have been jurisdictional based solely on the “Migratory Bird Rule.” Include the size of the aquatic resource or feature, and how it was determined to be an “isolated water” in accordance with *SWANCC*. N/A
- f. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the pre-2015 regulatory regime consistent with the Supreme Court’s decision in *Sackett* (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).
- i. The aquatic resources described in the table below are non-jurisdictional, non-relatively permanent waters. These resources only flow in response to precipitation events and they lack baseflow, evidence of a continuous ordinary

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<sup>9</sup> 51 FR 41217, November 13, 1986.

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high water mark, and sediment sorting. There are a total of 87 non-relatively permanent waters (ephemeral streams) totaling 9,712 linear feet (0.934 acre).

<b>Waters_Name</b>	<b>HGM_Code</b>	<b>Amount</b>	<b>Waters_Type</b>	<b>Latitude</b>	<b>Longitude</b>
BE1	R6 RIVERINE	87 LF (0.007 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.948805	-87.738457
BE2	R6 RIVERINE	105 LF (0.012 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.948997	-87.738617
BE3	R6 RIVERINE	103 LF (0.009 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.949177	-87.738647
BE4	R6 RIVERINE	70 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.949228	-87.738731
BE5	R6 RIVERINE	278 LF (0.042 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.952341	-87.739868
BE6	R6 RIVERINE	169 LF (0.019 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.953249	-87.740532
BE7	R6 RIVERINE	65 LF (0.004 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.956602	-87.741135
BE8	R6 RIVERINE	139 LF (0.018 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.962103	-87.742828
BE9	R6 RIVERINE	77 LF (0.011 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.962257	-87.743309
BE10	R6 RIVERINE	31 LF (0.004 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.963541	-87.743324
BE11	R6 RIVERINE	71 LF (0.005 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.964254	-87.745483
BE12	R6 RIVERINE	216 LF (0.024 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.971083	-87.751923
BE13	R6 RIVERINE	94 LF (0.008 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.972849	-87.753281
BE14	R6 RIVERINE	110 LF (0.005 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.976606	-87.754326
BE15	R6 RIVERINE	73 LF (0.004 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.979055	-87.755699
BE16	R6 RIVERINE	19 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.983145	-87.757439
BE17	R6 RIVERINE	152 LF (0.024 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.983147	-87.756523
BE18	R6 RIVERINE	136 LF (0.005 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.984465	-87.757050
BE19	R6 RIVERINE	59 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.986725	-87.757080
BE20	R6 RIVERINE	59 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.989195	-87.757874
BE21	R6 RIVERINE	34 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.989315	-87.758057

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BE22	R6 RIVERINE	120 LF (0.007 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.992006	-87.759056
BE23	R6 RIVERINE	47 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.993332	-87.760971
BE24	R6 RIVERINE	157 LF (0.007 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.996351	-87.763420
BE25	R6 RIVERINE	105 LF (0.008 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	31.999809	-87.764915
BE26	R6 RIVERINE	103 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.000980	-87.765274
BE27	R6 RIVERINE	101 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.001148	-87.765297
BE28	R6 RIVERINE	100 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.002460	-87.765755
BE29	R6 RIVERINE	48 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.003502	-87.766205
BE30	R6 RIVERINE	119 LF (0.008 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.006302	-87.767052
BE31	R6 RIVERINE	122 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.008270	-87.767120
BE32	R6 RIVERINE	155 LF (0.021 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.009003	-87.768280
BE33	R6 RIVERINE	50 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.011436	-87.768814
BE34	R6 RIVERINE	89 LF (0.004 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.012379	-87.769112
BE35	R6 RIVERINE	58 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.012394	-87.769440
BE36	R6 RIVERINE	162 LF (0.018 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.012730	-87.769562
BE37	R6 RIVERINE	49 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.030994	-87.777763
BE38	R6 RIVERINE	95 LF (0.012 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.033291	-87.779251
BE39	R6 RIVERINE	37 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.033375	-87.779572
BE40	R6 RIVERINE	24 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.033375	-87.779381
BE41	R6 RIVERINE	44 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.037704	-87.781258
BE42	R6 RIVERINE	198 LF (0.061 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.075413	-87.782417
BE43	R6 RIVERINE	85 LF (0.007 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.080830	-87.780670
BE44	R6 RIVERINE	100 LF (0.006 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.109516	-87.781525
BE45	R6 RIVERINE	102 LF (0.013 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.120949	-87.777252
BE46	R6 RIVERINE	49 LF (0.008 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.121021	-87.777634

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BE47	R6 RIVERINE	23 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.123001	-87.777847
BE48	R6 RIVERINE	183 LF (0.012 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.126419	-87.778976
BE49	R6 RIVERINE	163 LF (0.010 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.128197	-87.779709
BE50	R6 RIVERINE	147 LF (0.019 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.128448	-87.779388
BE51	R6 RIVERINE	52 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.130112	-87.780258
BE52	R6 RIVERINE	440 LF (0.063 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.130642	-87.780975
BE53	R6 RIVERINE	183 LF (0.011 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.131599	-87.781075
BE54	R6 RIVERINE	316 LF (0.028 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.147789	-87.782532
BE55	R6 RIVERINE	162 LF (0.013 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.155994	-87.784691
BE56	R6 RIVERINE	62 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.167854	-87.783287
BE57	R6 RIVERINE	151 LF (0.007 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.170021	-87.782906
BE58	R6 RIVERINE	141 LF (0.007 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.170265	-87.782539
BE59	R6 RIVERINE	138 LF (0.008 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.174232	-87.781174
BE60	R6 RIVERINE	75 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.177593	-87.779144
BE61	R6 RIVERINE	164 LF (0.011 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.185825	-87.776764
BE62	R6 RIVERINE	103 LF (0.009 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.186348	-87.777206
BE63	R6 RIVERINE	57 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.189716	-87.779152
BE64	R6 RIVERINE	58 LF (0.005 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.195835	-87.782051
BE65	R6 RIVERINE	101 LF (0.010 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.202408	-87.784401
BE66	R6 RIVERINE	180 LF (0.024 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.204731	-87.786072
BE67	R6 RIVERINE	183 LF (0.013 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.205490	-87.786461
BE68	R6 RIVERINE	63 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.209038	-87.787468
BE69	R6 RIVERINE	52 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.209137	-87.786659
BE70	R6 RIVERINE	69 LF (0.009 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.210304	-87.787346
BE71	R6 RIVERINE	88 LF (0.009 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.210331	-87.787781

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BE72	R6 RIVERINE	292 LF (0.023 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.228264	-87.792892
BE73	R6 RIVERINE	49 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.230385	-87.793060
BE74	R6 RIVERINE	37 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.230507	-87.793251
BE75	R6 RIVERINE	44 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.235790	-87.793938
BE76	R6 RIVERINE	48 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.239174	-87.795296
BE77	R6 RIVERINE	41 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.243771	-87.794922
BE78	R6 RIVERINE	32 LF (0.003 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.249577	-87.795273
BE79	R6 RIVERINE	102 LF (0.004 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.379055	-87.722923
BE80	R6 RIVERINE	26 LF (0.001 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.384399	-87.718246
BE81	R6 RIVERINE	45 LF (0.005 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.400455	-87.707901
BE82	R6 RIVERINE	29 LF (0.002 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.435837	-87.710930
BE83	R6 RIVERINE	111 LF (0.004 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.436306	-87.711311
BE84	R6 RIVERINE	154 LF (0.014 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.439468	-87.712212
BE85	R6 RIVERINE	264 LF (0.043 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.499401	-87.698265
BE86	R6 RIVERINE	539 LF (0.083 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.501049	-87.697510
BE87	R6 RIVERINE	78 LF (0.018 acre)	NON-WOTUS- TRIB.NEGATIVE-A5	32.511837	-87.694244

ii. The aquatic resources described in the table below are non-tidal, non-jurisdictional depressional areas surrounded by uplands with no flow into or out of the wetland and no continuous surface connections to a TNW, interstate water, territorial seas, relatively permanent tributary, or impoundment. There are a total of 161 non-tidal, non-jurisdictional depressional wetlands totaling 39.702 acres.

<b>Waters_Name</b>	<b>HGM_Code</b>	<b>Amount</b>	<b>Waters_Type</b>	<b>Latitude</b>	<b>Longitude</b>
BW4	PFO DEPRESS	0.614 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.957232	-87.741180
BW5	PEM DEPRESS	0.003 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.959648	-87.740631
BW7	PFO DEPRESS	0.045 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.962223	-87.743103

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BW18	PFO DEPRESS	0.036 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.968597	-87.751076
BW19	PFO DEPRESS	0.066 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.968849	-87.750778
BW23	PEM DEPRESS	0.188 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.970940	-87.752747
BW29	PEM DEPRESS	0.053 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.979059	-87.756401
BW31	PEM DEPRESS	0.036 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.979836	-87.756599
BW32	PEM DEPRESS	0.020 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.980293	-87.756836
BW35	PEM DEPRESS	0.071 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.986715	-87.757713
BW38	PFO DEPRESS	0.255 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.991180	-87.759361
BW39	PFO DEPRESS	0.128 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.991743	-87.758995
BW45	PFO DEPRESS	0.224 acre	NON-WOTUS- WETL.NEGATIVE-A7	31.999023	-87.763962
BW46	PEM DEPRESS	0.053 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.000660	-87.764732
BW47	PFO DEPRESS	0.008 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.002934	-87.765808
BW48	PFO DEPRESS	0.007 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.006115	-87.766953
BW49	PFO DEPRESS	0.370 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.006165	-87.766472
BW50	PFO DEPRESS	0.022 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.006496	-87.767113
BW52	PFO DEPRESS	0.003 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.006847	-87.767342
BW53	PEM DEPRESS	0.008 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.006912	-87.766846
BW55	PEM DEPRESS	0.026 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.007294	-87.766998
BW56	PEM DEPRESS	0.042 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.007942	-87.767212
BW58	PEM DEPRESS	0.042 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.009666	-87.767815
BW61	PFO DEPRESS	0.041 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.011261	-87.768723
BW62	PEM DEPRESS	0.052 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.011372	-87.768394
BW64	PFO DEPRESS	0.025 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.012482	-87.769508
BW65	PFO DEPRESS	0.010 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.012619	-87.769150
BW67	PFO DEPRESS	0.047 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.012817	-87.769753

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BW68	PEM DEPRESS	0.037 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.012939	-87.769218
BW69	PFO DEPRESS	0.054 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.013096	-87.769676
BW72	PEM DEPRESS	0.074 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.016594	-87.770195
BW75	PEM DEPRESS	0.011 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.018581	-87.770859
BW77	PEM DEPRESS	0.113 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.020325	-87.772087
BW78	PEM DEPRESS	0.175 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.022007	-87.773064
BW82	PEM DEPRESS	0.071 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.024529	-87.774513
BW83	PEM DEPRESS	0.080 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.024765	-87.774902
BW84	PFO DEPRESS	0.619 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.025620	-87.775856
BW85	PFO DEPRESS	0.268 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.025921	-87.775063
BW86	PFO DEPRESS	0.394 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.027023	-87.776505
BW87	PFO DEPRESS	0.176 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.027241	-87.775902
BW88	PEM DEPRESS	0.064 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.028160	-87.776863
BW89	PEM DEPRESS	0.016 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.029739	-87.777611
BW90	PFO DEPRESS	0.022 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.031094	-87.777809
BW95	PFO DEPRESS	0.015 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.033245	-87.779449
BW97	PEM DEPRESS	0.058 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.034081	-87.779533
BW107	PFO DEPRESS	0.047 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.051384	-87.781120
BW112	PFO DEPRESS	0.076 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.055786	-87.780853
BW113	PFO DEPRESS	0.984 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.056911	-87.781464
BW114	PFO DEPRESS	1.482 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.059193	-87.781624
BW117	PFO DEPRESS	1.744 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.071751	-87.783356
BW118	PFO DEPRESS	0.341 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.080479	-87.780380
BW119	PFO DEPRESS	0.537 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.081165	-87.781242
BW120	PFO DEPRESS	0.609 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.092625	-87.781197

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BW129	PEM DEPRESS	0.042 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.103127	-87.781425
BW130	PEM DEPRESS	0.211 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.103508	-87.782013
BW131	PEM DEPRESS	0.015 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.121319	-87.777382
BW133	PFO DEPRESS	0.264 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.122578	-87.777443
BW134	PFO DEPRESS	0.708 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.125271	-87.778389
BW135	PFO DEPRESS	1.000 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.127205	-87.779526
BW136	PFO DEPRESS	0.013 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.128902	-87.779678
BW137	PFO DEPRESS	0.387 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.129799	-87.779930
BW149	PEM DEPRESS	0.096 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.139220	-87.782340
BW150	PEM DEPRESS	1.246 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.139515	-87.783035
BW151	PFO DEPRESS	0.031 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.140440	-87.783050
BW156	PEM DEPRESS	0.986 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.147011	-87.783051
BW157	PEM DEPRESS	0.997 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.150230	-87.782875
BW158	PEM DEPRESS	0.106 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.150646	-87.783714
BW159	PFO DEPRESS	0.164 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.155807	-87.785477
BW160	PFO DEPRESS	0.023 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.158470	-87.785660
BW162	PEM DEPRESS	0.714 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.163528	-87.783813
BW163	PFO DEPRESS	0.124 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.168278	-87.782295
BW164	PFO DEPRESS	0.054 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.169811	-87.783165
BW165	PFO DEPRESS	0.242 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.170105	-87.782143
BW166	PFO DEPRESS	0.034 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.173645	-87.780769
BW167	PEM DEPRESS	0.049 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.173935	-87.781273
BW168	PFO DEPRESS	1.374 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.177681	-87.778427
BW169	PEM DEPRESS	0.309 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.178539	-87.778694
BW170	PFO DEPRESS	0.353 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.179100	-87.778526



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BW171	PFO DEPRESS	0.249 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.184406	-87.776505
BW172	PFO DEPRESS	0.016 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.186443	-87.777016
BW173	PEM DEPRESS	0.021 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.190010	-87.779587
BW179	PEM DEPRESS	0.200 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.196301	-87.782372
BW180	PEM DEPRESS	0.048 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.197647	-87.782860
BW181	PEM DEPRESS	0.040 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.198086	-87.782967
BW182	PEM DEPRESS	0.227 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.198982	-87.783470
BW183	PEM DEPRESS	0.109 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.199814	-87.783081
BW186	PEM DEPRESS	0.035 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.203007	-87.785118
BW187	PEM DEPRESS	0.020 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.203781	-87.785545
BW188	PEM DEPRESS	0.035 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.204212	-87.785789
BW193	PFO DEPRESS	0.380 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.207729	-87.787155
BW194	PEM DEPRESS	0.005 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.210033	-87.787292
BW196	PFO DEPRESS	0.050 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.210457	-87.788010
BW198	PEM DEPRESS	0.023 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.212048	-87.787849
BW199	PEM DEPRESS	0.086 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.215183	-87.789009
BW203	PEM DEPRESS	0.051 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.225361	-87.791992
BW204	PEM DEPRESS	0.052 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.226376	-87.792709
BW205	PEM DEPRESS	0.012 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.226955	-87.792770
BW206	PFO DEPRESS	0.129 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.227154	-87.791954
BW207	PEM DEPRESS	0.034 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.227482	-87.792801
BW212	PEM DEPRESS	0.051 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.229130	-87.792960
BW213	PEM DEPRESS	0.018 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.229713	-87.792999
BW214	PFO DEPRESS	1.698 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.229721	-87.792336
BW215	PEM DEPRESS	0.019 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.230049	-87.793030

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BW216	PEM DEPRESS	0.043 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.230576	-87.793083
BW218	PEM DEPRESS	0.003 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.232712	-87.793152
BW219	PEM DEPRESS	0.005 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.232891	-87.793175
BW220	PFO DEPRESS	0.057 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.234330	-87.793070
BW222	PFO DEPRESS	0.311 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.243801	-87.794533
BW223	PFO DEPRESS	0.500 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.244080	-87.795410
BW227	PFO DEPRESS	0.006 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.247730	-87.794785
BW228	PFO DEPRESS	0.256 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.249603	-87.794807
BW230	PEM DEPRESS	0.055 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.251625	-87.795166
BW231	PEM DEPRESS	0.272 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.253204	-87.795181
BW232	PEM DEPRESS	0.122 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.255325	-87.795189
BW237	PEM DEPRESS	0.139 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.364582	-87.745735
BW244	PEM DEPRESS	0.480 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.368320	-87.740260
BW245	PEM DEPRESS	0.016 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.370628	-87.735718
BW255	PEM DEPRESS	0.008 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.375805	-87.727608
BW256	PEM DEPRESS	0.278 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.376190	-87.727875
BW264	PEM DEPRESS	0.710 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.380451	-87.722229
BW266	PEM DEPRESS	0.020 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.382500	-87.719551
BW269	PEM DEPRESS	0.069 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.383503	-87.718712
BW271	PEM DEPRESS	0.019 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.384377	-87.718025
BW274	PEM DEPRESS	0.130 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.385807	-87.717239
BW279	PFO DEPRESS	2.039 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.389732	-87.714073
BW280	PFO DEPRESS	1.708 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.389927	-87.714775
BW287	PFO DEPRESS	0.354 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.395847	-87.710312

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BW291	PEM DEPRESS	0.107 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.398846	-87.708870
BW292	PFO DEPRESS	0.080 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.399361	-87.708366
BW293	PEM DEPRESS	0.237 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.400337	-87.707748
BW294	PEM DEPRESS	0.540 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.400768	-87.708519
BW308	PEM DEPRESS	0.341 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.412357	-87.707382
BW309	PEM DEPRESS	1.615 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.412483	-87.706825
BW310	PEM DEPRESS	0.014 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.413540	-87.707275
BW311	PEM DEPRESS	0.020 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.413551	-87.707100
BW312	PEM DEPRESS	0.015 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.414204	-87.707085
BW314	PEM DEPRESS	0.562 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.415131	-87.707489
BW317	PEM DEPRESS	0.003 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.417507	-87.707275
BW318	PEM DEPRESS	0.019 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.417889	-87.707275
BW319	PEM DEPRESS	0.004 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.418732	-87.707275
BW320	PEM DEPRESS	2.282 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.421566	-87.706970
BW330	PEM DEPRESS	0.108 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.436680	-87.711212
BW331	PEM DEPRESS	0.121 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.437820	-87.711754
BW332	PFO DEPRESS	0.329 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.438622	-87.711800
BW333	PEM DEPRESS	0.031 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.440678	-87.712433
BW334	PEM DEPRESS	0.061 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.440762	-87.712616
BW335	PEM DEPRESS	0.119 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.442154	-87.713043
BW336	PEM DEPRESS	0.006 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.443073	-87.713219
BW337	PEM DEPRESS	0.166 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.443779	-87.712807
BW338	PFO DEPRESS	0.113 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.446186	-87.713165
BW346	PEM DEPRESS	0.079 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.457981	-87.711220

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BW347	PEM DEPRESS	0.012 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.458595	-87.711349
BW354	PFO DEPRESS	0.313 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.467640	-87.710457
BW356	PEM DEPRESS	0.338 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.469795	-87.710480
BW357	PEM DEPRESS	0.106 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.470009	-87.710289
BW364	PEM DEPRESS	0.030 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.481316	-87.710716
BW371	PFO DEPRESS	0.033 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.490276	-87.704720
BW372	PEM DEPRESS	0.119 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.490284	-87.705231
BW373	PEM DEPRESS	0.423 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.494678	-87.702011
BW376	PEM DEPRESS	0.089 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.506042	-87.695343
BW377	PEM DEPRESS	0.025 acre	NON-WOTUS- WETL.NEGATIVE-A7	32.511597	-87.694511

9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.
- Joint site visit conducted with Agent June 13-14, 2022, joint site visit conducted with EPA July 25-26, 2023, and multiple in office desktop evaluation and discussions have been completed since 2021.
  - Aerial Figures 1 – 70 prepared by Volkert and dated June 2, 2025, to re-evaluate aquatic resources under Pre-2015 Post Sackett Decision Post EPA Guidance on CSC.
  - National Regulatory Viewer - USGS Topo map and aerial imagery; National Hydrography Data; National Wetland Inventory Data accessed September; FEMA Flood map; all accessed May 15, 2024;
  - Data sheets and resource photographs provided by Volkert June 19, 2024, for re-evaluated aquatic resources under Post Sackett Decision, and May 29, 2025, for re-evaluation Post EPA Guidance dated on June 2, 2025.
  - Google Earth Pro – Historic Aerials January 1992, October 2005, June 2006, September 2011, March 2013, February 2015, March 2019, December 2020, March 2023, April 2025.

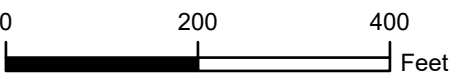
CESAM-RD-N

SUBJECT: Pre-2015 Regulatory Regime Approved Jurisdictional Determination in Light of *Sackett v. EPA*, 143 S. Ct. 1322 (2023), SAM-2021-00736-AKG

10. OTHER SUPPORTING INFORMATION.

- i. Memorandum to the Field Between the U.S. Department of the Army, U.S. Army Corps of Engineers, and the U.S. Environmental Protection Agency Concerning the Proper Implementation of “Continuous Surface Connection” Under the Definition of “Waters of the United States” under the Clean Water Act (March 12, 2025).
  - ii. A previous AJD Form SAM-2021-00736-AKG; AJD Form dated October 26, 2022, non-regulated waters/wetlands “isolated” wetlands. (superseded)
  - iii. Previous PJD Form SAM-2021-00736-AKG dated October 26, 2022. (superseded)
  - iv. Previous Pre-2015 Post Sackett AJD MFR SAM-2021-00736-AKG; MFR #1 of #2 dated July 3, 2024, non-jurisdictional wetlands without a continuous surface connection to a relatively permanent tributary. (superseded)
  - v. Previous Pre-2015 Post Sackett AJD MFR SAM-2021-00736-AKG; MFR #2 of #2 dated July 3, 2024, non-jurisdictional, non-relatively permanent waters ephemeral streams. (superseded)
  - vi. Previous Pre-2015 Post Sackett PJD SAM-2021-00736-AKG; ENG Form 6249 dated July 3, 2024. (superseded)
  - vii. Pre-2015 Post Sackett, Post EPA Guidance on CSC PJD SAM-2021-00736-AKG; ENG Form 6249 dated June 16, 2025. (concurrent with this AJD)
11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR’s structure and format may be subject to future modification or may be rescinded as needed to implement additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.





1 inch = 200 feet

Note: This map is not intended for construction.





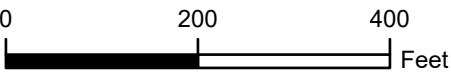


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**Legend**

Ephemeral

Study Area



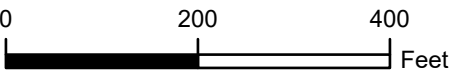
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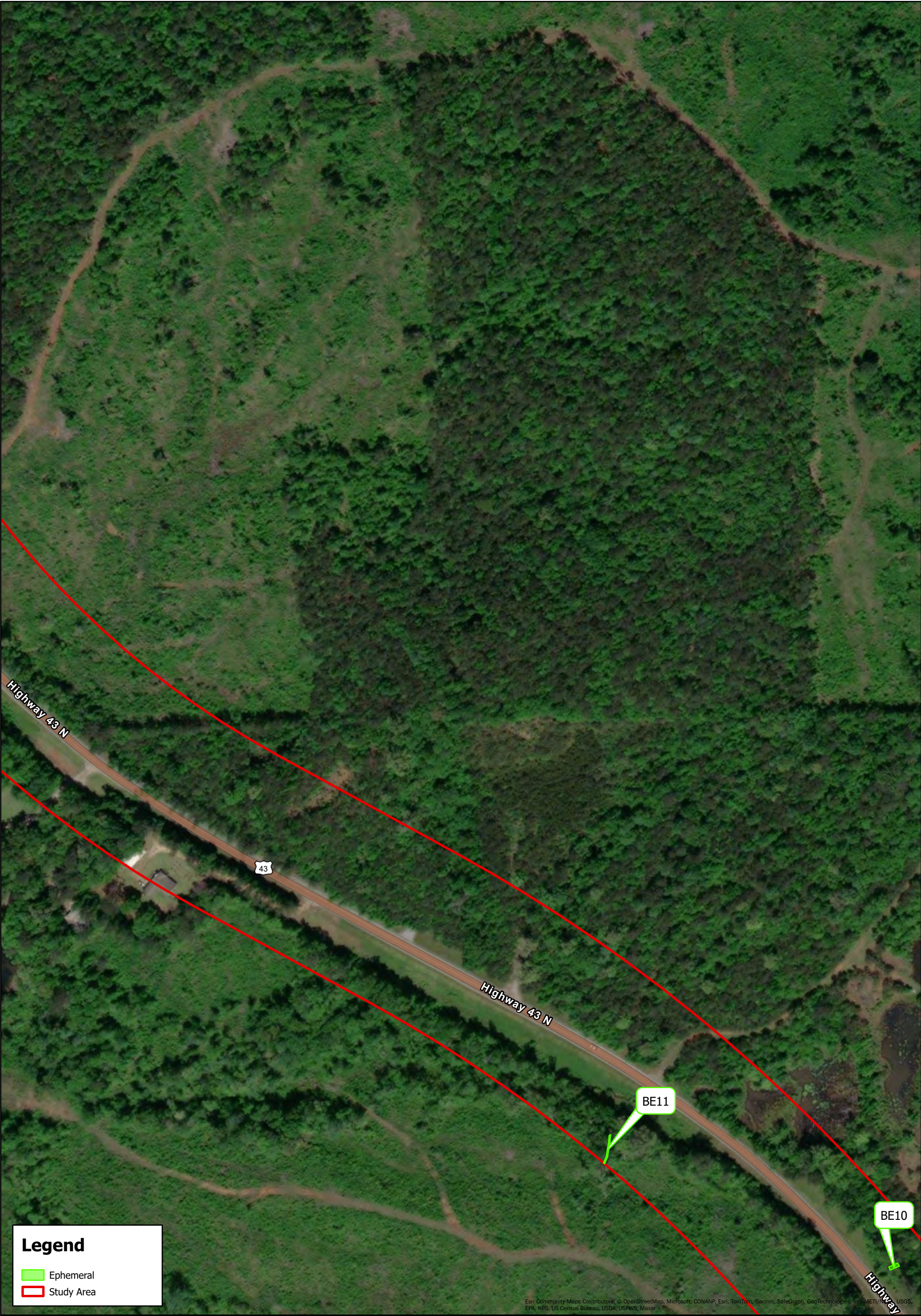
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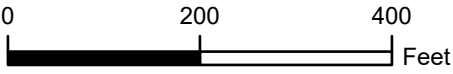






**Legend**

- Ephemeral
- Study Area



1 inch = 200 feet



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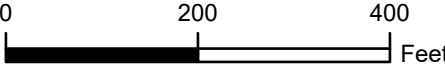






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area



1 inch = 200 feet

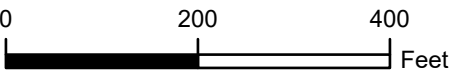
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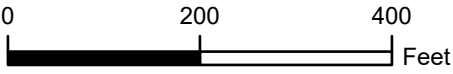


**Legend**

Non-jurisdictional Wetland

Ephemeral

Study Area



1 inch = 200 feet

Note: This map is not intended for construction.







**Legend**

- Non-jurisdictional Wetland
- Ephemeral
- Study Area



0 200 400 Feet

1 inch = 200 feet

Note: This map is not intended for construction.



**Environmental Features Sackett**  
**Widening US-43/SR-69**  
**Hale, Marengo and Clarke County**  
**Page 8 of 70**





**Legend**

- Non-jurisdictional Wetland
- Ephemeral
- Study Area



0 200 400 Feet

1 inch = 200 feet




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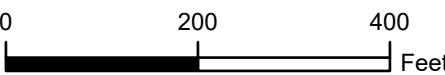






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area



1 inch = 200 feet



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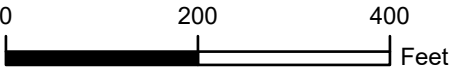






**Legend**

-  Non-jurisdictional Wetland
-  Study Area

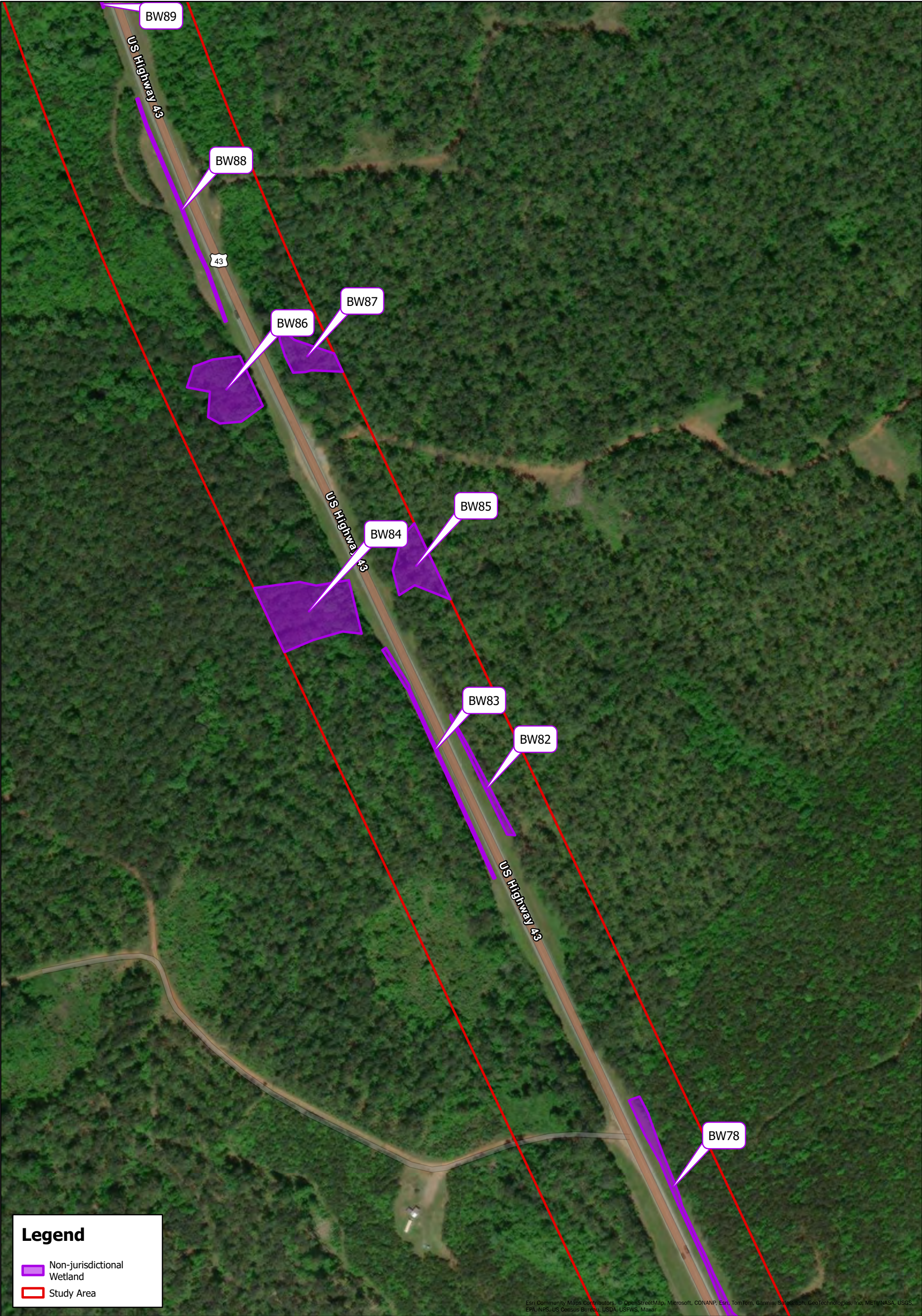


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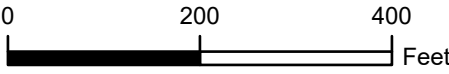
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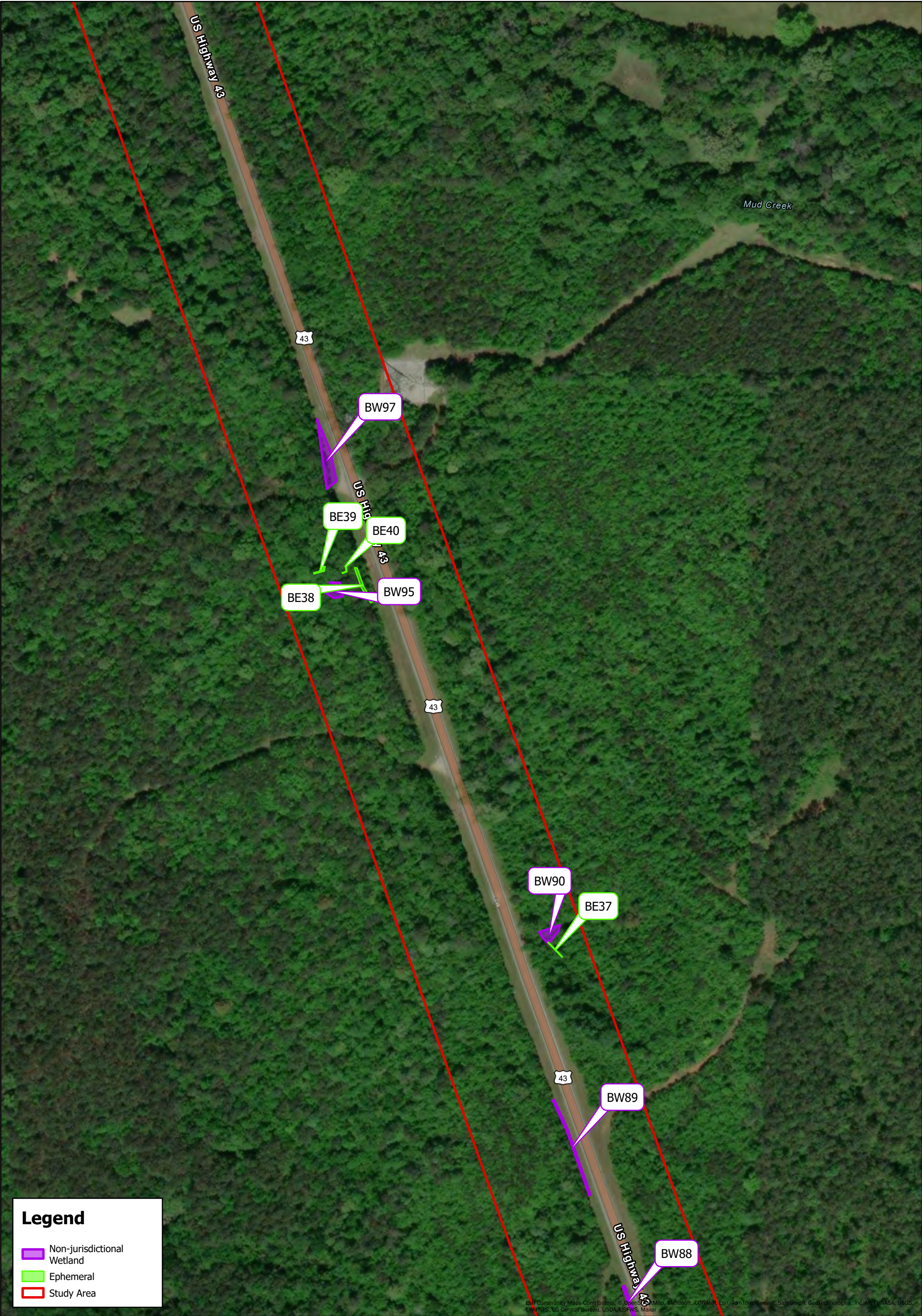


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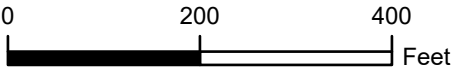






**Legend**

- Ephemeral
- Study Area

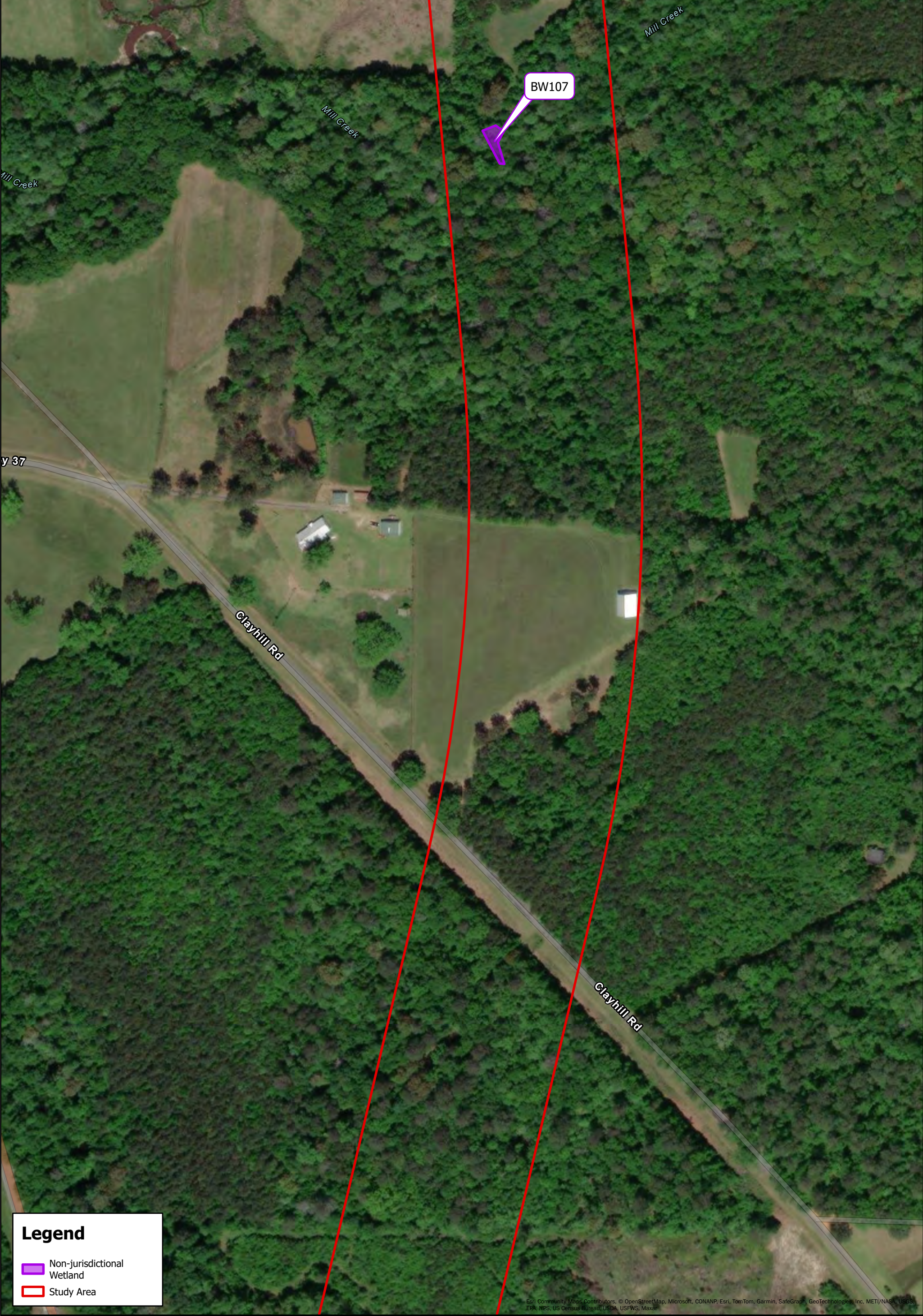


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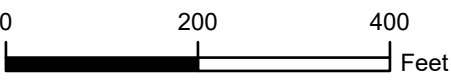






**Legend**

-  Non-jurisdictional Wetland
-  Study Area

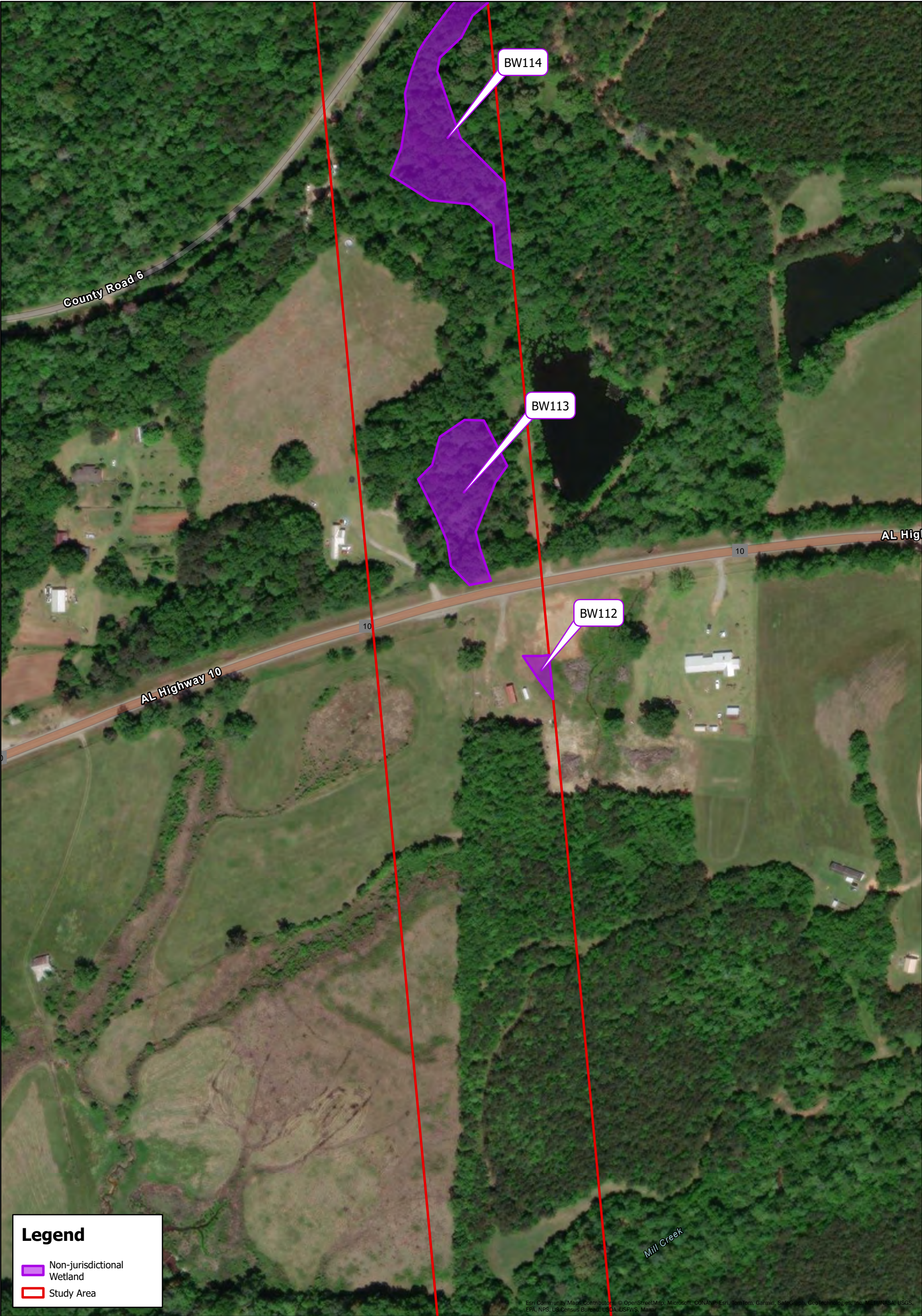


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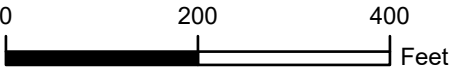






**Legend**

- Non-jurisdictional Wetland
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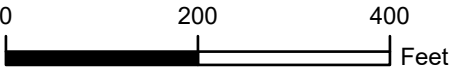






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- Non-jurisdictional Wetland
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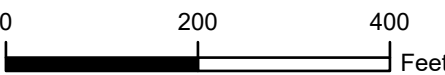
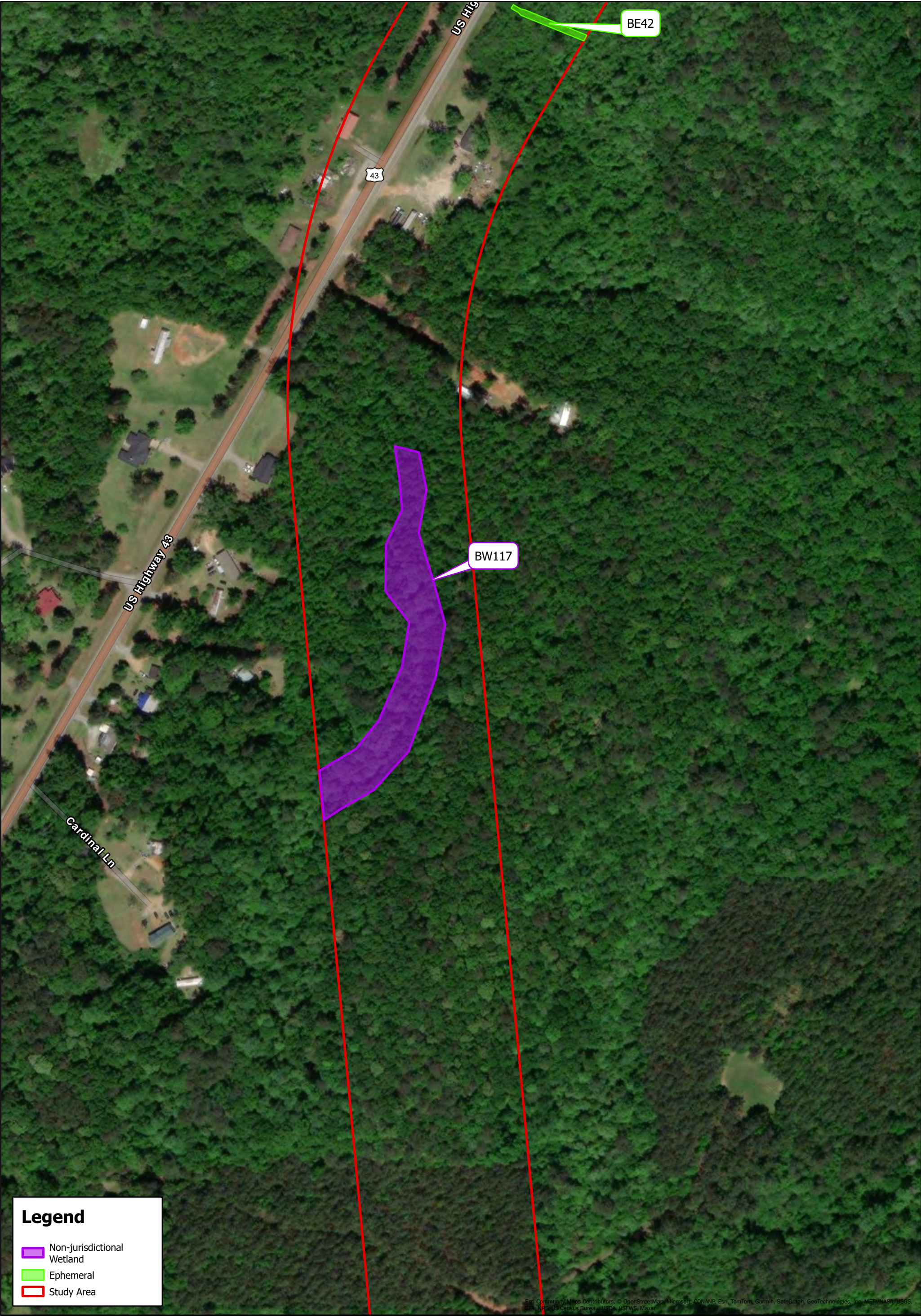


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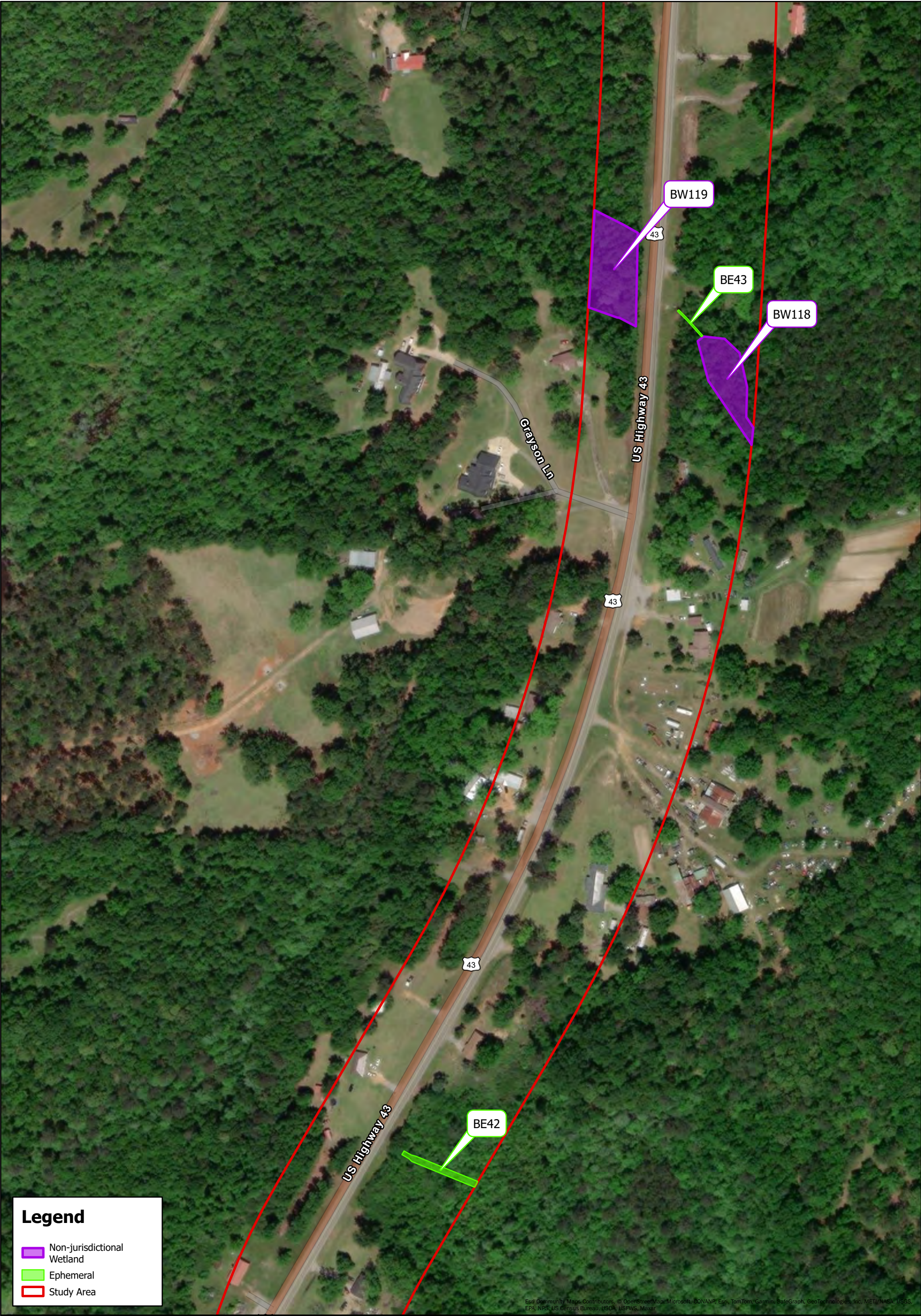




1 inch = 200 feet  
Note: This map is not intended for construction.

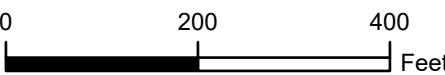






**Legend**

- Non-jurisdictional Wetland
- Ephemeral
- Study Area



1 inch = 200 feet

Note: This map is not intended for construction.







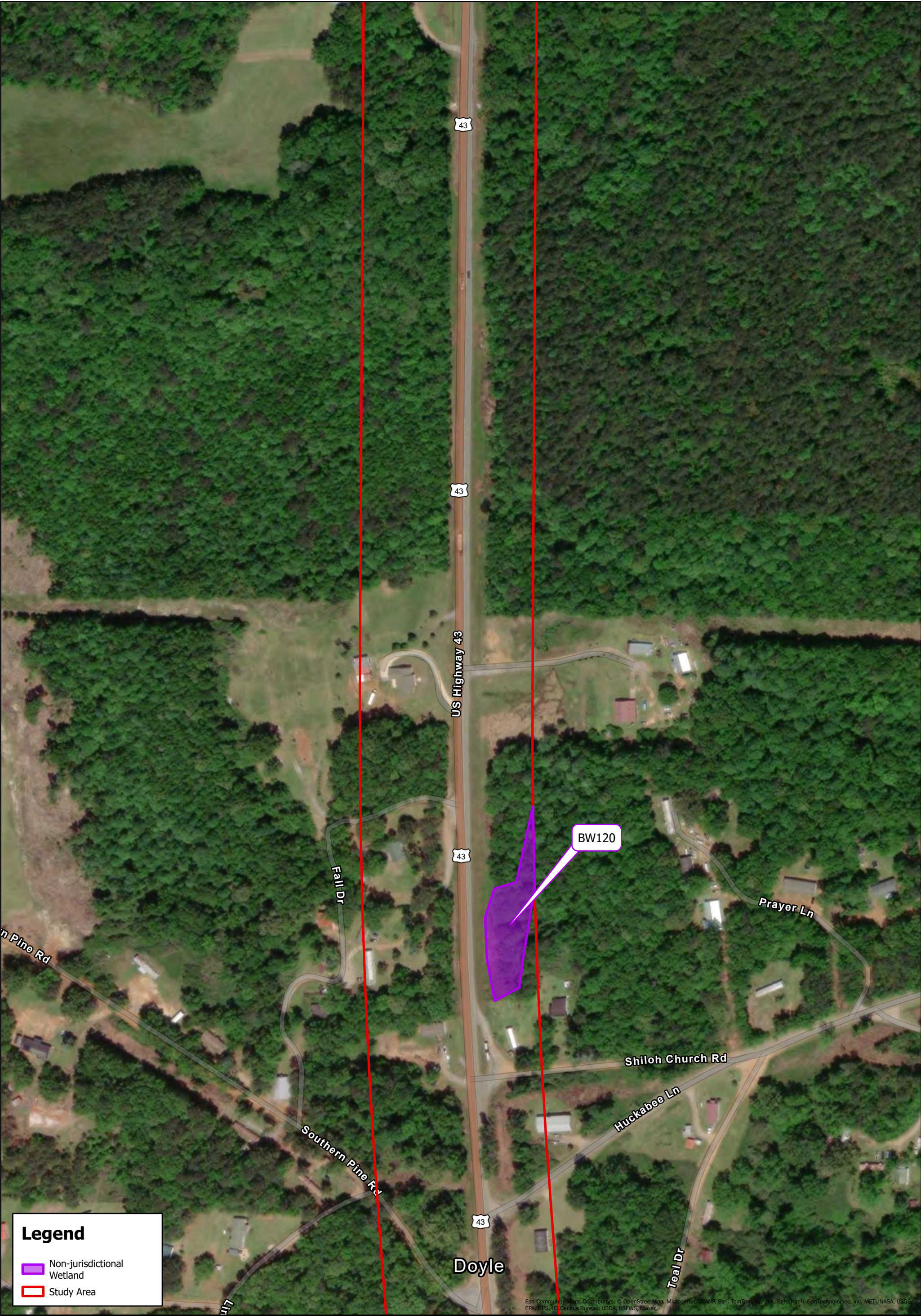
0 200 400  
Feet

1 inch = 200 feet

Note: This map is not intended for construction.







**Legend**

Non-jurisdictional Wetland

Study Area



0200400

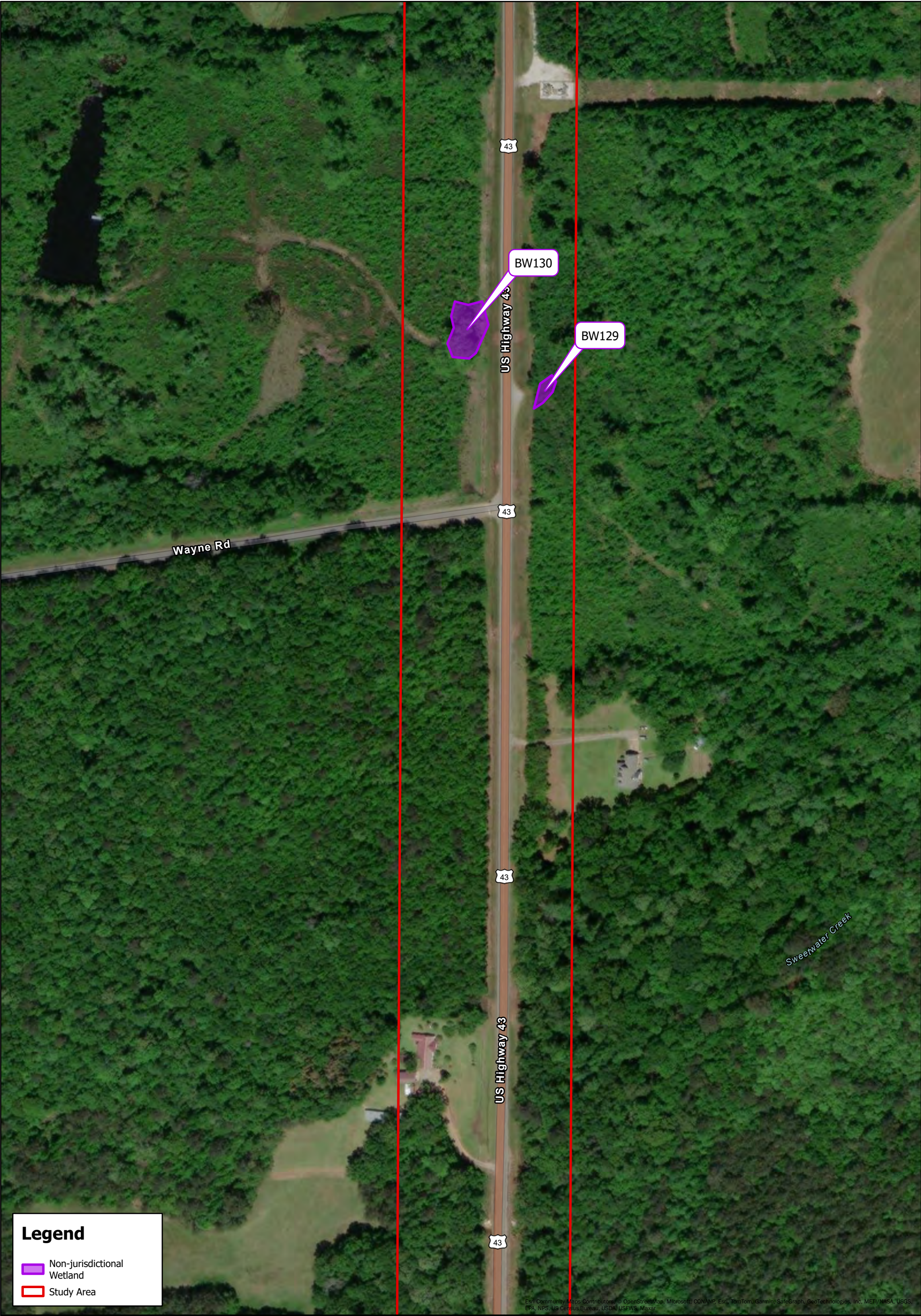
Feet

1 inch = 200 feet

Note: This map is not intended for construction.







## Legend

- Non-jurisdictional Wetland
- Study Area

0 200 400 Feet

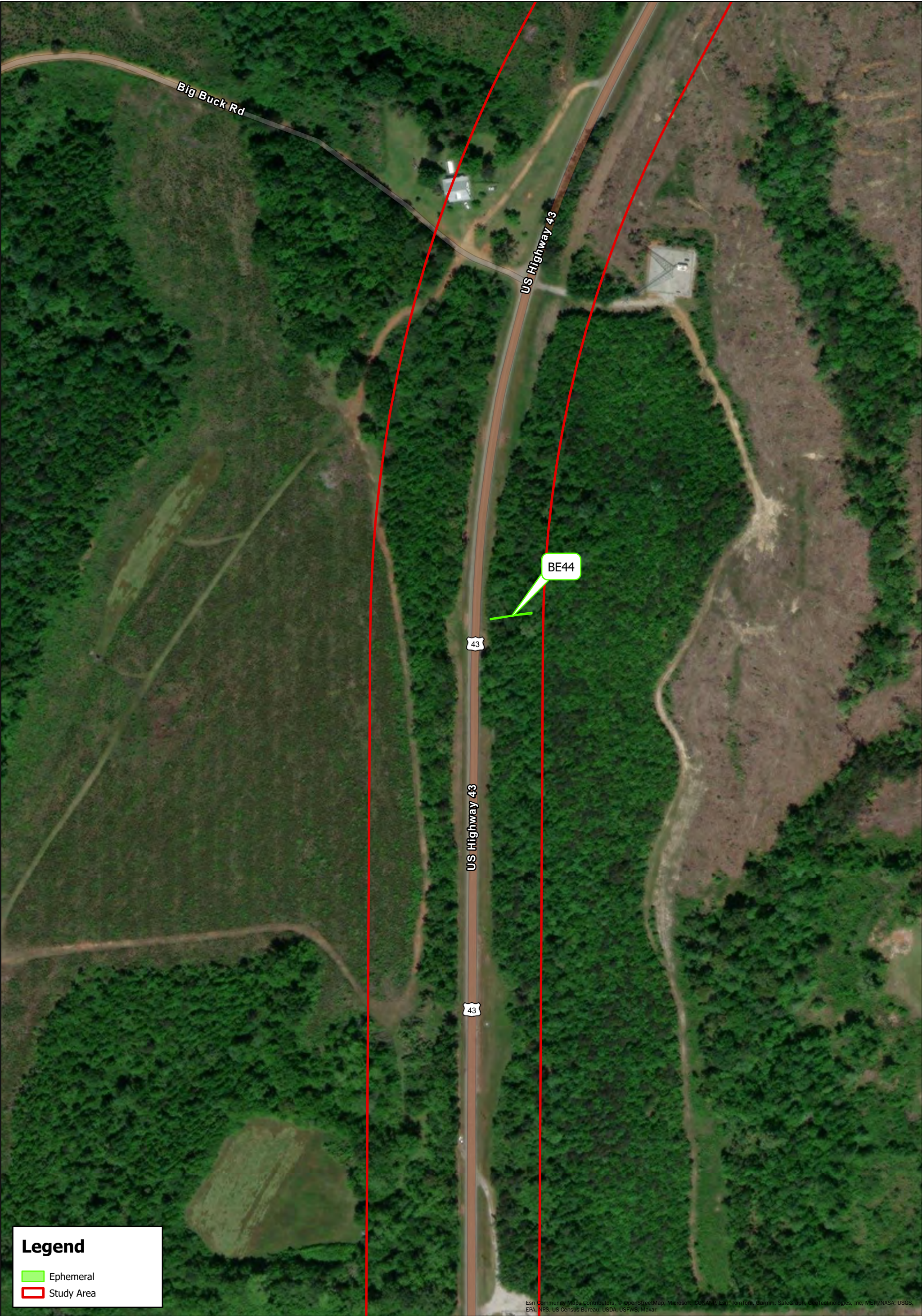
1 inch = 200 feet

Note: This map is not intended for construction.





Environmental Features Sackett  
Widening US-43/SR-69  
Hale, Marengo and Clarke County  
Page 22 of 70

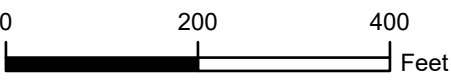




**Legend**

 Ephemeral

 Study Area

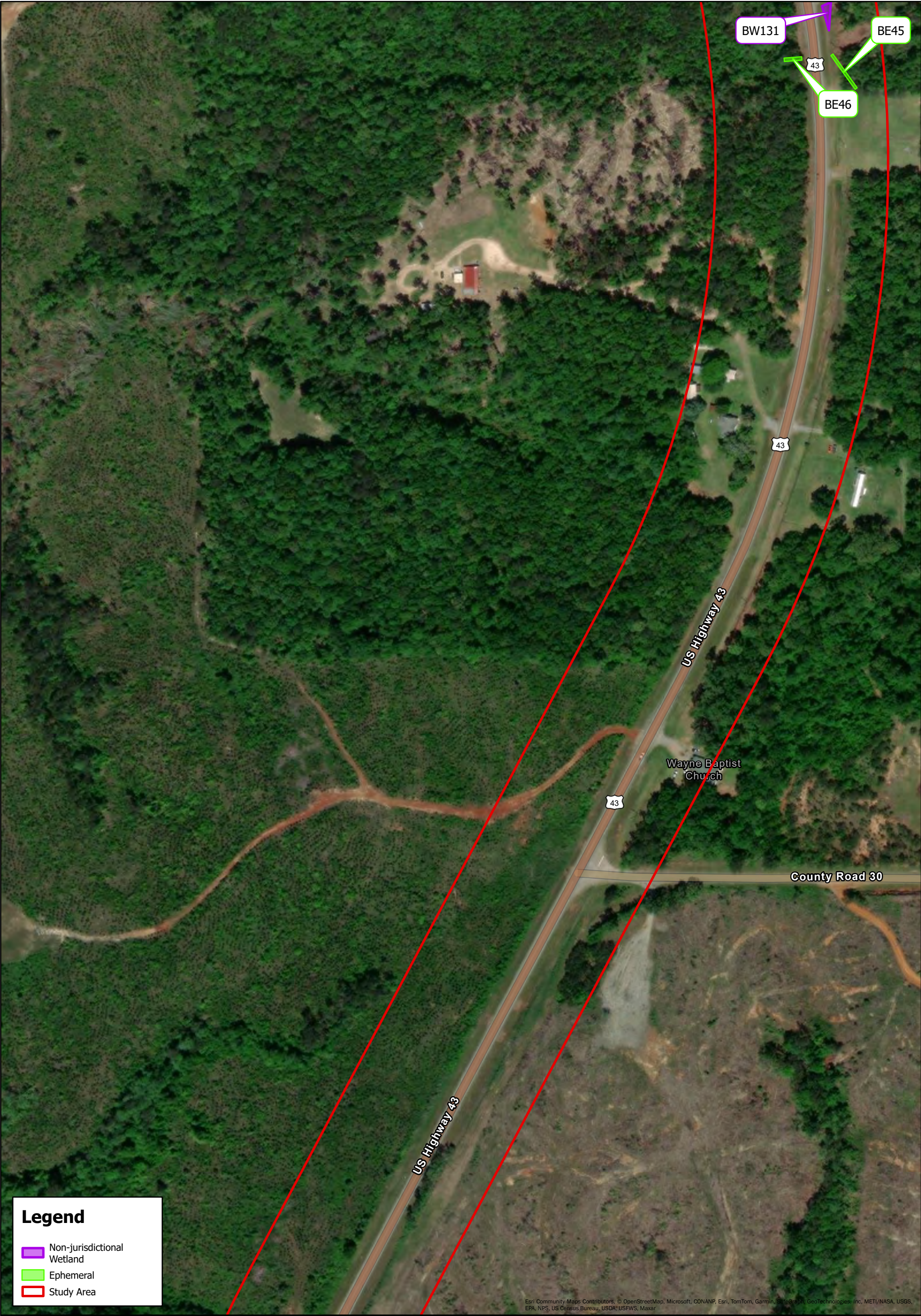


**1 inch = 200 feet**

Note: This map is not intended for construction.







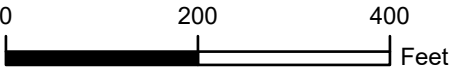
**Legend**

Non-jurisdictional Wetland

Ephemeral

Study Area

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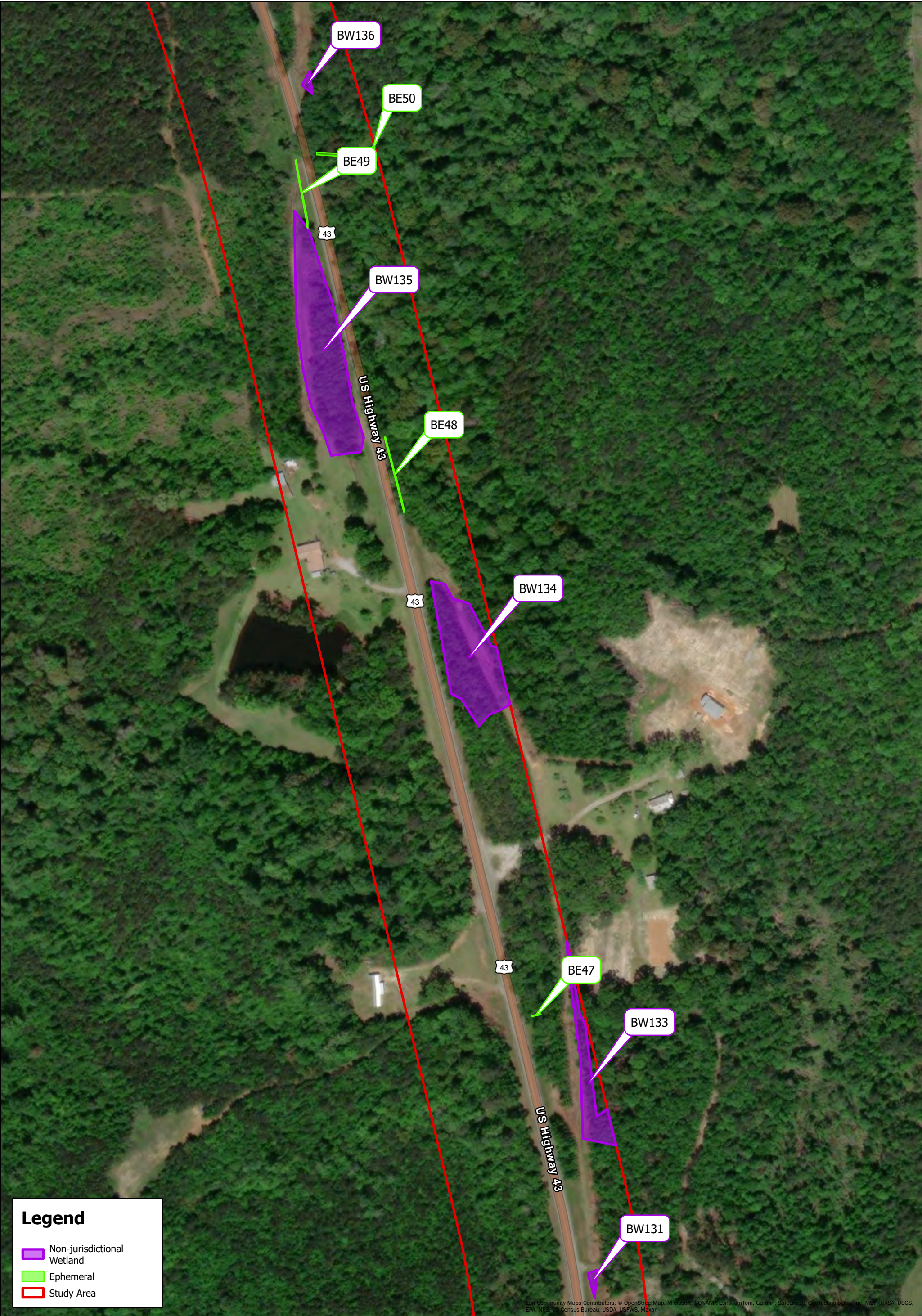


1 inch = 200 feet

Note: This map is not intended for construction.





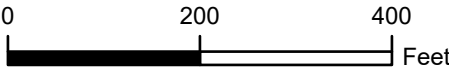
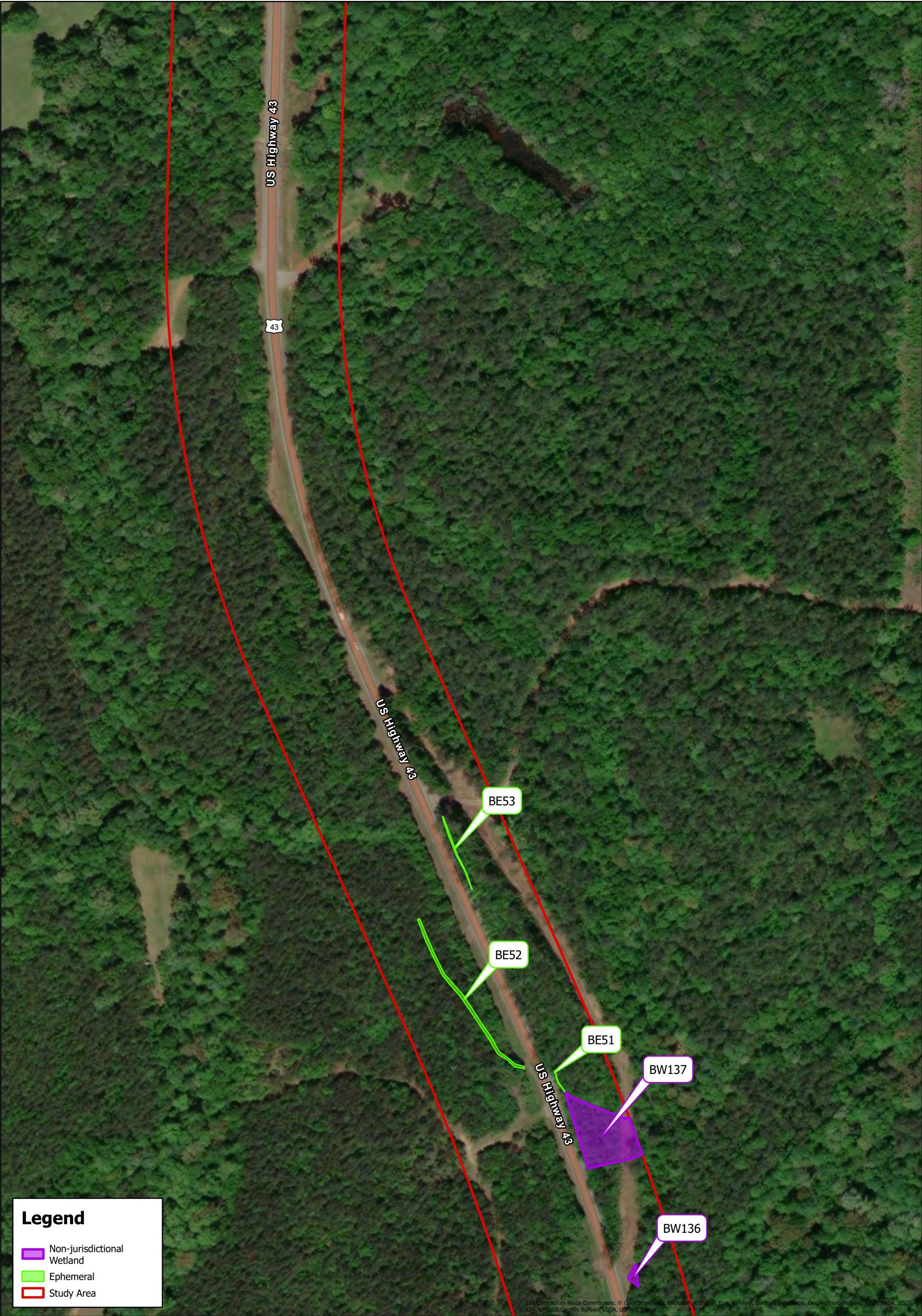


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Note: This map is not intended for construction.





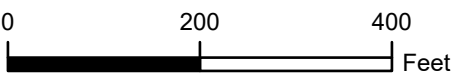


1 inch = 200 feet

Note: This map is not intended for construction.





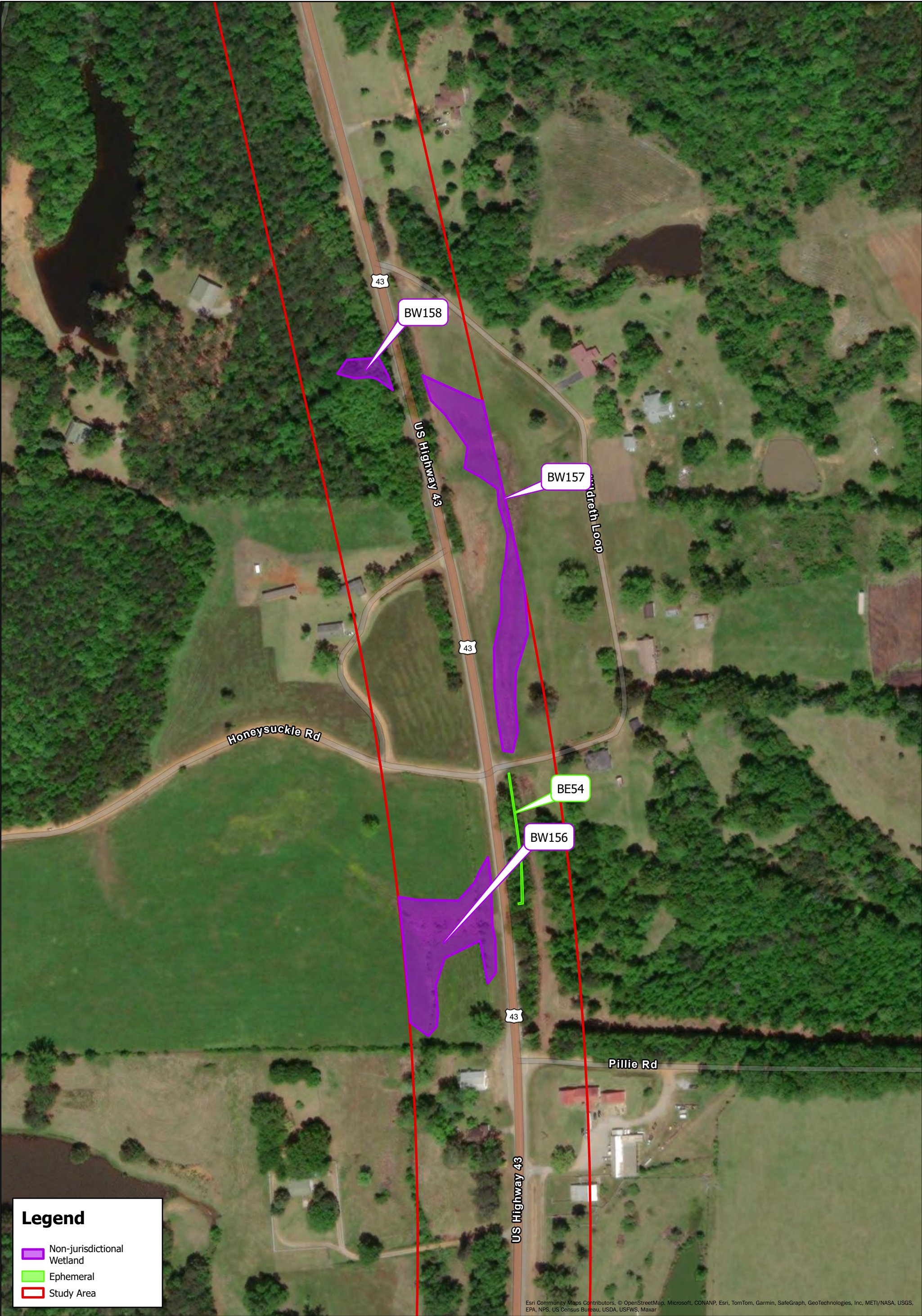


1 inch = 200 feet

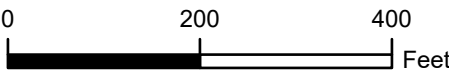
Note: This map is not intended for construction.







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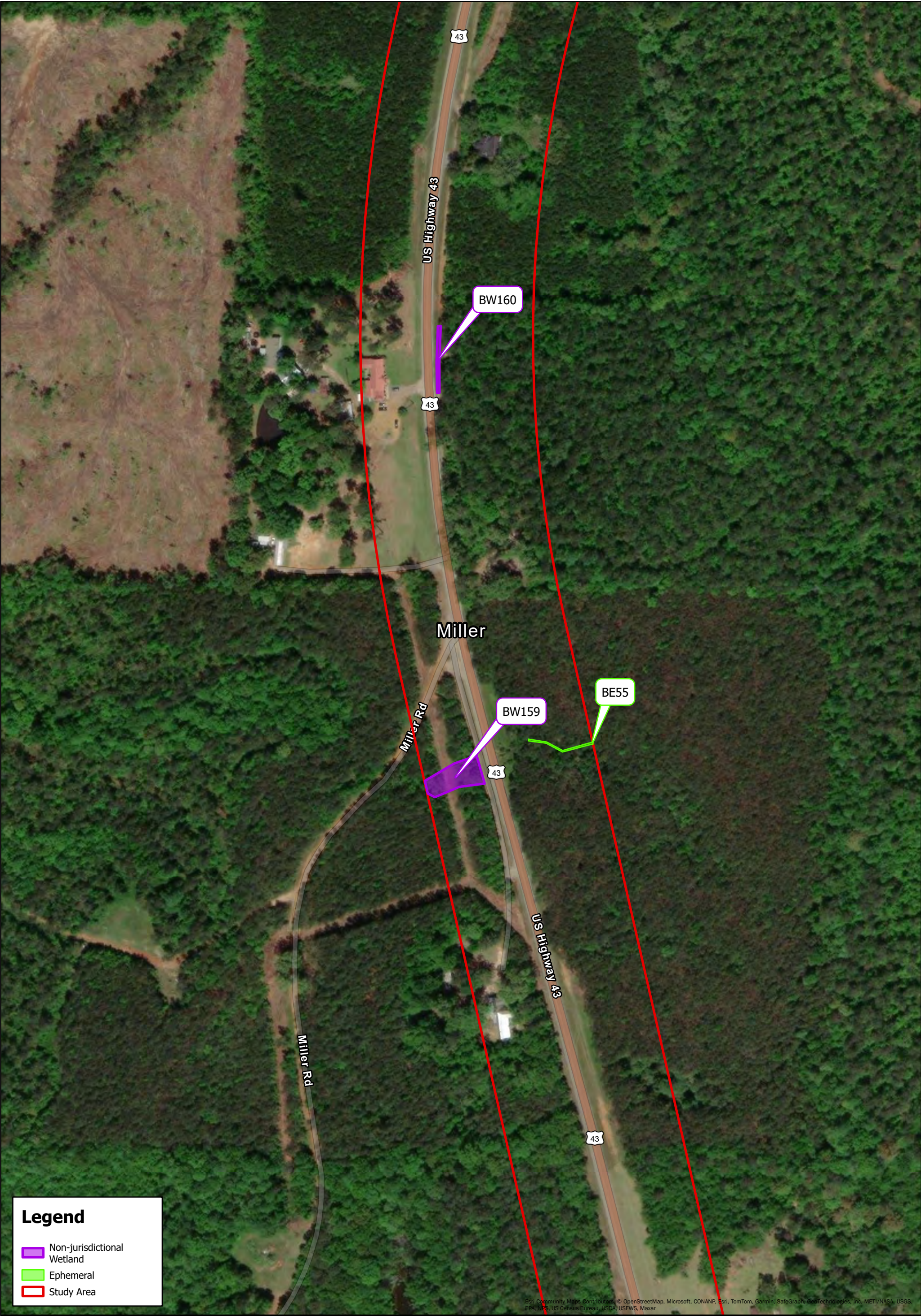


1 inch = 200 feet



Note: This map is not intended for construction.

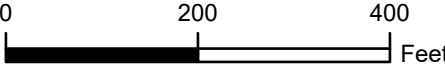






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area



1 inch = 200 feet

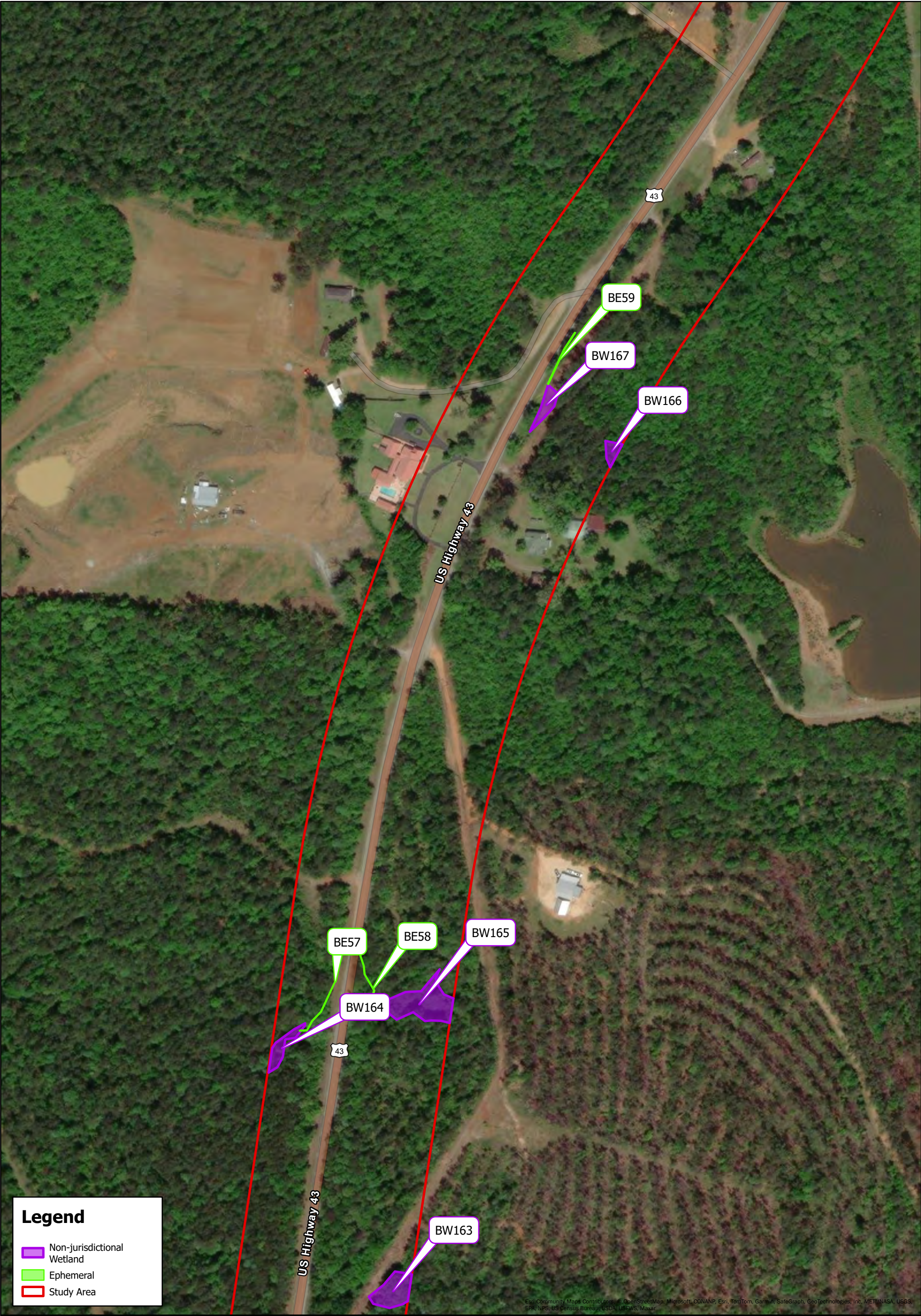
Note: This map is not intended for construction.









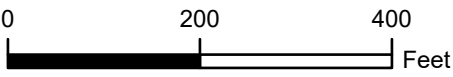


Legend

Non-jurisdictional Wetland

Ephemeral

Study Area

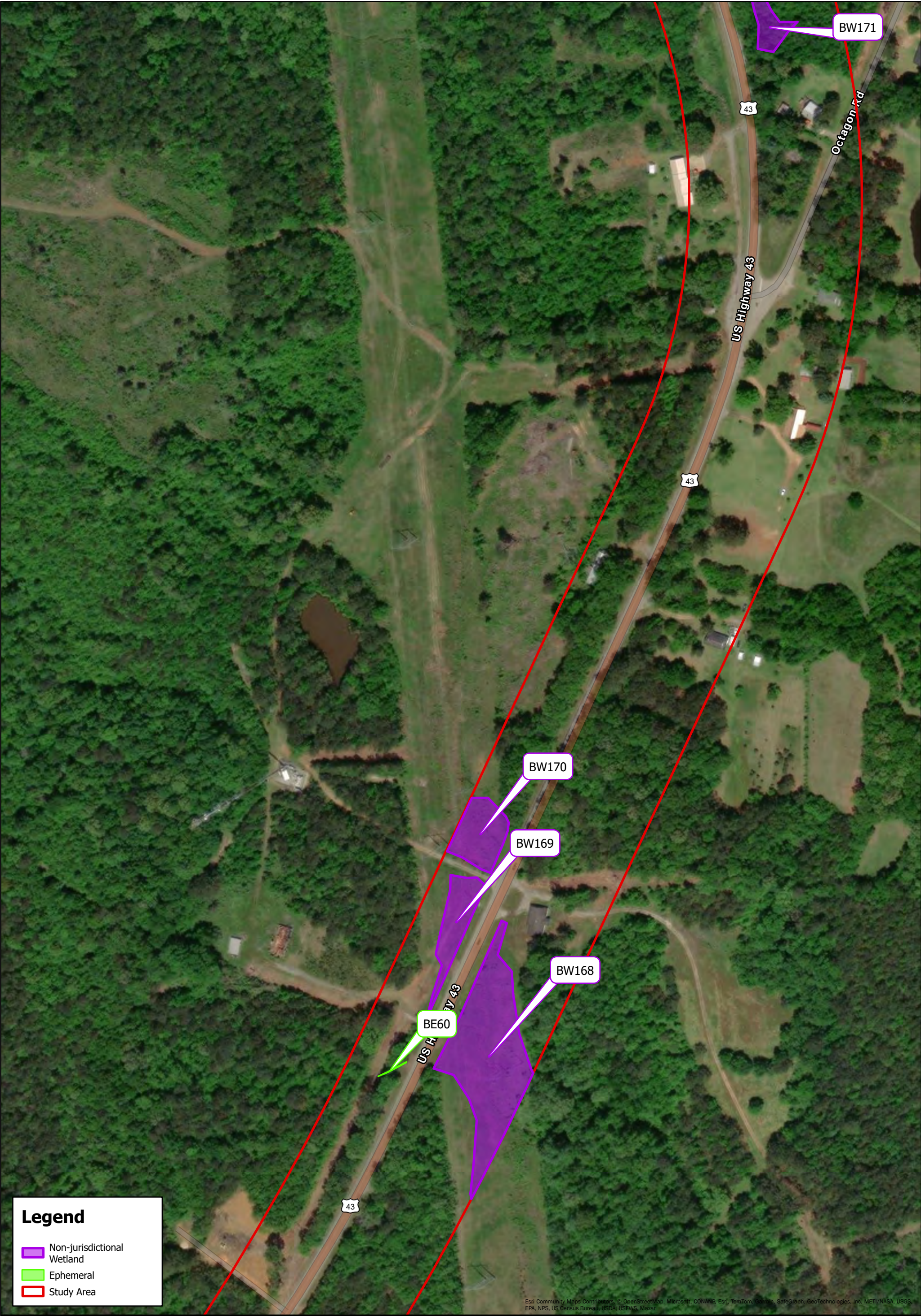


1 inch = 200 feet

Note: This map is not intended for construction.





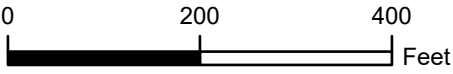


**Legend**

Non-jurisdictional Wetland

Ephemeral

Study Area

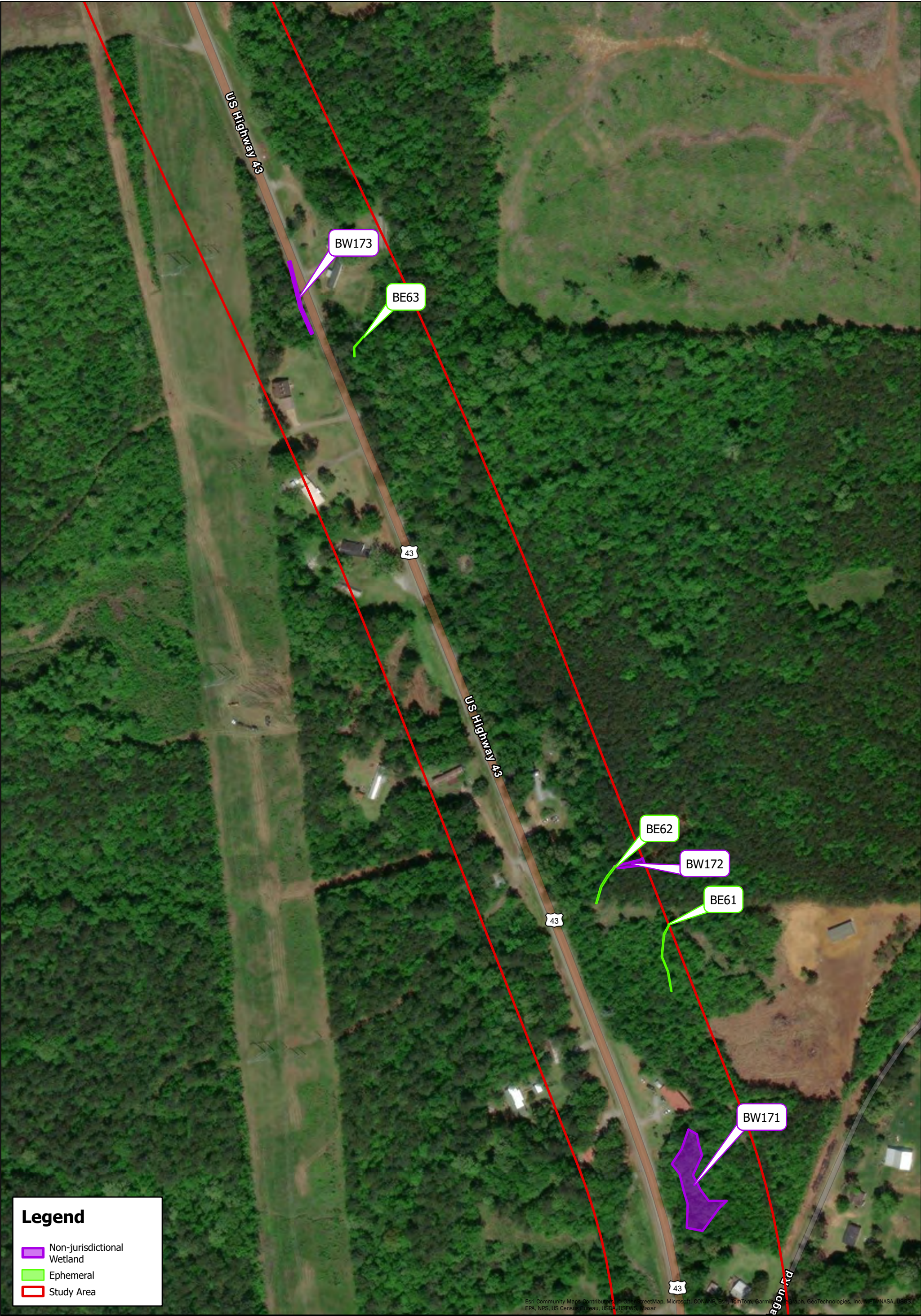


1 inch = 200 feet

Note: This map is not intended for construction.

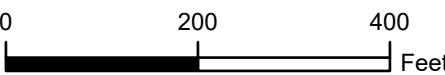






**Legend**

- Non-jurisdictional Wetland
- Ephemeral
- Study Area



1 inch = 200 feet

Note: This map is not intended for construction.







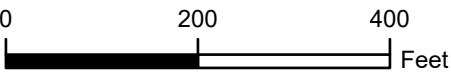
**Legend**

Non-jurisdictional Wetland

Ephemeral

Study Area

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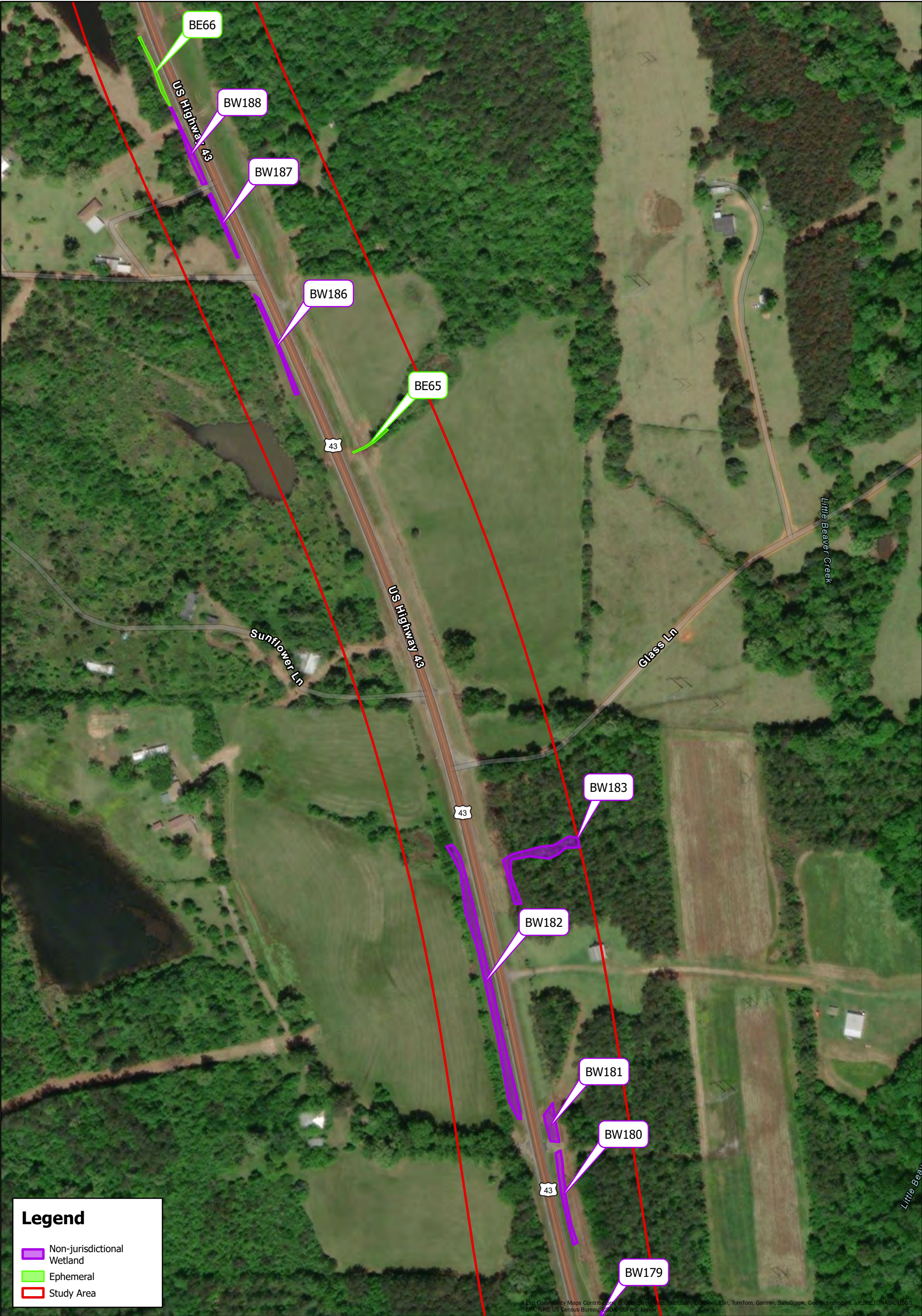


1 inch = 200 feet

Note: This map is not intended for construction.







0 200 400  
Feet

1 inch = 200 feet

Note: This map is not intended for construction.





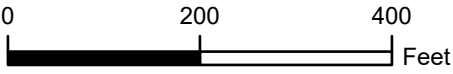


**Legend**

Non-jurisdictional Wetland

Ephemeral

Study Area



1 inch = 200 feet



Note: This map is not intended for construction.

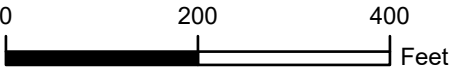






**Legend**

-  Non-jurisdictional Wetland
-  Study Area

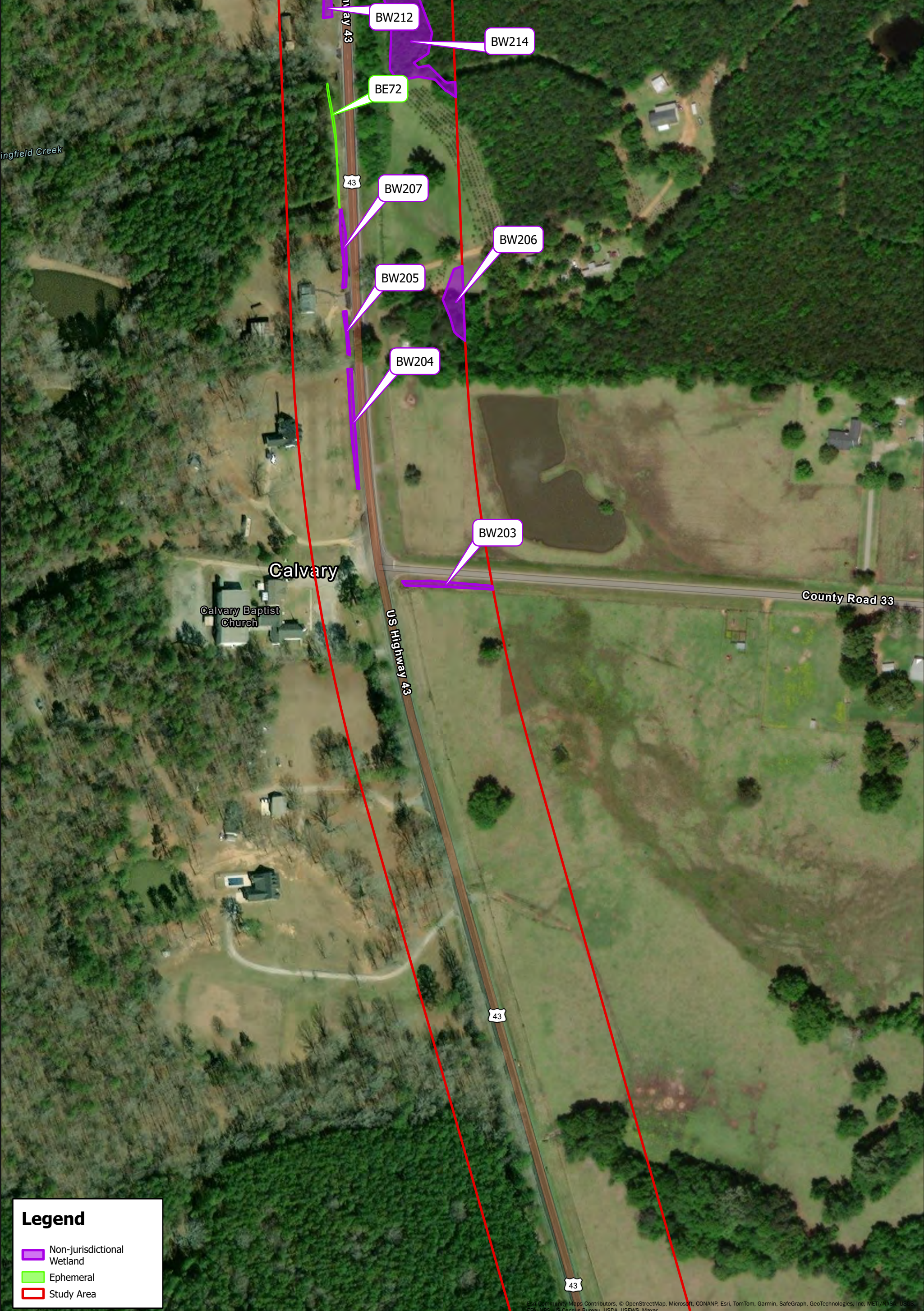


1 inch = 200 feet




Note: This map is not intended for construction.

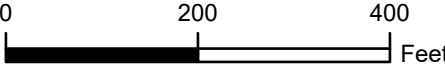






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area

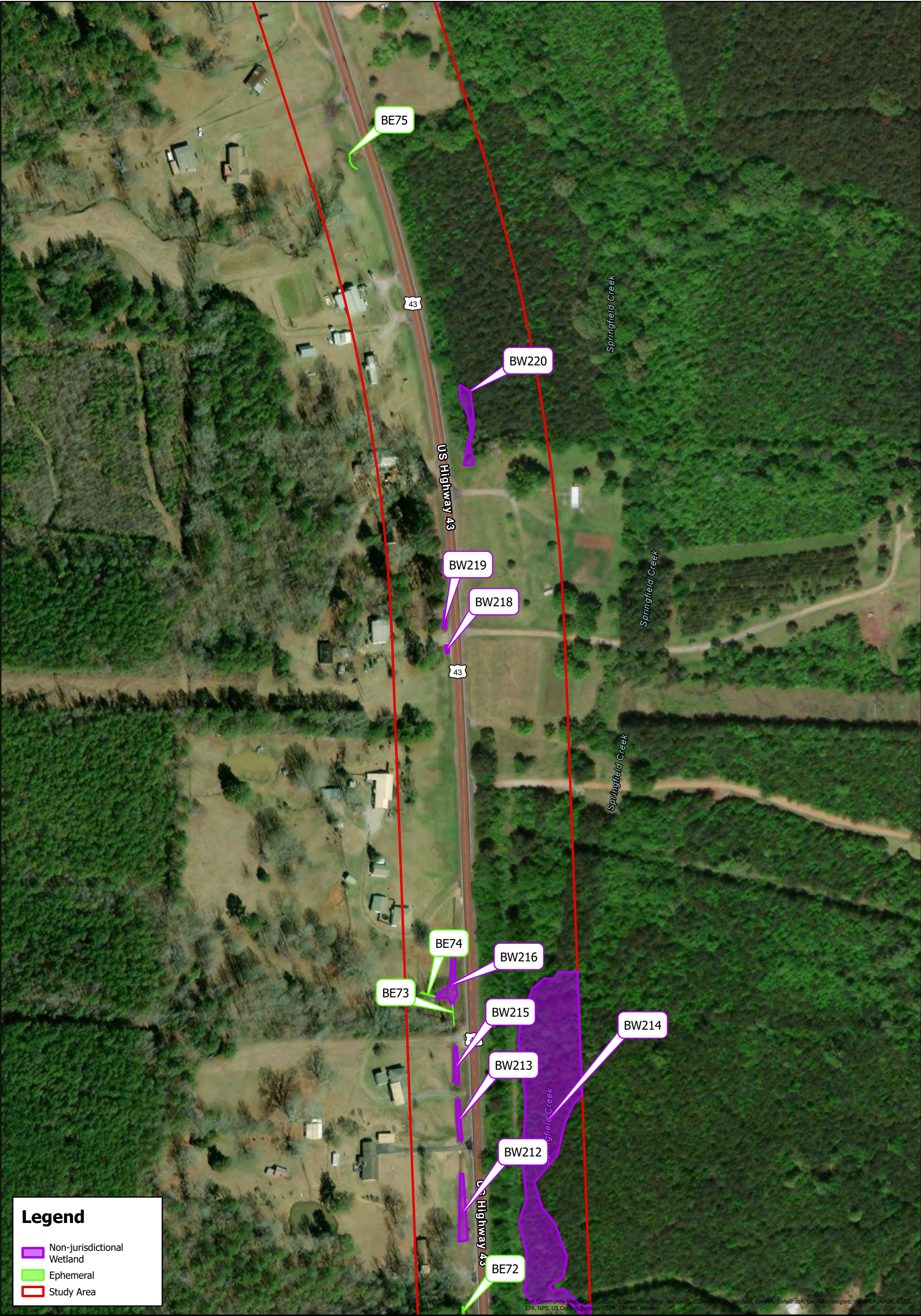


1 inch = 200 feet

Note: This map is not intended for construction.

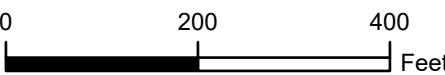






**Legend**

- Non-jurisdictional Wetland
- Ephemeral
- Study Area



1 inch = 200 feet

Note: This map is not intended for construction.







1 inch = 200 feet




Note: This map is not intended for construction.

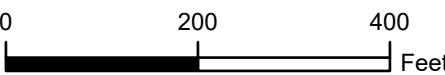






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area



1 inch = 200 feet

Note: This map is not intended for construction.





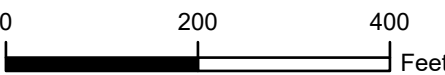
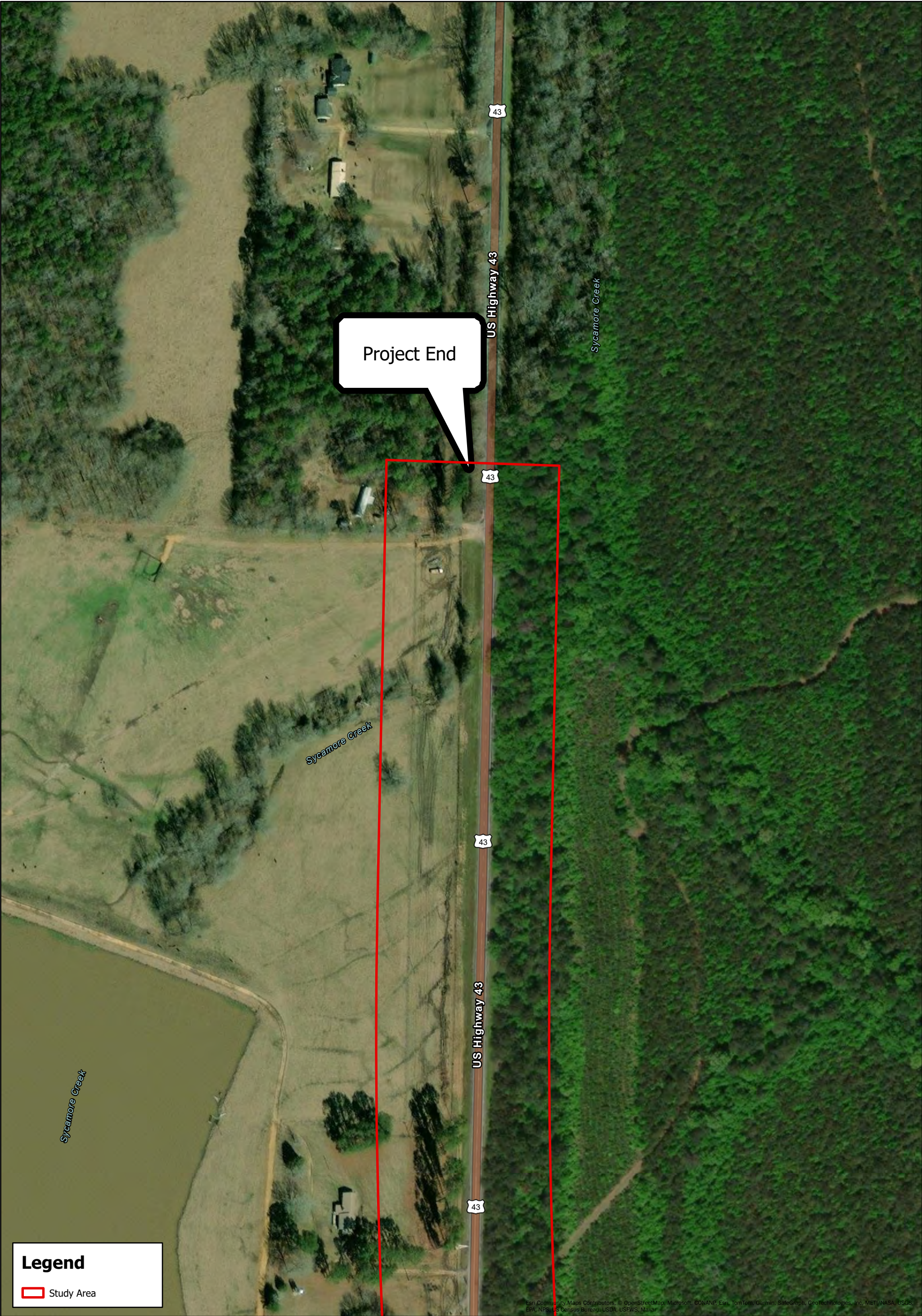


1 inch = 200 feet

Note: This map is not intended for construction.







1 inch = 200 feet  
Note: This map is not intended for construction.

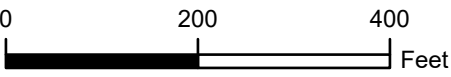






**Legend**

Study Area



1 inch = 200 feet

Note: This map is not intended for construction.

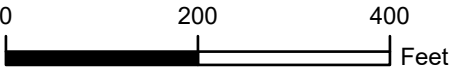






**Legend**

 Study Area



**1 inch = 200 feet**

Note: This map is not intended for construction.

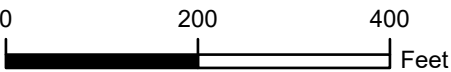






**Legend**

Study Area



1 inch = 200 feet



Note: This map is not intended for construction.

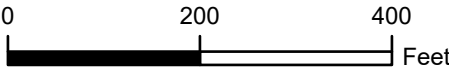






**Legend**

-  Non-jurisdictional Wetland
-  Study Area

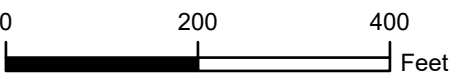
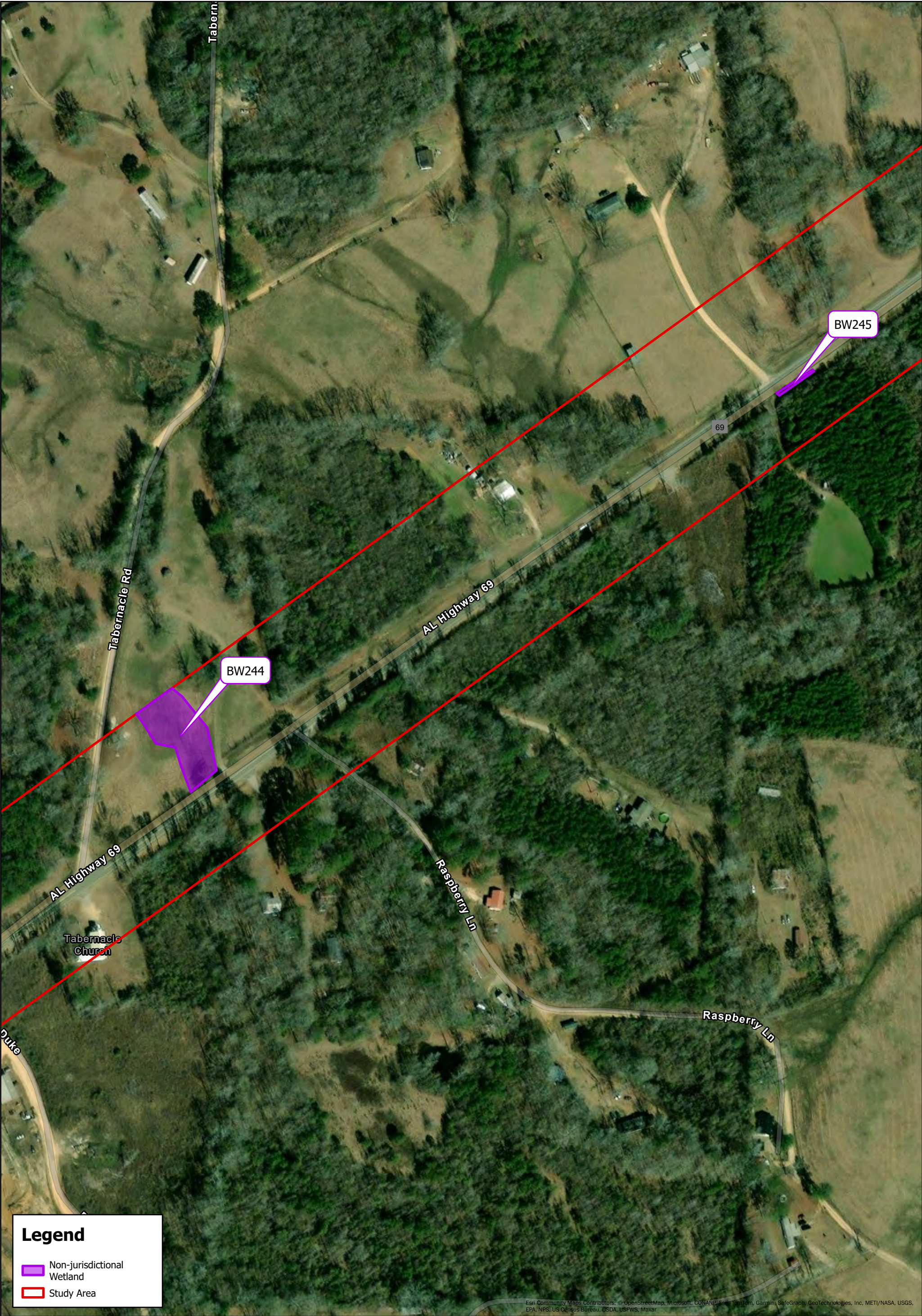


1 inch = 200 feet

Note: This map is not intended for construction.







1 inch = 200 feet

Note: This map is not intended for construction.



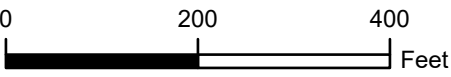




**Legend**

Non-jurisdictional Wetland

Study Area



1 inch = 200 feet




Note: This map is not intended for construction.

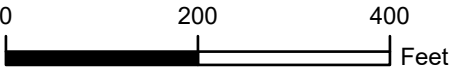






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area

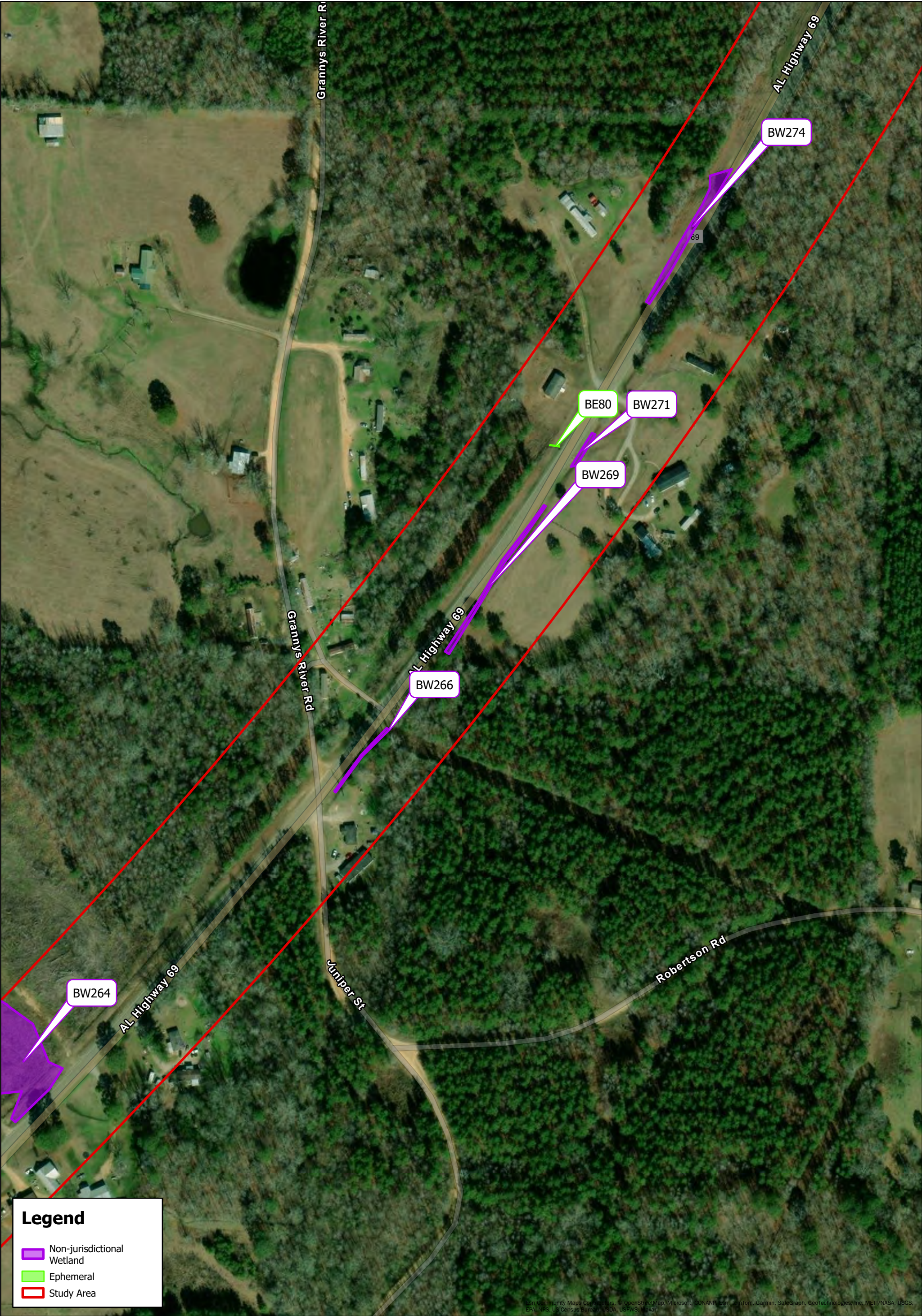


1 inch = 200 feet

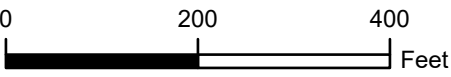
Note: This map is not intended for construction.







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1 inch = 200 feet



Note: This map is not intended for construction.

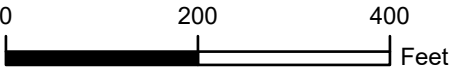






**Legend**

-  Non-jurisdictional Wetland
-  Study Area



1 inch = 200 feet

Note: This map is not intended for construction.





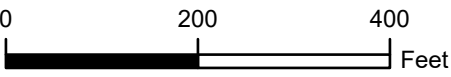


Legend

Non-jurisdictional Wetland

Ephemeral

Study Area

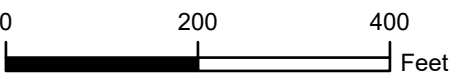


1 inch = 200 feet

Note: This map is not intended for construction.







1 inch = 200 feet

Note: This map is not intended for construction.



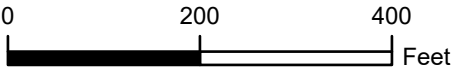
**Environmental Features Sackett  
Widening US-43/SR-69  
Hale, Marengo and Clarke County  
Page 54 of 70**





**Legend**

- Non-jurisdictional Wetland
- Study Area

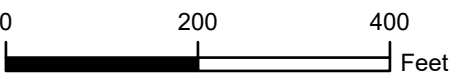
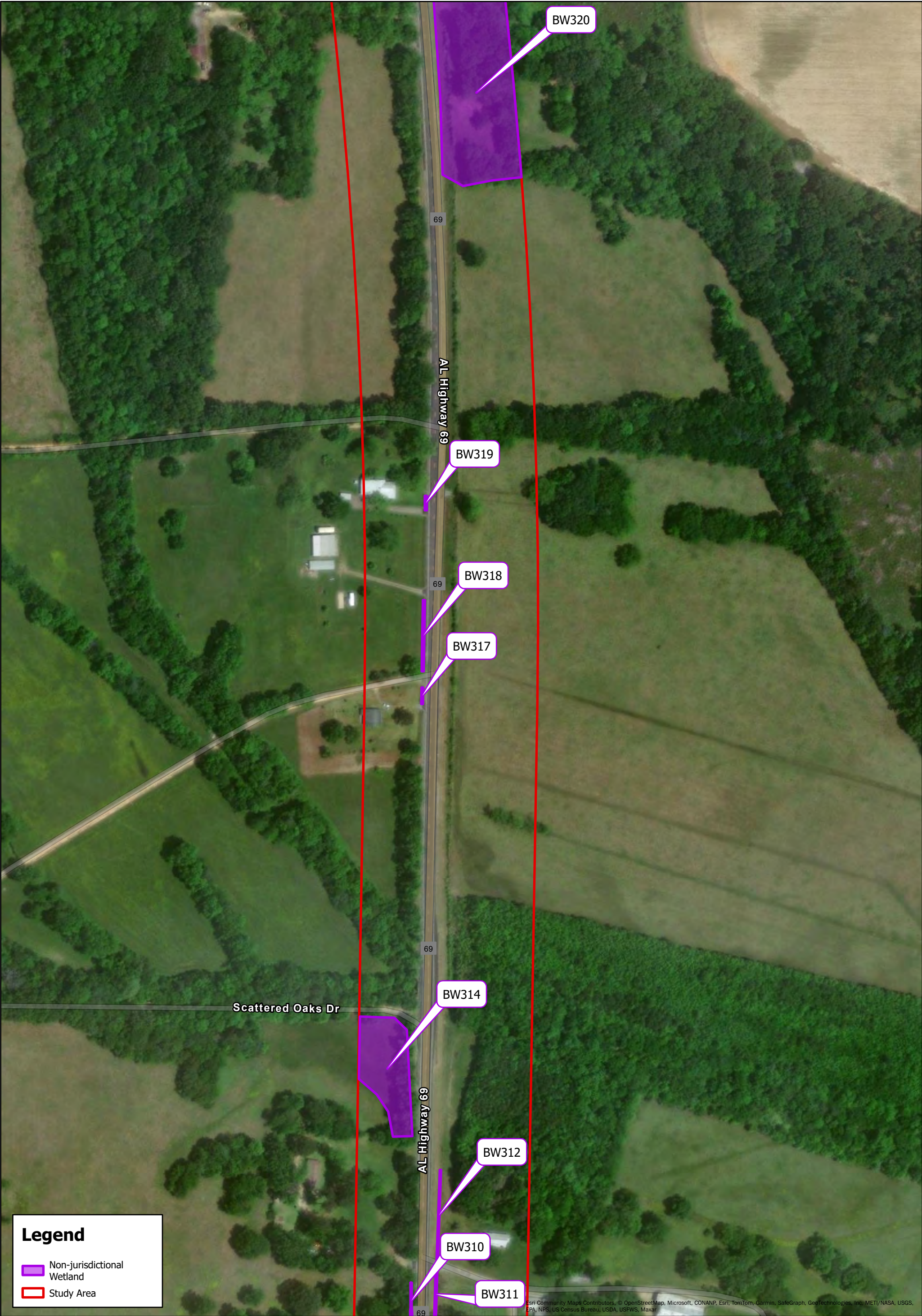


1 inch = 200 feet

Note: This map is not intended for construction.









1 inch = 200 feet  
Note: This map is not intended for construction.

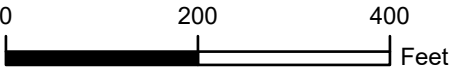






**Legend**

-  Non-jurisdictional Wetland
-  Study Area



1 inch = 200 feet

Note: This map is not intended for construction.





**Environmental Features Sackett**  
**Widening US-43/SR-69**  
**Hale, Marengo and Clarke County**  
**Page 57 of 70**

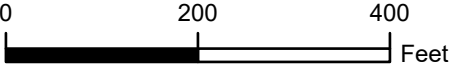
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**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area



1 inch = 200 feet

Note: This map is not intended for construction.







0 200 400  
Feet

1 inch = 200 feet



Note: This map is not intended for construction.

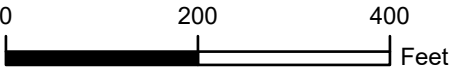






**Legend**

-  Non-jurisdictional Wetland
-  Study Area



1 inch = 200 feet



Note: This map is not intended for construction.

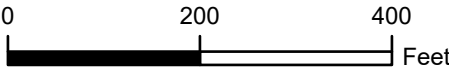






**Legend**

-  Non-jurisdictional Wetland
-  Study Area



1 inch = 200 feet



Note: This map is not intended for construction.

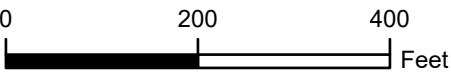






**Legend**

-  Non-jurisdictional Wetland
-  Study Area



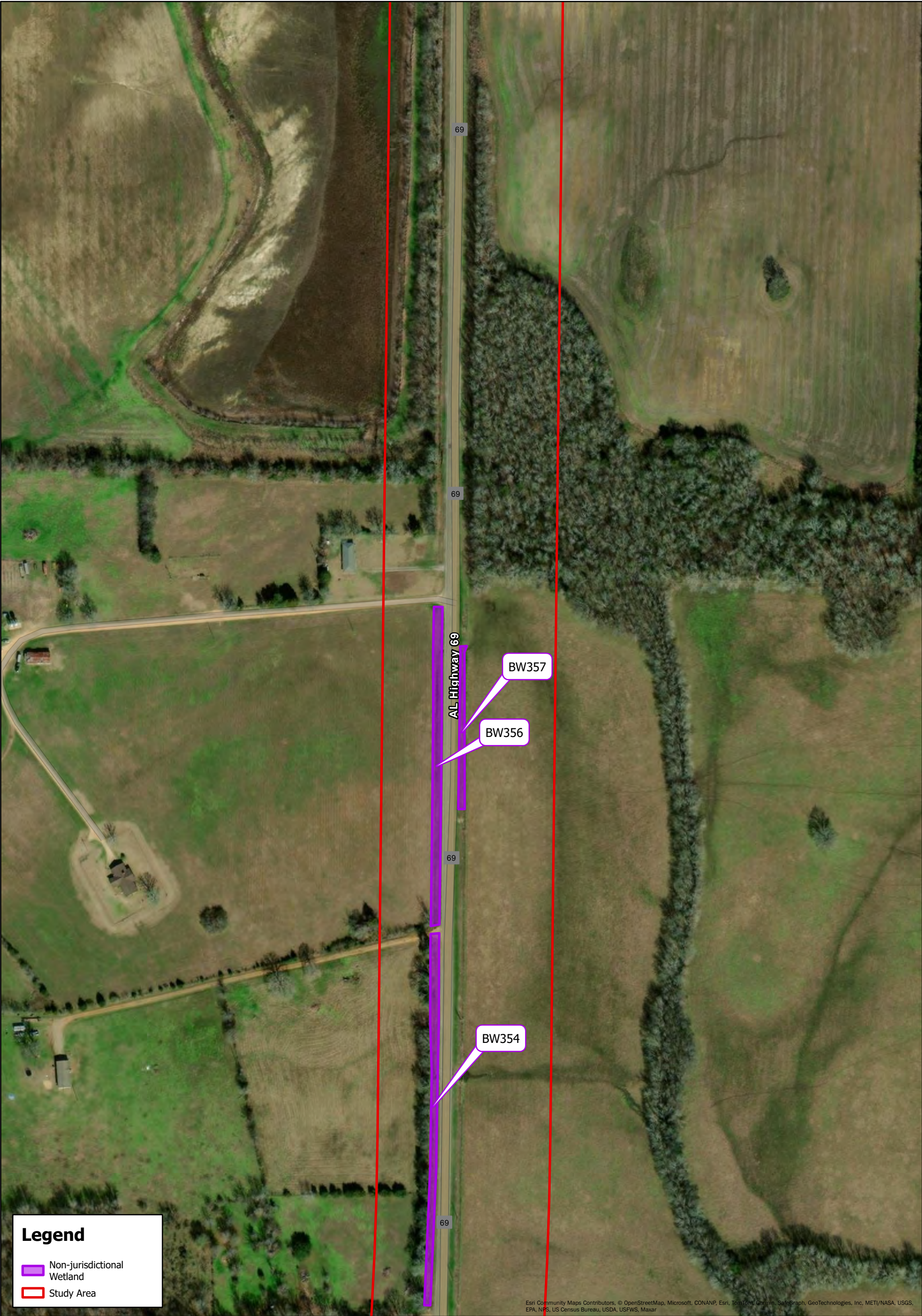
1 inch = 200 feet

Note: This map is not intended for construction.





**Environmental Features Sackett  
Widening US-43/SR-69  
Hale, Marengo and Clarke County  
Page 62 of 70**





**Legend**

-  Non-jurisdictional Wetland
-  Study Area



0 200 400 Feet

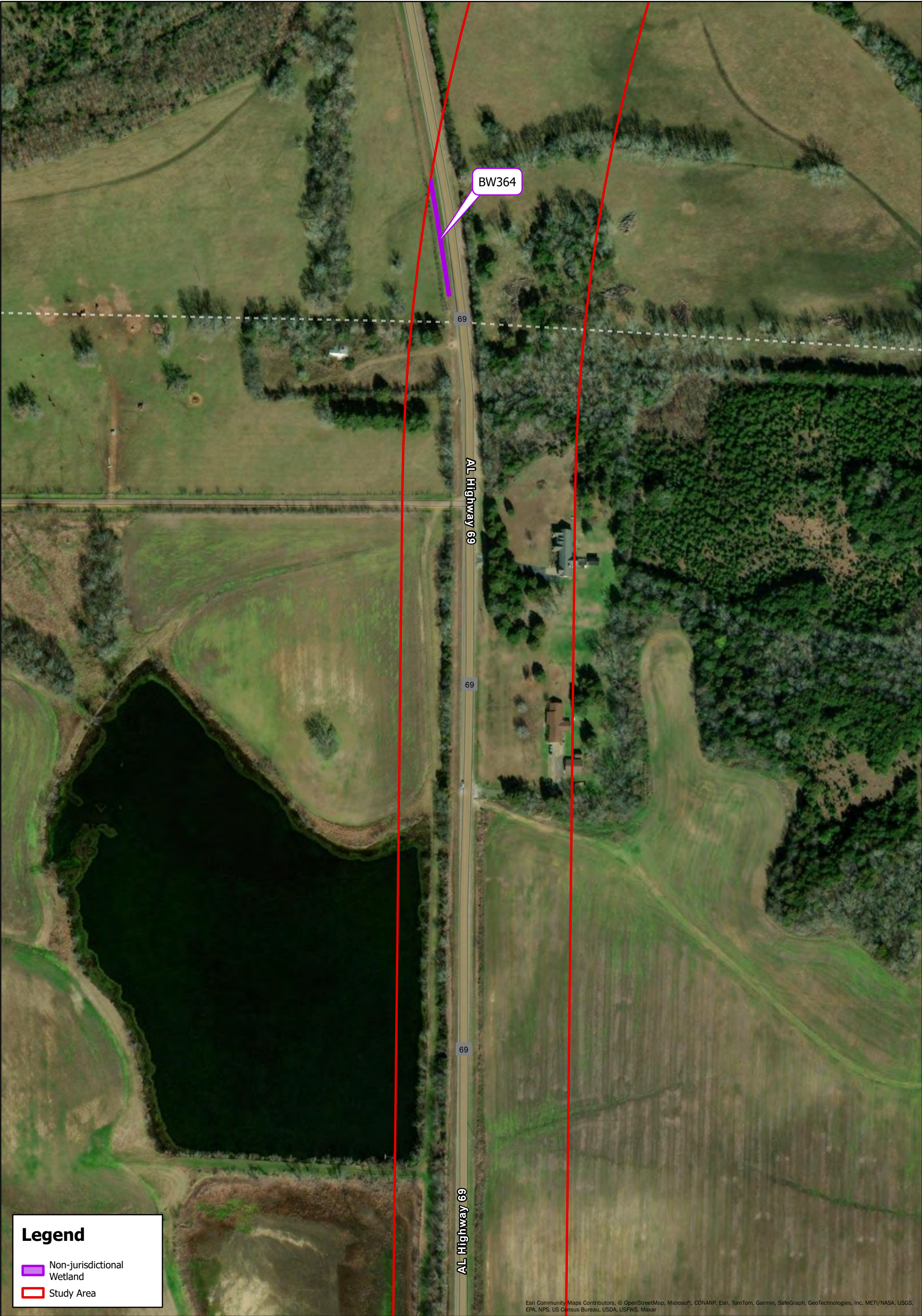
1 inch = 200 feet

Note: This map is not intended for construction.





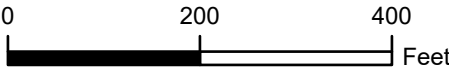
**Environmental Features Sackett  
Widening US-43/SR-69  
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**Legend**

-  Non-jurisdictional Wetland
-  Study Area



1 inch = 200 feet

Note: This map is not intended for construction.



**Environmental Features Sackett  
Widening US-43/SR-69  
Hale, Marengo and Clarke County  
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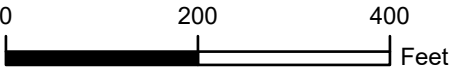


**Legend**

Non-jurisdictional Wetland

Study Area

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1 inch = 200 feet

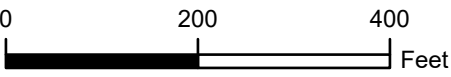
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1 inch = 200 feet




Note: This map is not intended for construction.

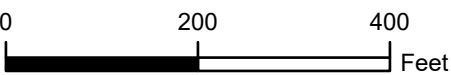






**Legend**

-  Non-jurisdictional Wetland
-  Ephemeral
-  Study Area



1 inch = 200 feet

Note: This map is not intended for construction.

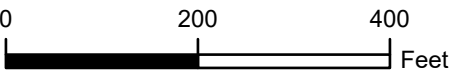


**Environmental Features Sackett**  
**Widening US-43/SR-69**  
**Hale, Marengo and Clarke County**  
**Page 68 of 70**





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1 inch = 200 feet  
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