

**APPROVED JURISDICTIONAL DETERMINATION FORM**  
**U.S. Army Corps of Engineers**

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

**SECTION I: BACKGROUND INFORMATION**

**A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD):** November 5, 2021

**B. DISTRICT OFFICE, FILE NAME, AND NUMBER:** SAS-2021-00625

**C. PROJECT LOCATION AND BACKGROUND INFORMATION:**

State: GA County/parish/borough: Bryan City: Richmond Hill  
Center coordinates of site (lat/long in degree decimal format): Lat. 31.9306° N, Long. -81.3302° W  
Universal Transverse Mercator: NAD 83

Name of nearest waterbody: Sterling Creek

Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Ogeechee River

Name of watershed or Hydrologic Unit Code (HUC): 0306020403

Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

**D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):**

Office (Desk) Determination. Date:

Field Determination. Date(s): 10/18/2021

**SECTION II: SUMMARY OF FINDINGS**

**A. RHA SECTION 10 DETERMINATION OF JURISDICTION.**

There **Are no** "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

Waters subject to the ebb and flow of the tide.

Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce.

Explain: .

**B. CWA SECTION 404 DETERMINATION OF JURISDICTION.**

There **Are no** "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

**1. Waters of the U.S.**

**a. Indicate presence of waters of U.S. in review area (check all that apply):<sup>1</sup>**

- TNWs, including territorial seas
- Wetlands adjacent to TNWs
- Relatively permanent waters<sup>2</sup> (RPWs) that flow directly or indirectly into TNWs
- Non-RPWs that flow directly or indirectly into TNWs
- Wetlands directly abutting RPWs that flow directly or indirectly into TNWs
- Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs
- Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
- Impoundments of jurisdictional waters
- Isolated (interstate or intrastate) waters, including isolated wetlands

**b. Identify (estimate) size of waters of the U.S. in the review area:**

Non-wetland waters: linear feet: width (ft) and/or acres.

Wetlands: acres.

**c. Limits (boundaries) of jurisdiction based on: **Not Applicable.****

Elevation of established OHWM (if known): .

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

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

Explain: (See Section IV.B for more information).

<sup>1</sup> Boxes checked below shall be supported by completing the appropriate sections in Section III below.

<sup>2</sup> For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally" (e.g., typically 3 months).

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

### SECTION III: CWA ANALYSIS

#### A. TNWs AND WETLANDS ADJACENT TO TNWs

The agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete Section III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 and Section III.D.1.; otherwise, see Section III.B below.

1. TNW

Identify TNW: n/a.

Summarize rationale supporting determination: n/a.

2. Wetland adjacent to TNW

Summarize rationale supporting conclusion that wetland is "adjacent": n/a.

#### B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under *Rapanos* have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody<sup>4</sup> is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i) General Area Conditions:

Watershed size: 0 acres

Drainage area: 0 acres

Average annual rainfall: inches

Average annual snowfall: 0 inches

(ii) Physical Characteristics:

(a) Relationship with TNW:

Tributary flows directly into TNW.

Tributary flows through **Pick List** tributaries before entering TNW.

Project waters are **Pick List** river miles from TNW.

Project waters are **Pick List** river miles from RPW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Project waters are **Pick List** aerial (straight) miles from RPW.

Project waters cross or serve as state boundaries. Explain:

Identify flow route to TNW<sup>5</sup>:

Tributary stream order, if known:

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

<sup>5</sup> Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

(b) General Tributary Characteristics (check all that apply):

Tributary is:  Natural  
 Artificial (man-made). Explain:  
 Manipulated (man-altered). Explain:

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

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

Primary tributary substrate composition (check all that apply):

Silts                                Sands                                Concrete  
 Cobbles                            Gravel                            Muck  
 Bedrock                        Vegetation. Type/% cover:  
 Other. Explain:

Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain:

Presence of run/riffle/pool complexes. Explain:

Tributary geometry: **Pick List**

Tributary gradient (approximate average slope):        %

(c) Flow:

Tributary provides for: **Pick List**

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

Describe flow regime:

Other information on duration and volume:

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

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

Dye (or other) test performed:

Tributary has (check all that apply):

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

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

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

(iii) **Chemical Characteristics:**

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

Explain:

Identify specific pollutants, if known:

<sup>6</sup>A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

<sup>7</sup>Ibid.

(iv) **Biological Characteristics. Channel supports (check all that apply):**

- Riparian corridor. Characteristics (type, average width):
- Wetland fringe. Characteristics:
- Habitat for:
  - Federally Listed species. Explain findings:
  - Fish/spawn areas. Explain findings:
  - Other environmentally-sensitive species. Explain findings:
  - Aquatic/wildlife diversity. Explain findings:

2. **Characteristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW**

(i) **Physical Characteristics:**

(a) General Wetland Characteristics:

Properties:

Wetland size:        acres

Wetland type. Explain:

Wetland quality. Explain:

Project wetlands cross or serve as state boundaries. Explain:

(b) General Flow Relationship with Non-TNW:

Flow is: **Pick List**. Explain:

Surface flow is: **Pick List**

Characteristics:

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

- Dye (or other) test performed:

(c) Wetland Adjacency Determination with Non-TNW:

Directly abutting

Not directly abutting

Discrete wetland hydrologic connection. Explain:

Ecological connection. Explain:

Separated by berm/barrier. Explain:

(d) Proximity (Relationship) to TNW

Project wetlands are **Pick List** river miles from TNW.

Project waters are **Pick List** aerial (straight) miles from TNW.

Flow is from: **Pick List**.

Estimate approximate location of wetland as within the **Pick List** floodplain.

(ii) **Chemical Characteristics:**

Characterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain:

Identify specific pollutants, if known:

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

- Riparian buffer. Characteristics (type, average width):
- Vegetation type/percent cover. Explain:
- Habitat for:
  - Federally Listed species. Explain findings:
  - Fish/spawn areas. Explain findings:
  - Other environmentally-sensitive species. Explain findings:
  - Aquatic/wildlife diversity. Explain findings:

3. **Characteristics of all wetlands adjacent to the tributary (if any)**

All wetland(s) being considered in the cumulative analysis: **Pick List**

Approximately (        ) acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N)      Size (in acres)      Directly abuts? (Y/N)      Size (in acres)

Summarize overall biological, chemical and physical functions being performed:

### C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

**Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:**

1. **Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D:
2. **Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:
3. **Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW.** Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

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

1. **TNWs and Adjacent Wetlands.** Check all that apply and provide size estimates in review area:  
 TNWs:      linear feet      width (ft), Or,      acres.  
 Wetlands adjacent to TNWs:      acres.
2. **RPWs that flow directly or indirectly into TNWs.**  
 Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial:  
 Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally:

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

- Tributary waters: linear feet width (ft).
  - Other non-wetland waters: acres.
- Identify type(s) of waters: .

**3. Non-RPWs<sup>8</sup> that flow directly or indirectly into TNWs.**

- Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C.

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

- Tributary waters: linear feet width (ft).
  - Other non-wetland waters: acres.
- Identify type(s) of waters: .

**4. Wetlands directly abutting an RPW that flow directly or indirectly into TNWs.**

- Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands.
  - Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .
  - Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: .

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

**5. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs.**

- Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide acreage estimates for jurisdictional wetlands in the review area: acres.

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

- Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.

Provide estimates for jurisdictional wetlands in the review area: acres.

**7. Impoundments of jurisdictional waters.<sup>9</sup>**

As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional.

- Demonstrate that impoundment was created from "waters of the U.S.," or
- Demonstrate that water meets the criteria for one of the categories presented above (1-6), or
- Demonstrate that water is isolated with a nexus to commerce (see E below).

**E. ISOLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, DEGRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY SUCH WATERS (CHECK ALL THAT APPLY):<sup>10</sup>**

- which are or could be used by interstate or foreign travelers for recreational or other purposes.
- from which fish or shellfish are or could be taken and sold in interstate or foreign commerce.
- which are or could be used for industrial purposes by industries in interstate commerce.
- Interstate isolated waters. Explain: .
- Other factors. Explain: .

**Identify water body and summarize rationale supporting determination:** .

<sup>8</sup>See Footnote # 3.

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

<sup>10</sup>Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

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

- Tributary waters: linear feet width (ft).
- Other non-wetland waters: acres.
- Identify type(s) of waters: .
- Wetlands: acres.

**F. NON-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY):**

- If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements.
- Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce.
  - Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR).
- Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: .
- Other: (explain, if not covered above): .

Provide acreage estimates for non-jurisdictional waters in the review area, where the sole potential basis of jurisdiction is the MBR factors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional judgment (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: 0.66 acres.

Provide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction (check all that apply):

- Non-wetland waters (i.e., rivers, streams): linear feet, width (ft).
- Lakes/ponds: acres.
- Other non-wetland waters: acres. List type of aquatic resource: .
- Wetlands: acres.

**SECTION IV: DATA SOURCES.**

**A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):**

- Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Mr. Mike DeMell, Terracon Consultants, Inc. .
- Data sheets prepared/submitted by or on behalf of the applicant/consultant.
  - Office concurs with data sheets/delineation report.
  - Office does not concur with data sheets/delineation report.
- Data sheets prepared by the Corps: .
- Corps navigable waters' study: .
- U.S. Geological Survey Hydrologic Atlas: National Regulatory Viewer.
  - USGS NHD data.
  - USGS 8 and 12 digit HUC maps.
- U.S. Geological Survey map(s). Cite scale & quad name: .
- USDA Natural Resources Conservation Service Soil Survey. Citation: .
- National wetlands inventory map(s). Cite name: National Regulatory Viewer.
- State/Local wetland inventory map(s): .
- FEMA/FIRM maps: National Regulatory Viewer, FEMA flood hazard layer.
- 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)
- Photographs:  Aerial (Name & Date): .  
or  Other (Name & Date): On Site, 20211018.
- Previous determination(s). File no. and date of response letter: 990011190, 20030630.
- Applicable/supporting case law: .
- Applicable/supporting scientific literature: .
- Other information (please specify): .

**B. ADDITIONAL COMMENTS TO SUPPORT JD:** Wetland 1, labeled "1" on the exhibit "National Wetland Inventory (NWI) Data, JACP Properties, LP Isolated Wetlands", is a depressional isolated wetland 0.66-ac in size located at 31.9301, -81.3305. The wetland is 557 linear feet from the nearest potentially jurisdictional water,  $\geq 2.96$  miles from the nearest TNW (Ogeechee River) and  $\pm 1,735$  linear feet from the nearest 100 year flood plain. Therefore, during times of heavy precipitation, there is a very low probability that floodwater would reach

an elevation necessary for water to flow from other jurisdictional waters into this feature. The uplands surrounding the wetland are approximately 1-2 foot higher in elevation than the average surface elevation within the wetland. This wetland does not exhibit a natural or man-made discrete and/or confined surface water connection between the subject feature and any other waters. During the site inspection no surface connection such as ditches or swales were found between this wetland and other potentially jurisdictional waters. Further there is no evidence of surface-water flow to or from the feature. Field inspection did not reveal a depressional surface feature between the isolated wetland to the nearest jurisdictional water, where water might flow during a major rainfall event. The upland soils located between the isolated wetland and the nearest jurisdictional wetland are mapped as Pelham Loamy Sand (PD). A shallow subsurface connection cannot be documented due to the distance from the isolated wetland to the nearest potentially jurisdictional water. Based on observed site conditions, it appears that any subsurface flow would occur from the upland into the wetland. Based on this discussion, it appears that there is no hydrologic connectivity to adjacent hydrologic systems because of natural landscape positions. Wetland 1 (0.66-ac) has no surface or subsurface hydrologic connectivity to other jurisdictional waters and is therefore considered to be isolated and non-jurisdictional.



Photo 1: AA-6 Wetland Data Form Location



Photo 2: AA-6 Upland Data Form Location

**Terracon**

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SAVANNAH, GA 31404  
FAX (912) 629-4001

Isolated Wetland Photos

**JACP Properties, LP - Isolated Wetland**

Bryan County, Georgia

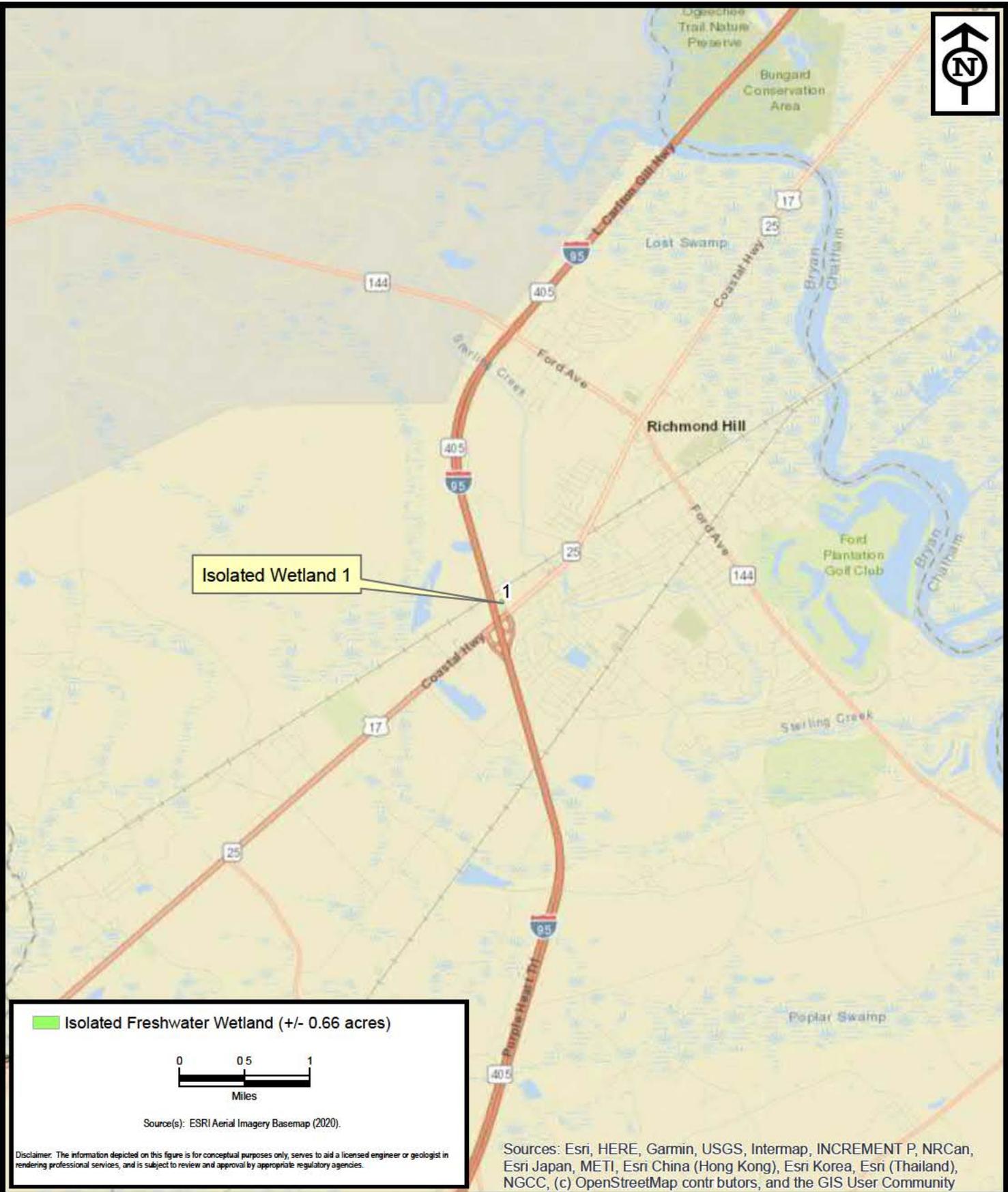
Project No. ES217162

Date Oct 2021

Drawn By AJV

Checked By KHD

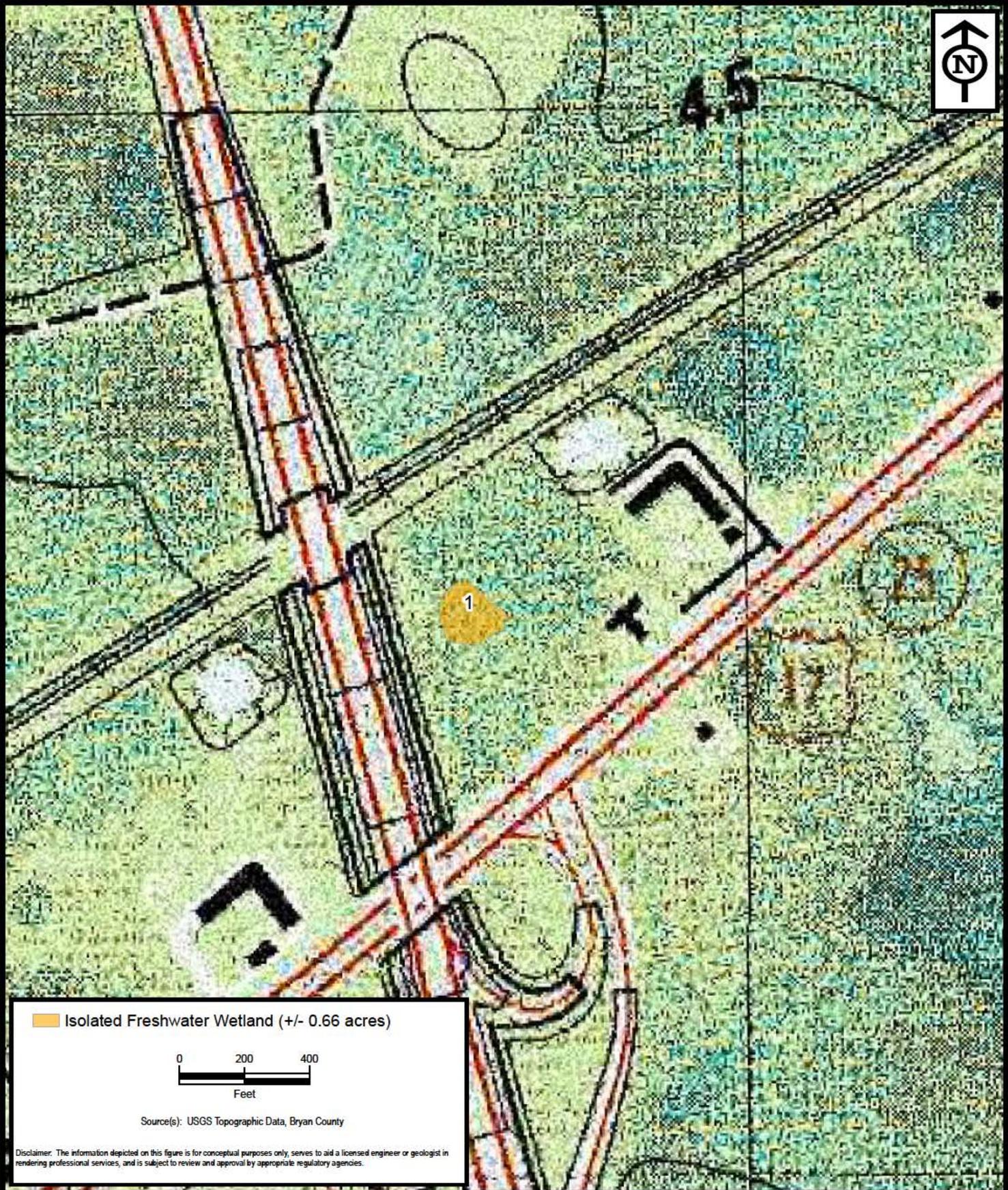
Figure No. **PS-1**



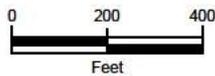
**Terracon**  
 2201 Rowland Avenue SAVANNAH, GA 31404  
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Vicinity Exhibit  
**JACP Properties, LP Isolated Wetlands**  
 Bryan County, Georgia

Project No.	ES217162
Date	Oct 2021
Drawn By	AJV
Checked By	KHD
Approved By	MJD
<b>Figure No.</b>	<b>1</b>



 Isolated Freshwater Wetland (+/- 0.66 acres)



Source(s): USGS Topographic Data, Bryan County

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

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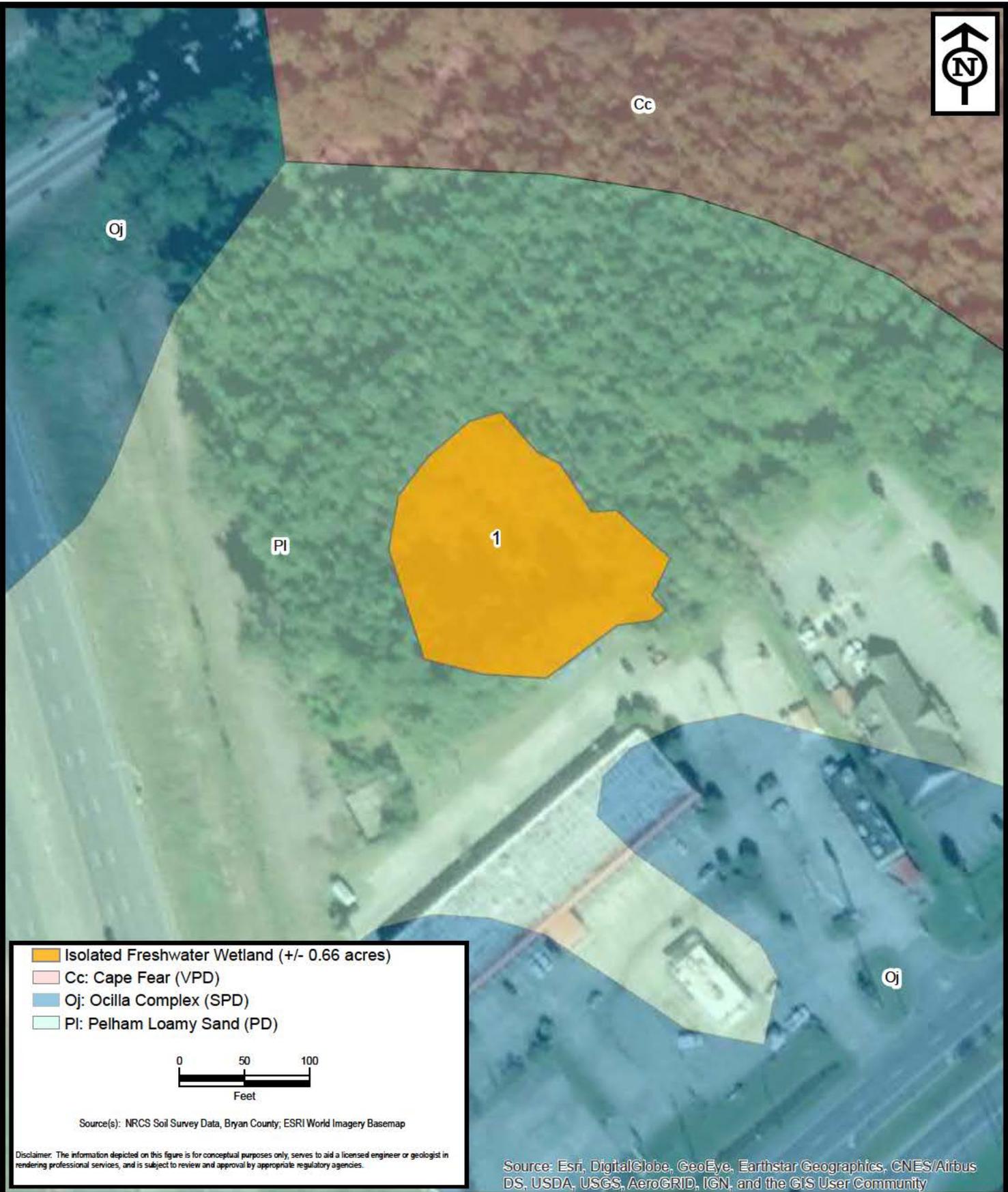
SAVANNAH, GA 31404  
FAX (912) 629-4001

Topographic Images

## JACP Properties, LP Isolated Wetlands

Bryan County, Georgia

Project No.	ES217162
Date	Oct 2021
Drawn By	AJV
Checked By	KHD
Approved By	MJD
Figure No.	2



Isolated Freshwater Wetland (+/- 0.66 acres)  
 Cc: Cape Fear (VPD)  
 Oj: Ocilla Complex (SPD)  
 Pi: Pelham Loamy Sand (PD)

0      50      100  
 Feet

Source(s): NRCS Soil Survey Data, Bryan County; ESRI World Imagery Basemap

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Terracon**

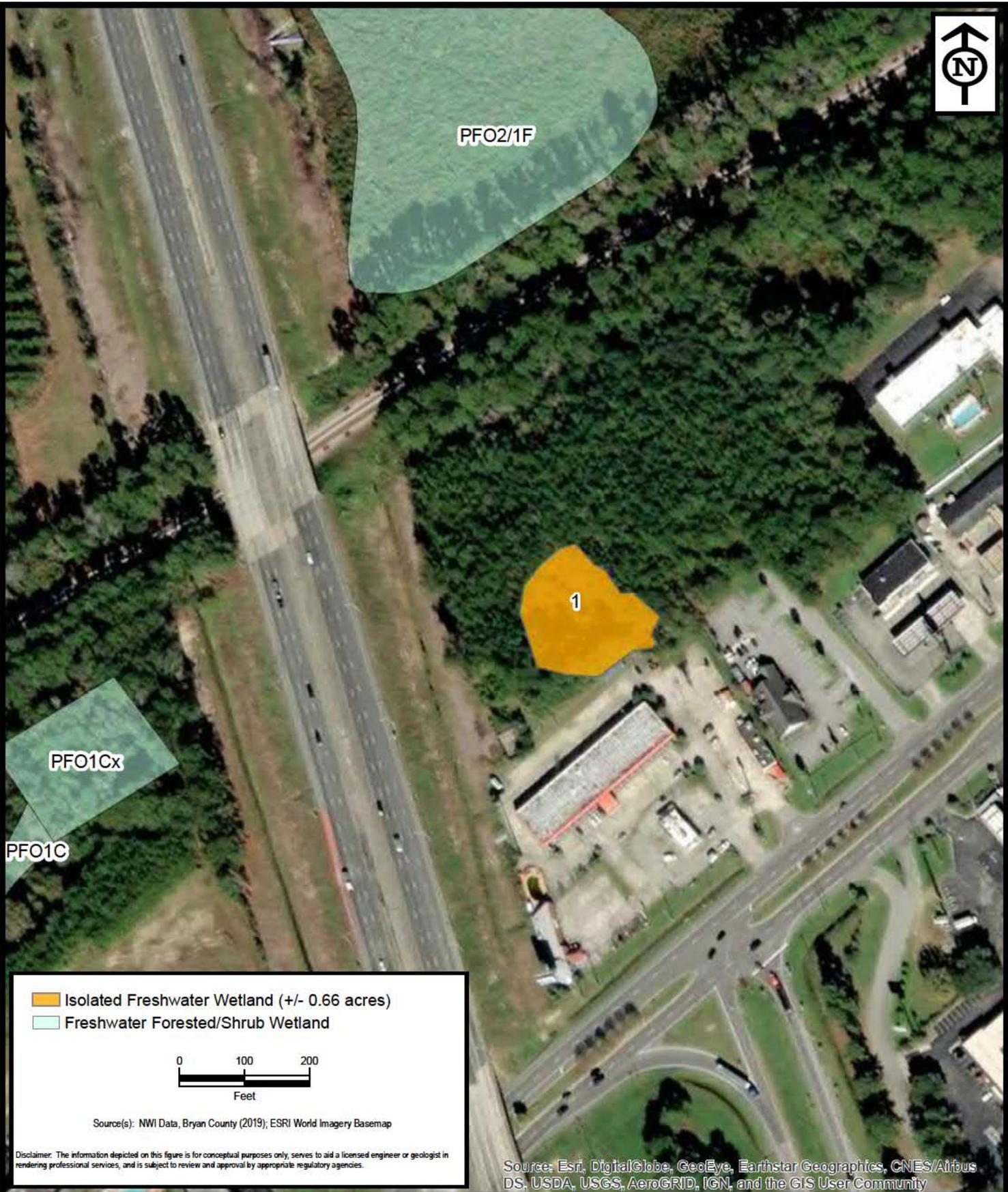
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 PH. (912) 629-4000      FAX (912) 629-4001

NRCS Soil Survey Data

**JACP Properties, LP Isolated Wetlands**

Bryan County, Georgia

Project No.	ES217162
Date	Oct 2021
Drawn By	AJV
Checked By	KHD
Approved By	MJD
<b>Figure No.</b>	<b>3</b>



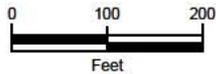
PFO2/1F

1

PFO1Cx

PFO1C

-  Isolated Freshwater Wetland (+/- 0.66 acres)
-  Freshwater Forested/Shrub Wetland



Source(s): NWI Data, Bryan County (2019); ESRI World Imagery Basemap

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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2201 Rowland Avenue  
PH. (912) 629-4000

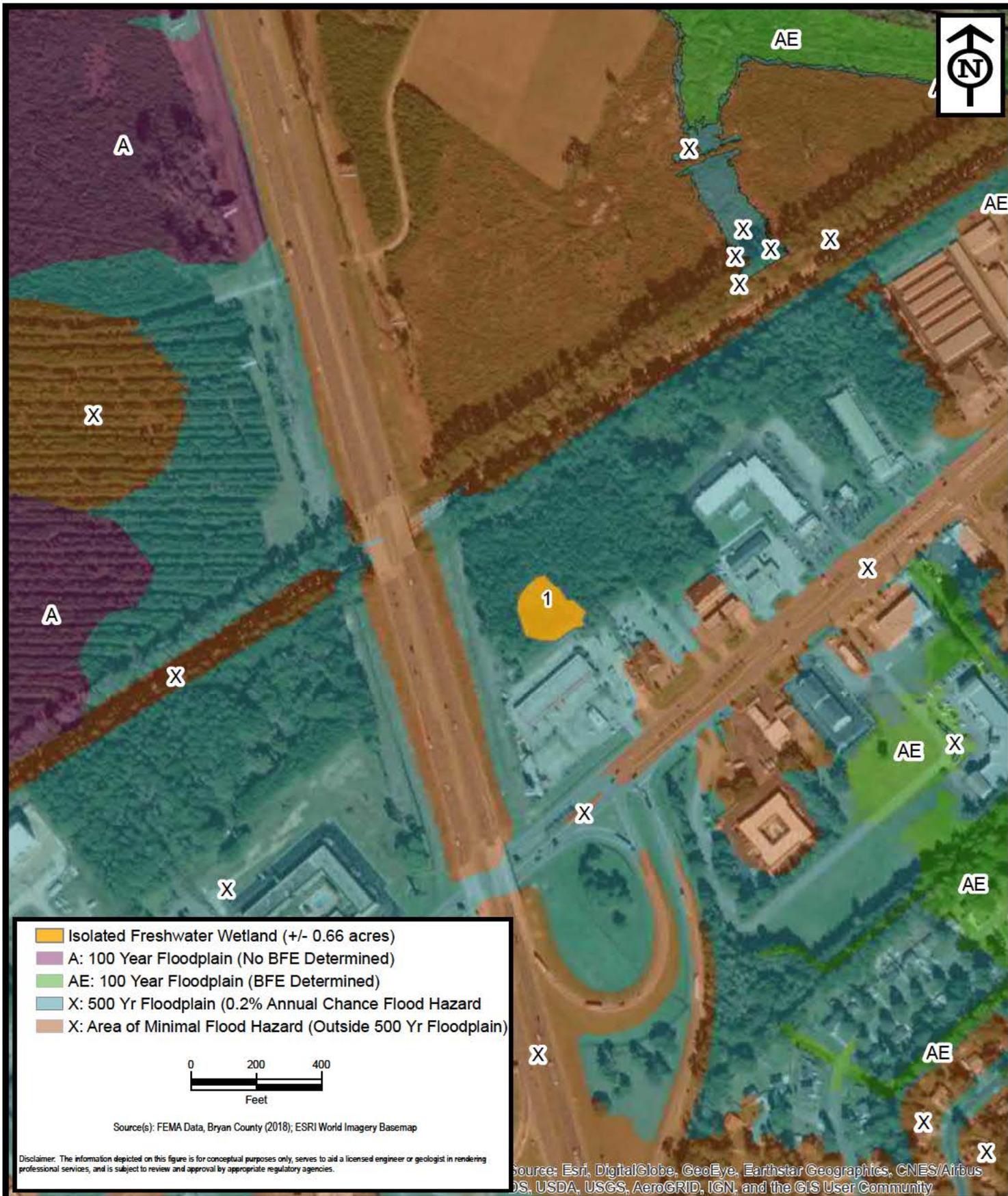
SAVANNAH, GA 31404  
FAX (912) 629-4001

National Wetland Inventory (NWI) Data

## JACP Properties, LP Isolated Wetlands

Bryan County, Georgia

Project No.	ES217162
Date	Oct 2021
Drawn By	AJV
Checked By	KHD
Approved By	MJD
Figure No.	3

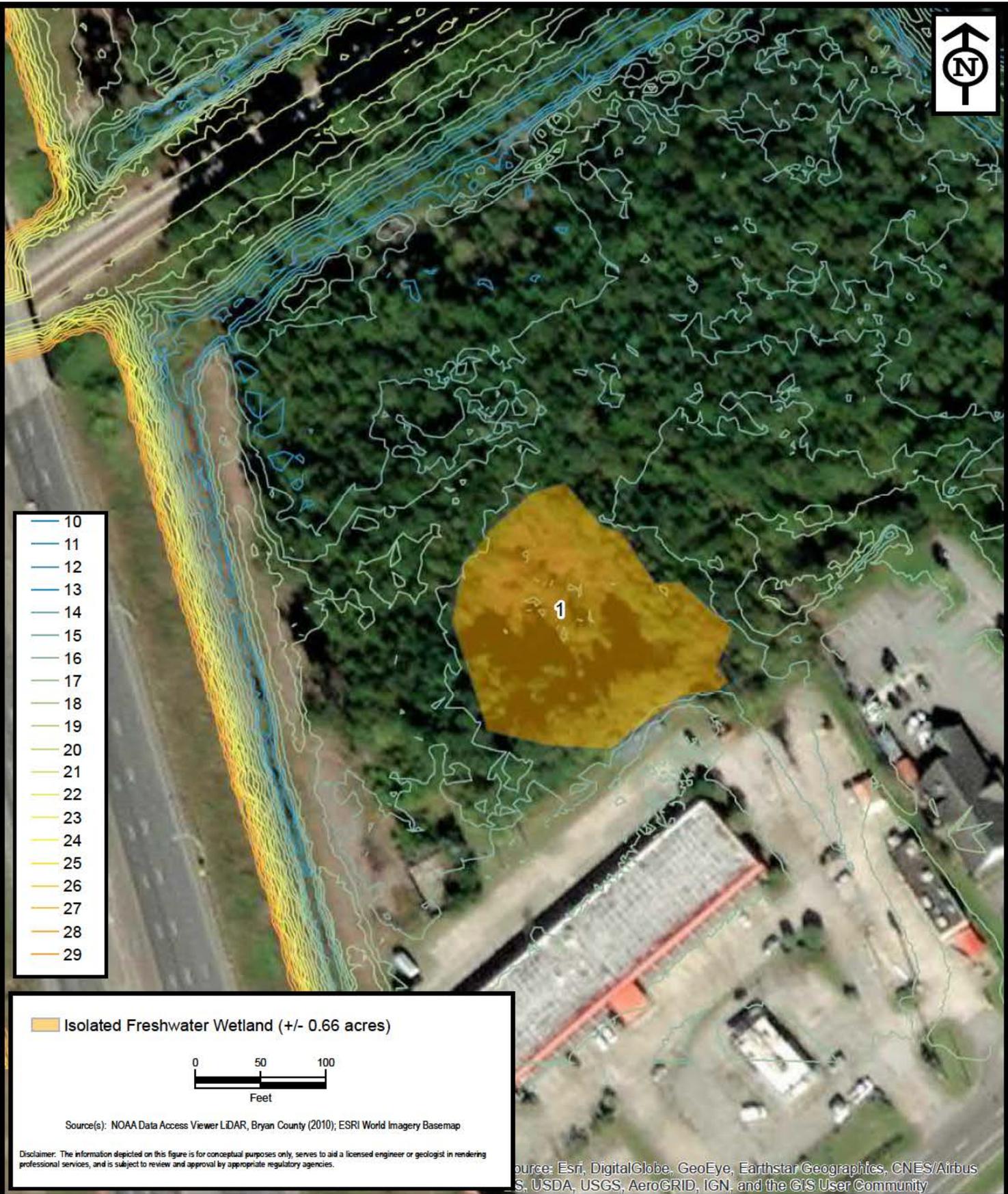


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Terracon**  
 2201 Rowland Avenue SAVANNAH, GA 31404  
 PH. (912) 629-4000 FAX (912) 629-4001

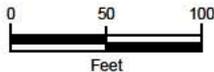
FEMA Floodzone Data  
**JACP Properties, LP Isolated Wetlands**  
 Bryan County, Georgia

Project No.	ES217162
Date	Oct 2021
Drawn By	AJV
Checked By	KHD
Approved By	MJD
<b>Figure No.</b>	<b>5</b>



- 10
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 Isolated Freshwater Wetland (+/- 0.66 acres)



Source(s): NOAA Data Access Viewer LiDAR, Bryan County (2010); ESRI World Imagery Basemap

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus S. USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Terracon

2201 Rowland Avenue  
PH. (912) 629-4000

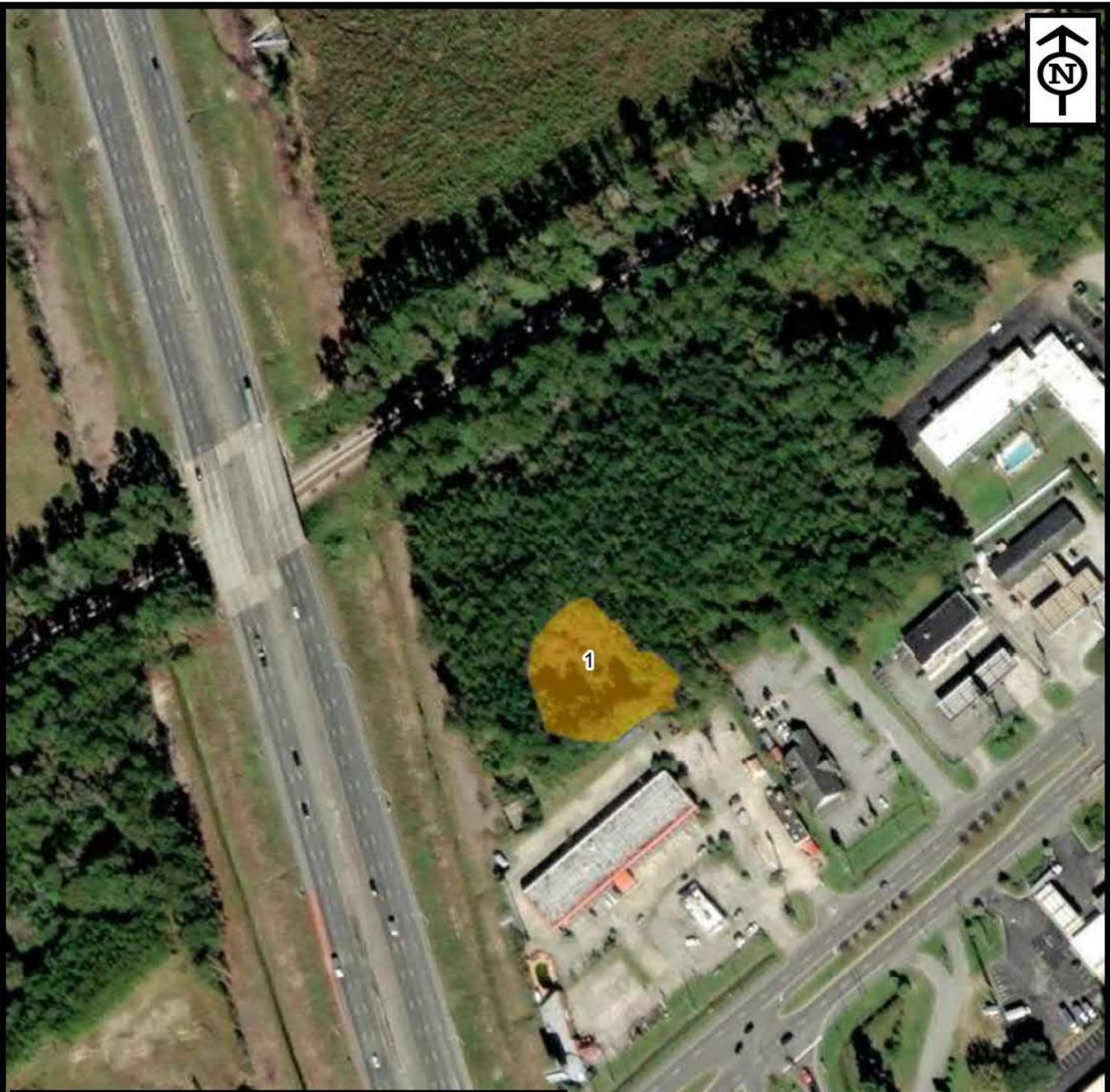
SAVANNAH, GA 31404  
FAX (912) 629-4001

LiDAR 1 ft Contours

## JACP Properties, LP Isolated Wetlands

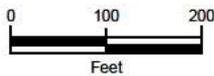
Bryan County, Georgia

Project No.	ES217162
Date	Oct 2021
Drawn By	AJV
Checked By	KHD
Approved By	MJD
Figure No.	6



1

 Isolated Freshwater Wetland (+/- 0.66 acres)



Source(s): ESRI World Imagery Basemap

Disclaimer: The information depicted on this figure is for conceptual purposes only, serves to aid a licensed engineer or geologist in rendering professional services, and is subject to review and approval by appropriate regulatory agencies.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus S, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Terracon

2201 Rowland Avenue  
PH. (912) 629-4000

SAVANNAH, GA 31404  
FAX (912) 629-4001

Aerial Imagery of Isolated Wetland

## JACP Properties, LP Isolated Wetlands

Bryan County, Georgia

Project No. ES217162

Date Oct 2021

Drawn By AJV

Checked By KHD

Approved By MJD

Figure No. 7

Flagging Number	Lat.	Long.
aa1start=aa18end	31.93000898	-81.3302244
aa2	31.92989833	-81.3304011
aa3	31.92990836	-81.3305569
aa4	31.92994134	-81.3307028
aa6	31.93017323	-81.3307887
aa6	31.93028705	-81.330763
aa7	31.93036887	-81.3306878
aa8	31.93044267	-81.3305869
aa9	31.93046216	-81.3305073
aa10	31.93037539	-81.3304186
aa11	31.93035145	-81.3303624
aa12	31.93024915	-81.3302856
aa13	31.93025192	-81.3302236
aa14	31.93019848	-81.330156
aa15	31.9301509	-81.330092
aa16	31.93007163	-81.3301375
aa17	31.93002349	-81.3300886
ab1start	31.93097993	-81.3308962
ab2	31.9309053	-81.3309033
ab3	31.93089948	-81.3309967
ab4	31.93086665	-81.3308956
ab5	31.93085663	-81.3307712
ab6	31.93084256	-81.3306802
ab7	31.93089497	-81.3306095
ab8	31.93093765	-81.3304594
ab9	31.93104247	-81.3304555
ab10	31.93102102	-81.3306462
ab11end	31.93106454	-81.3306547
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ac2	31.93094181	-81.3293078
ac3	31.93080555	-81.3291972
ac4	31.9307184	-81.3292602
ac5	31.93069474	-81.3294086
ac6	31.93063679	-81.3294766
ac7	31.93066888	-81.3295426
ac8	31.93075782	-81.3295089
ac9	31.93077753	-81.3294689
ac10	31.93082784	-81.3294356
ac11	31.93089529	-81.3294591
ac12	31.93096752	-81.329451

ENVIRONMENTAL SERVICES, INC.

THIRD FLOOR  
204 WEST ST. JULIAN STREET  
SAVANNAH, GEORGIA 31401

(912) 236-4711

4 July 2004

Coldbrook Properties, Inc.  
Attention: Mr. Chris Wynn  
7130 Hodgeson Memorial Drive  
Suite 204  
Savannah, Georgia 31406

**RE: Wetland Jurisdictional Verification for 6.76-ac. Portion of White Oak Plantation  
Richmond Hill, Bryan County, Georgia  
Regulatory Branch No. 990011190** **ESI# ES03016.00**

Dear Mr. Wynn:

Attached is a copy of the verification letter from the U.S. Army Corps of Engineers (CE), dated June 30, 2003, regarding the above-referenced project site located in Bryan County, Georgia.

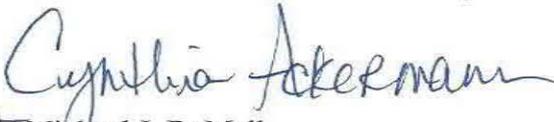
CE agrees with the delineation performed by Environmental Services, Inc. (ESI). The wetlands identified as Wetland Areas B and C, as depicted on the survey titled *Wetlands Survey, A 6.76 Acre Portion Of White Oak Plantation, 20<sup>th</sup> G.M. District, Richmond Hill, Bryan County, Georgia, For: First City Properties*, dated December 7, 1999, are non-isolated, jurisdictional waters of the U.S. Disturbance to these areas would require prior authorization from CE. This delineation will remain valid for a period of five (5) years, **June 30, 2008**, unless new information warrants revision prior to that date and would require prior Department of the Army authorization pursuant to section 404.

Additionally, CE also agrees with ESI's delineation that Wetland Area A, as shown on the above-referenced survey, is isolated and non-jurisdictional, and does not require prior authorization.

If you have any questions, please feel free to call.

Sincerely yours,

ENVIRONMENTAL SERVICES, INC.

  
 Michael J. DeMell  
Vice President



DEPARTMENT OF THE ARMY  
SAVANNAH DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 889  
SAVANNAH, GEORGIA 31402-0889

JUN 30 2003

REPLY TO

Regulatory Branch  
990011190

Coldbrook Properties, Inc.  
Attention: Mr. Chris Wynn  
7130 Hodgeson Memorial Drive  
Suite 204  
Savannah, Georgia 31406

Dear Sirs:

I refer to the request of April 11, 2003, provided on your behalf by Environmental Services, Inc. concerning a jurisdictional determination for your site located immediately north of US Highway 17 and approximately 100 feet east of Interstate Highway 95, in Richmond Hill, Bryan County, Georgia. I also refer to a site inspection by Kelly Hendricks of this office, on May 7, 2003. This project has been assigned number 990011190 and it is important that you refer to this number in all communication concerning this matter.

As stipulated in the January 9, 2001, United States Supreme Court decision on *Solid Waste Agency of Northern Cook County v. United States Army Corps of Engineers*, the US Army Corps of Engineers cannot assert Clean Water Act jurisdiction over isolated, non-navigable, intrastate waters based solely on their use as habitat for migratory birds. In light of this decision, your consultant provided the opinion that several wetlands located on the subject tract are non-jurisdictional.

We have reviewed the information under criteria contained in the 1987 "Corps of Engineers Wetland Delineation Manual." The survey entitled "WETLANDS SURVEY, A 6.76 ACRE PORTION OF WHITE OAK PLANTATION, 20th G.M. DISTRICT, RICHMOND HILL, BRYAN COUNTY, GEORGIA, FOR: FIRST CITY PROPERTIES", dated December 7, 1999, is still an accurate depiction of the wetland boundaries. Based on our review and my site inspection, we have determined that Wetland Areas B and C, as shown on the referenced survey are non-isolated, jurisdictional waters of the United States and are within the jurisdiction of Section 404 of the Clean Water Act (CWA) (33 U.S.C. 1344). The placement of dredged or fill material into jurisdictional waterways and/or their adjacent wetlands or mechanized land clearing of those wetlands would require prior Department of the Army authorization pursuant to section 404.

We also determined that Wetland Area A is isolated and non-jurisdictional. Department of the Army authorization, pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344), is not required for dredge and/or fill activities in this area.

If you have not already done so, I recommend that you label the wetlands appropriately as either non-jurisdictional or jurisdictional wetlands and place a statement on the final surveyed property plat to the effect that "JURISDICTIONAL WETLANDS SHOWN ON THIS PLAN ARE UNDER THE JURISDICTION OF THE US ARMY CORPS OF ENGINEERS. OWNERS MAY BE SUBJECT TO PENALTY BY LAW FOR DISTURBANCE TO THESE JURISDICTIONAL WETLAND AREAS WITHOUT PROPER AUTHORIZATION." This delineation will remain valid for a period of 5 years unless new information warrants revision prior to that date.

This delineation/determination has been conducted to identify the limits of the US Army Corps of Engineers' Clean Water Act jurisdiction for the particular site identified in this request. This delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are US Department of Agriculture (USDA) program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

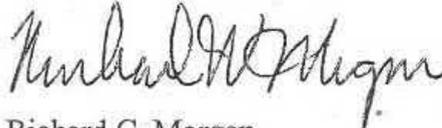
If you intend to sell property that is part of a project that requires Department of the Army Authorization, it may be subject to the Interstate Land Sales Full Disclosure Act. The Property Report required by Housing and Urban Development Regulation must state whether or not a permit for the development has been applied for, issued or denied by the US Army Corps of Engineers (Part 320.3(h) of Title 33 of the Code of Federal Regulations). You may contact the Department of Housing and Urban Development at the address provided to avoid a possible violation of this act.

This communication does not convey any property rights, either in real estate or material, or any exclusive privileges. It does not authorize any injury to property, invasion of rights, or any infringement of federal, state or local laws, or regulations. It does not obviate your requirement to obtain state or local assent required by law for the development of this property. If the information you have submitted, and on which the US Army Corps of Engineers has based its determination is later found to be in error, this decision may be revoked.

We have enclosed a form, which explains your right to appeal this decision in accordance with Title 33, Code of Federal Regulations, Part 331, published in the March 28, 2000, Federal Register, Vol. 65, No. 60, Pages 16486-16503. We have also enclosed a document titled, "Basis For Jurisdictional Determination."

If you have any further questions or concerns pertaining to this matter, please feel free to contact Kelly N. Hendricks, of my staff at (912) 652-5130.

Sincerely,



Richard C. Morgan  
Chief, Southern Section

Enclosures

Copy Furnished:

Department of Housing and Urban  
Development, Regional Office  
Environmental Branch  
75 Spring Street  
Atlanta, Georgia 30303

Bryan County Board of Commissioners  
Department of Planning and Zoning  
Attention: Christine Stringer, Planning Director  
Post Office Box 1071  
Pembroke, Georgia 31321

Mr. Michael J. DeMell, Vice President  
Environmental Services, Inc.  
204 West St. Julian Street, Third Floor  
Savannah, Georgia 31401



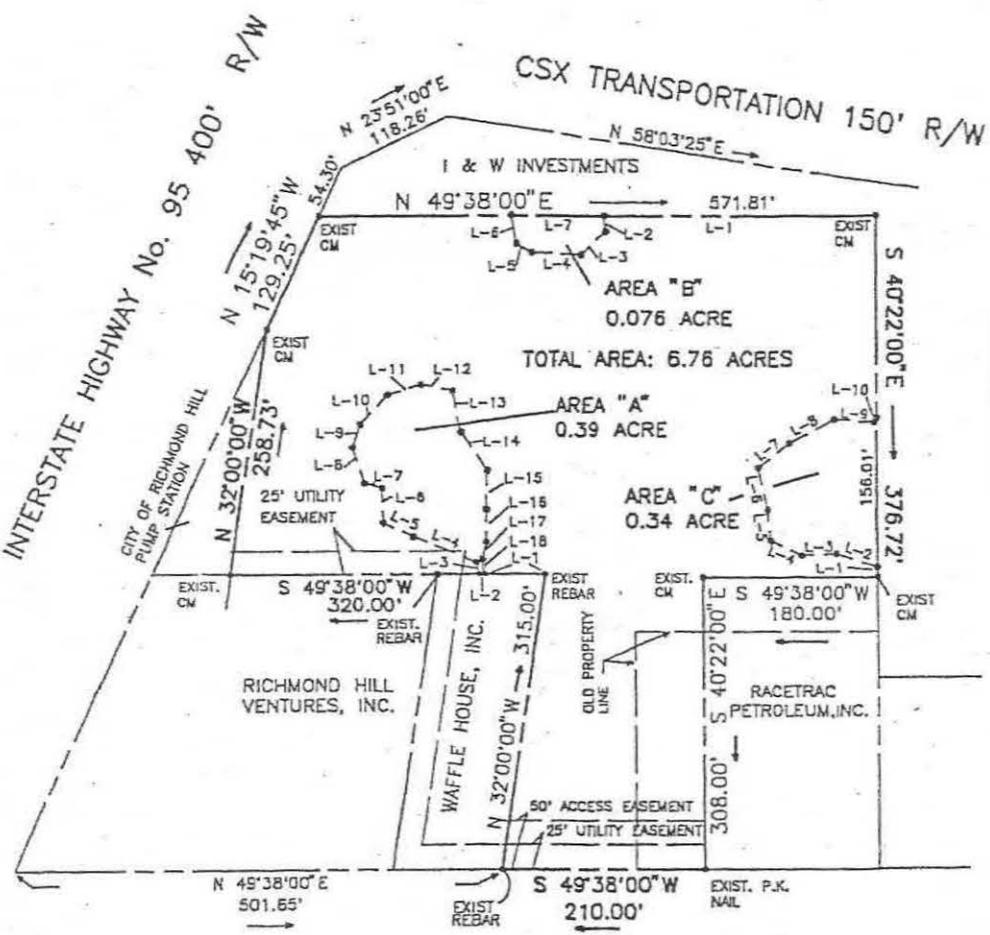
**WETLA'S SUMMARY:**

AREA 'A' = 0.39 AC.

AREA 'B' = 0.076 AC.

AREA 'C' = 0.34 AC.

TOTAL AREA = 0.81 ACRES



**AREA "A"**

COURSE	BEARING	DISTANCE
L-1	S 49°38'00"W	61.65'
L-2	S 49°38'00"W	5.88'
L-3	N 53°28'05"W	12.87'
L-4	S 73°05'25"W	68.28'
L-5	S 76°25'50"W	32.82'
L-6	N 42°24'10"W	35.95'
L-7	S 65°54'15"W	18.55'
L-8	N 58°38'45"W	38.89'
L-9	N 22°45'35"W	25.82'
L-10	N 01°47'15"E	41.79'
L-11	N 31°46'25"E	34.73'
L-12	N 61°03'05"E	31.98'
L-13	S 51°32'45"E	44.24'
L-14	S 73°36'05"E	48.55'
L-15	S 38°55'20"E	40.72'
L-16	S 39°57'05"E	33.58'
L-17	S 26°40'15"E	18.92'
L-18	S 48°42'10"E	15.97'

**AREA "B"**

COURSE	BEARING	DISTANCE
L-1	S 49°38'00"W	279.96'
L-2	S 45°30'30"E	16.50'
L-3	S 06°58'35"W	34.81'
L-4	S 52°04'35"W	51.86'
L-5	S 79°47'35"W	18.22'
L-6	N 49°27'45"W	29.02'
L-7	N 49°38'00"E	96.28'

**AREA "C"**

COURSE	BEARING	DISTANCE
L-1	N 40°22'00"W	10.68'
L-2	S 67°59'05"W	44.91'
L-3	S 46°48'00"W	35.39'
L-4	S 76°03'00"W	35.14'
L-5	N 46°49'55"W	32.11'
L-6	N 52°20'25"W	44.70'
L-7	N 11°21'35"E	41.23'
L-8	N 20°18'00"E	52.22'
L-9	N 53°57'45"E	41.96'
L-10	N 09°56'05"W	5.10'

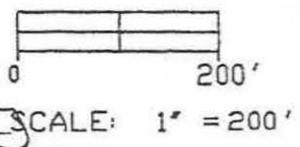
U.S. HIGHWAY NO. 17 200' R/W

**WETLANDS SURVEY**

A 6.76 ACRE PORTION OF WHITE OAK PLANTATION, 20th G.M. DISTRICT, RICHMOND HILL, BRYAN COUNTY, GEORGIA

FOR: FIRST CITY PROPERTIES

- NOTE:
1. WETLANDS LIMITS DELINEATED BY ENVIRONMENTAL SERVICES, INC. MAY 1999.
  2. THIS SUBJECT PROPERTY CONTAINS WETLANDS UNDER THE JURISDICTION OF THE U.S. ARMY CORPS OF ENGINEERS. DISTURBANCE TO THESE WETLAND AREAS WITHOUT PROPER AUTHORIZATION MAY RESULT IN PENALTY BY LAW.



VINCENT HELMLLY  
119 BURTON ROAD  
SAVANNAH, GEORGIA 31405

DATE: DECEMBER 7, 1999  
JOB NO. 99-242

BASIS FOR JURISDICTIONAL DETERMINATION  
990011190

We reviewed the information provided by the applicant's consultant and all other information available regarding the site and determined that the wetlands were delineated in accordance with 1987 "Corps of Engineers Delineation Manual." Based on this review, as well as a review of aerial photographs, soils maps, etc, in accordance with 33 CFR 328.3 to determine if the wetland areas are subject to our jurisdiction under Section 404 of the Clean Water Act, we determined that the Wetland Areas B and C would be subject to our jurisdiction pursuant to Section 404 of the Clean Water Act since they are adjacent to and/or have a surface connection to a tributary to Sterling Creek. Impacts to these wetlands would have the potential to affect interstate or foreign commerce since these waters eventually flow into a navigable water of the United States. We also determined that Wetland Area A on the plat map is isolated and has no surface connection to any other water of the United States. This area is non-jurisdictional since impacts to the site would not affect interstate or foreign commerce.

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND  
REQUEST FOR APPEAL**

Applicant: Coldbrook Properties, Inc.		File Number: 990011190	Date: 30 Jun 2003
Attached is:		See Section below	
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
	PERMIT DENIAL	C	
X	APPROVED JURISDICTIONAL DETERMINATION	D	
	PRELIMINARY JURISDICTIONAL DETERMINATION	E	

**SECTION I** - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/ccewo/reg> or Corps regulations at 33 CFR Part 331.

**A: INITIAL PROFFERED PERMIT:** You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

**B: PROFFERED PERMIT:** You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**C: PERMIT DENIAL:** You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**D: APPROVED JURISDICTIONAL DETERMINATION:** You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

**E: PRELIMINARY JURISDICTIONAL DETERMINATION:** You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

**SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT**

**REASONS FOR APPEAL OR OBJECTIONS:** (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

**ADDITIONAL INFORMATION:** The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

**POINT OF CONTACT FOR QUESTIONS OR INFORMATION:**

If you have questions regarding this decision and/or the appeal process you may contact:  
Kelly N. Hendricks  
CESAS-OP-FS  
US Army Corps of Engineers, Savannah District  
P.O. Box 889  
Savannah, Georgia 31402

If you only have questions regarding the appeal process you may also contact:  
Mr. Arthur Middleton, Administrative Appeal Review Officer  
CESAD-ET-CO-R  
U.S. Army Corps of Engineers, South Atlantic Division  
60 Forsyth Street, Room 9M15  
Atlanta, Georgia 30303-8801

**RIGHT OF ENTRY:** Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

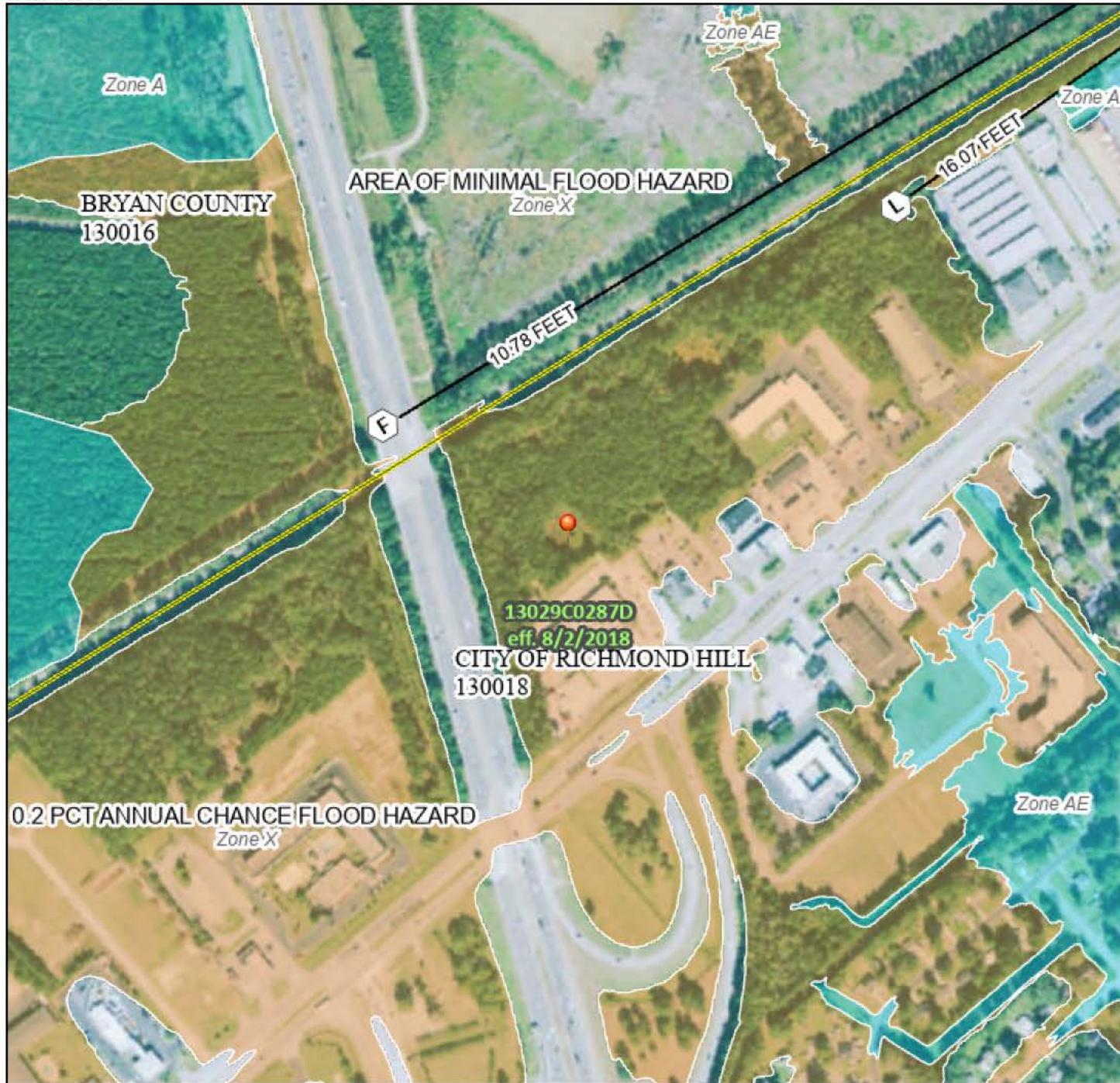
Signature of appellant or agent.	Date:	Telephone number:
----------------------------------	-------	-------------------

**DIVISION ENGINEER:**  
Commander  
U.S. Army Engineer Division, South Atlantic  
60 Forsyth Street, Room 9M15  
Atlanta, Georgia 30303-3490

# National Flood Hazard Layer FIRMMette



81°20'9"W 31°56'4"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/3/2021 at 4:30 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

81°19'31"W 31°55'33"N

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend



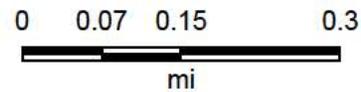
Starling Creek

Food  
Lion

USGS WBD - Watershed Boundary Dataset. Data refreshed October, 2021, USGS TNM - National Hydrography Dataset. Data Refreshed October, 2021, Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Savannah Area GIS, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA, Maxar



NHD & HUC



Map Center: 81.330158°W 31.931525°N

Map Created by: Tyler Brock

Date: 11/4/2021

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere