

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS
69A Hagood Avenue
Charleston, South Carolina 29403-5107
and
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Water Quality Certification and Wetlands Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION

Refer to: P/N SAC-2018-00594

October 19, 2018

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

Mr. William N. Kellahan
Pocotaligo Swamp Preservation Group, LLC
116 North Jackson Street
Kingstree, SC 29556

for a permit to establish and operate the Pocotaligo Swamp Mitigation Bank (PSMB). The applicant seeks authorization to undergo restoration, enhancement, and preservation activities to generate net increases in aquatic resource functions and services. The PSMB proposes to provide compensatory mitigation for unavoidable, adverse impacts to Waters of the United States. The project site has been proposed on

Juneburn Branch and the Pocotaligo River

at a location near June Burn Road, Clarendon County County, South Carolina (Latitude: 33.7123 °N, Longitude: 80.1476 °W), Manning Quadrangle.

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

15 Days from the Date of this Notice,

and **SCDHEC** will receive written statements regarding the proposed work until

30 Days from the Date of this Notice

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of both wetland and stream restoration, enhancement, enhancement by upland buffering, and preservation. In detail, the project intends to restore

approximately 2 acres of wetlands by removing existing roads and dike sections in wetlands, enhance approximately 3 acres of wetlands in areas that were excavated for ponds in the 1960s and are currently used as irrigation and fish ponds, enhance 73 acres of wetlands in areas that have been previously ditched and converted to pine monoculture, enhance 309 acres of clear-cut bottomland hardwood wetlands in the Pocotaligo Swamp, preserve 554 acres of mature bottomland hardwood wetlands, enhance wetlands and streams by providing approximately 185 acres of upland buffer, restore 8,635 LF of perennial and seasonal streams that have been channelized and deepened to form drainage ditches, enhance 3,260 LF of perennial and seasonal streams that have been channelized and deepened to form drainage ditches, and preserve 21,361 LF of perennial streams. The project purpose is to mitigate for unavoidable, adverse impacts to Waters of the U.S.

NOTE: This public notice and associated plans are available on the Corps' website at:
<http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would not impact any estuarine substrates or emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information that the project will have no effect on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(1)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers
ATTN: REGULATORY DIVISION
69A Hagood Avenue
Charleston, South Carolina 29403-5107**

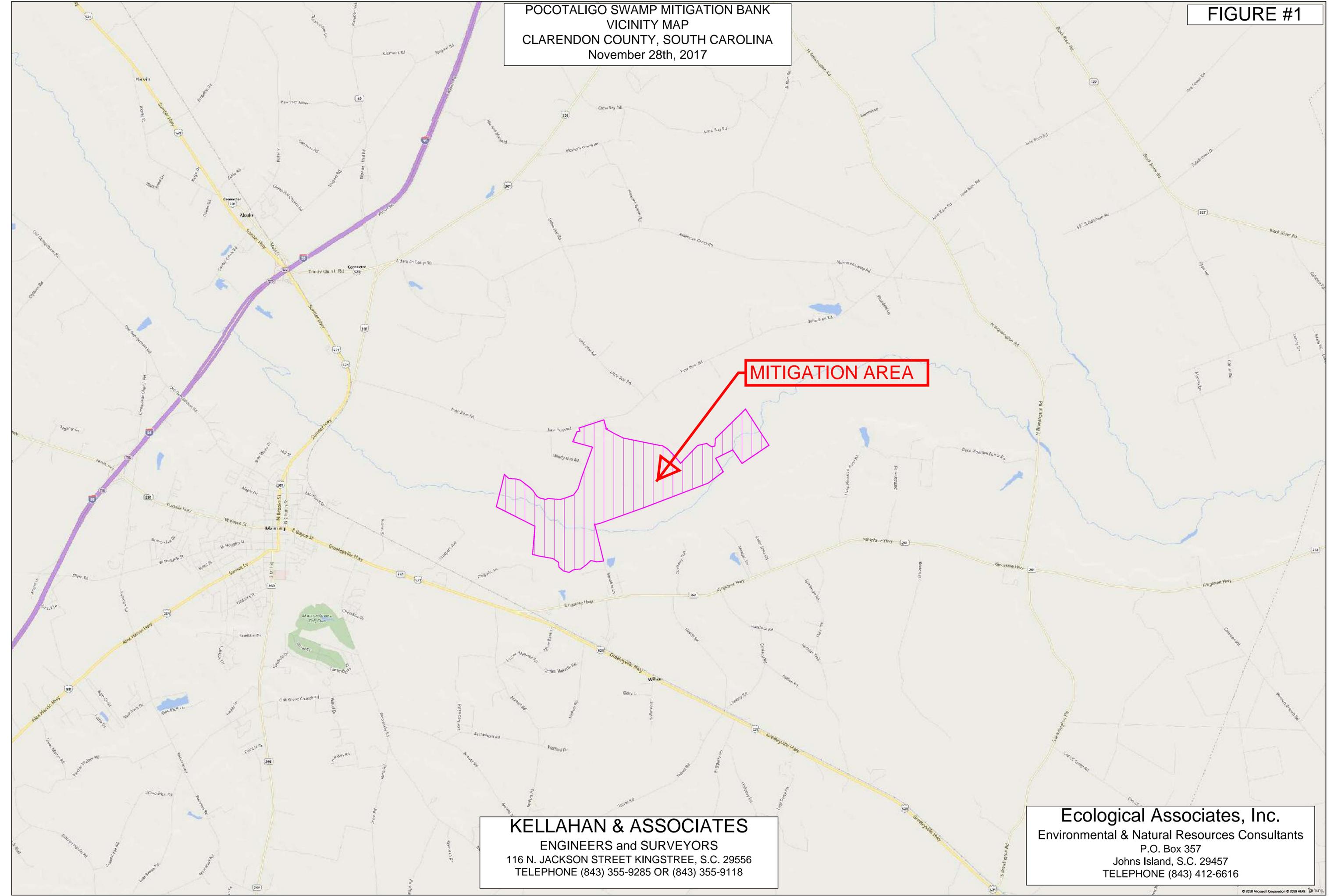
If there are any questions concerning this public notice, please contact Shawn Boone, Project Manager, at (843) 329-8044 or toll free at 1-866-329-8187.

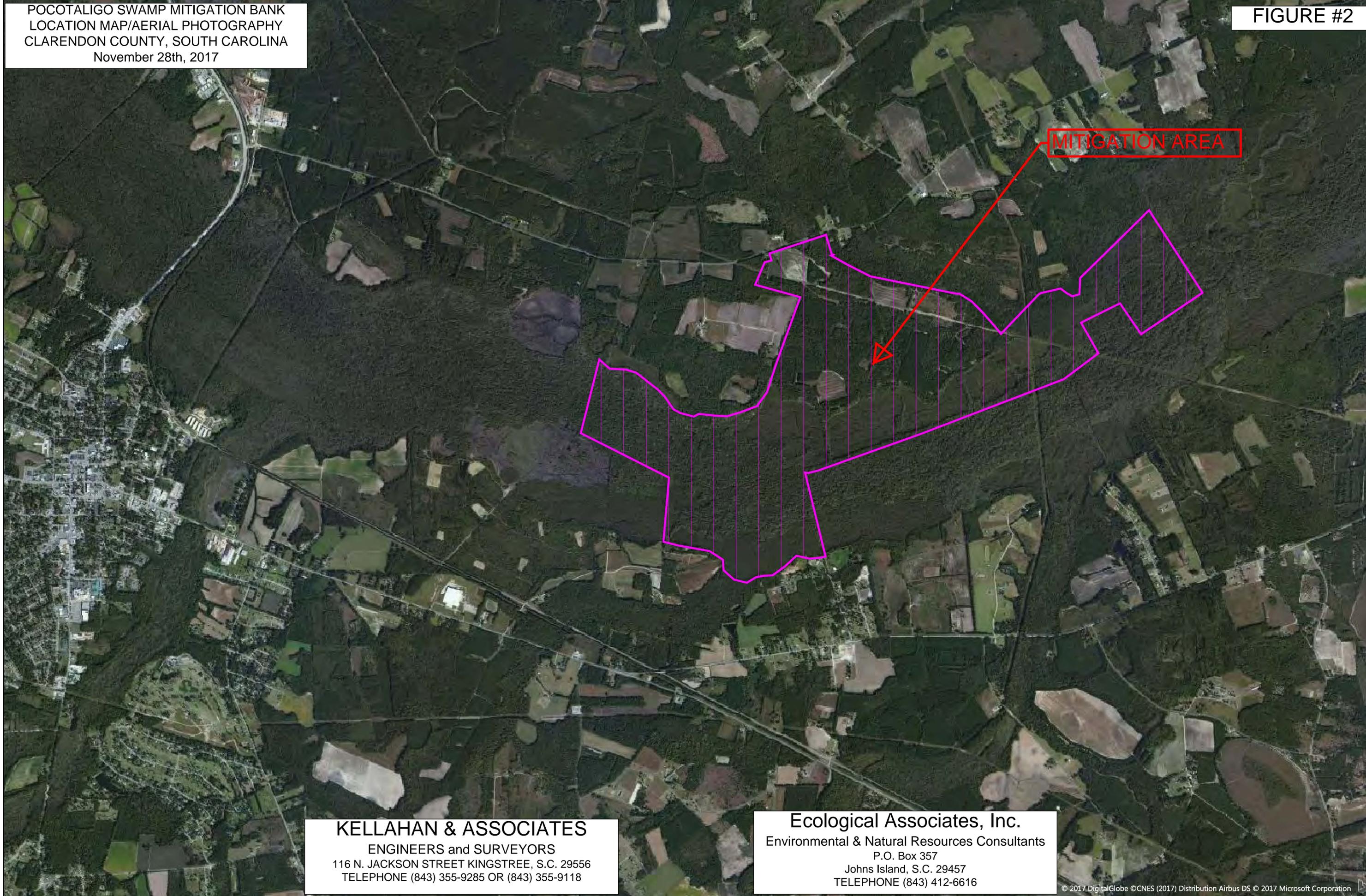
POCOTALIGO SWAMP MITIGATION BANK
VICINITY MAP
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

MITIGATION AREA

KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616





KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

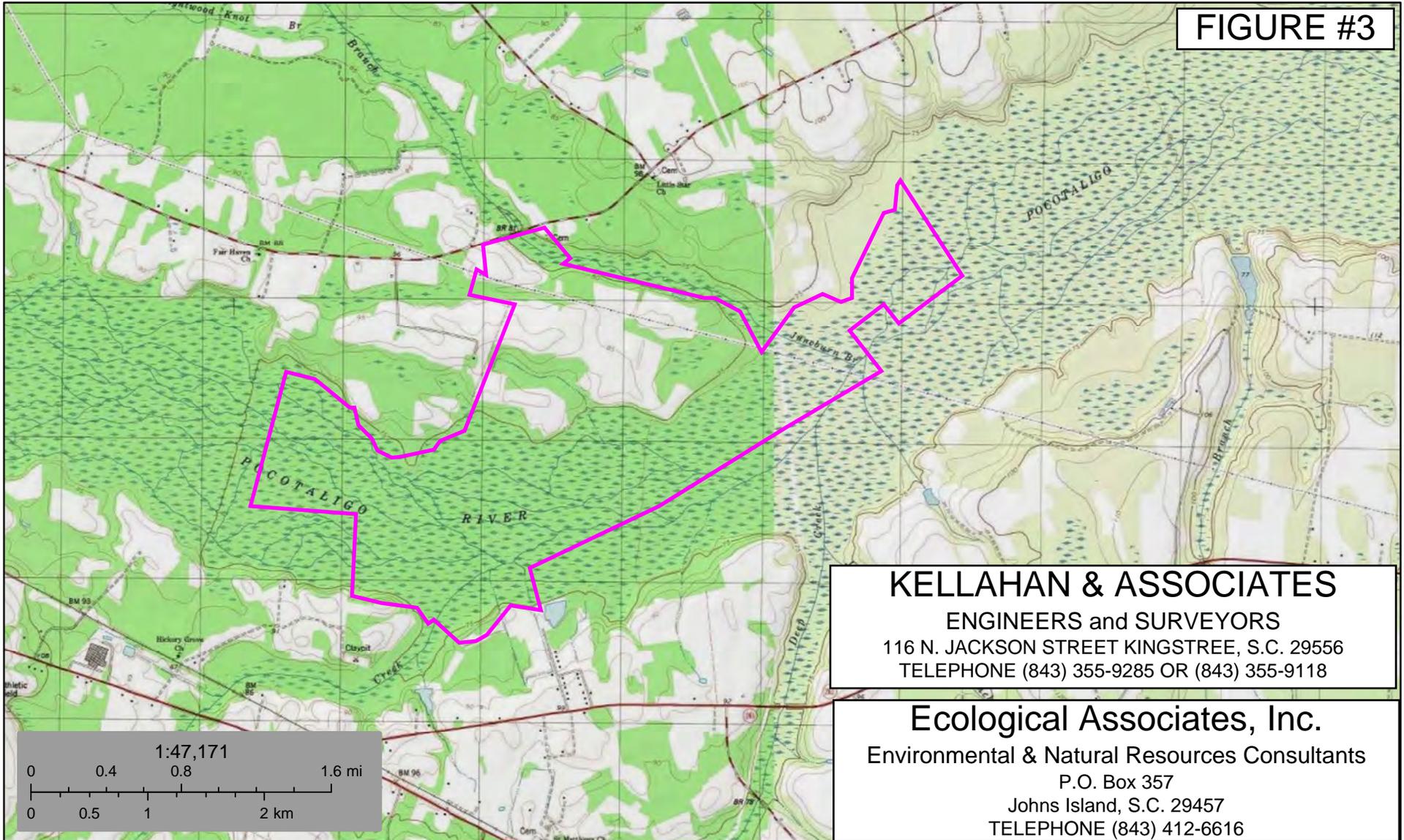


U.S. Fish and Wildlife Service

National Wetlands Inventory

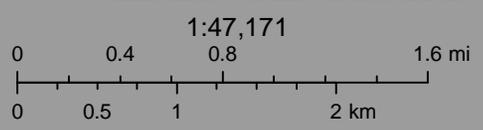
POCOTALIGO SWAMP MITIGATION BANK
TOPOGRAPHIC MAP (MANNING QUAD)
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

FIGURE #3



KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

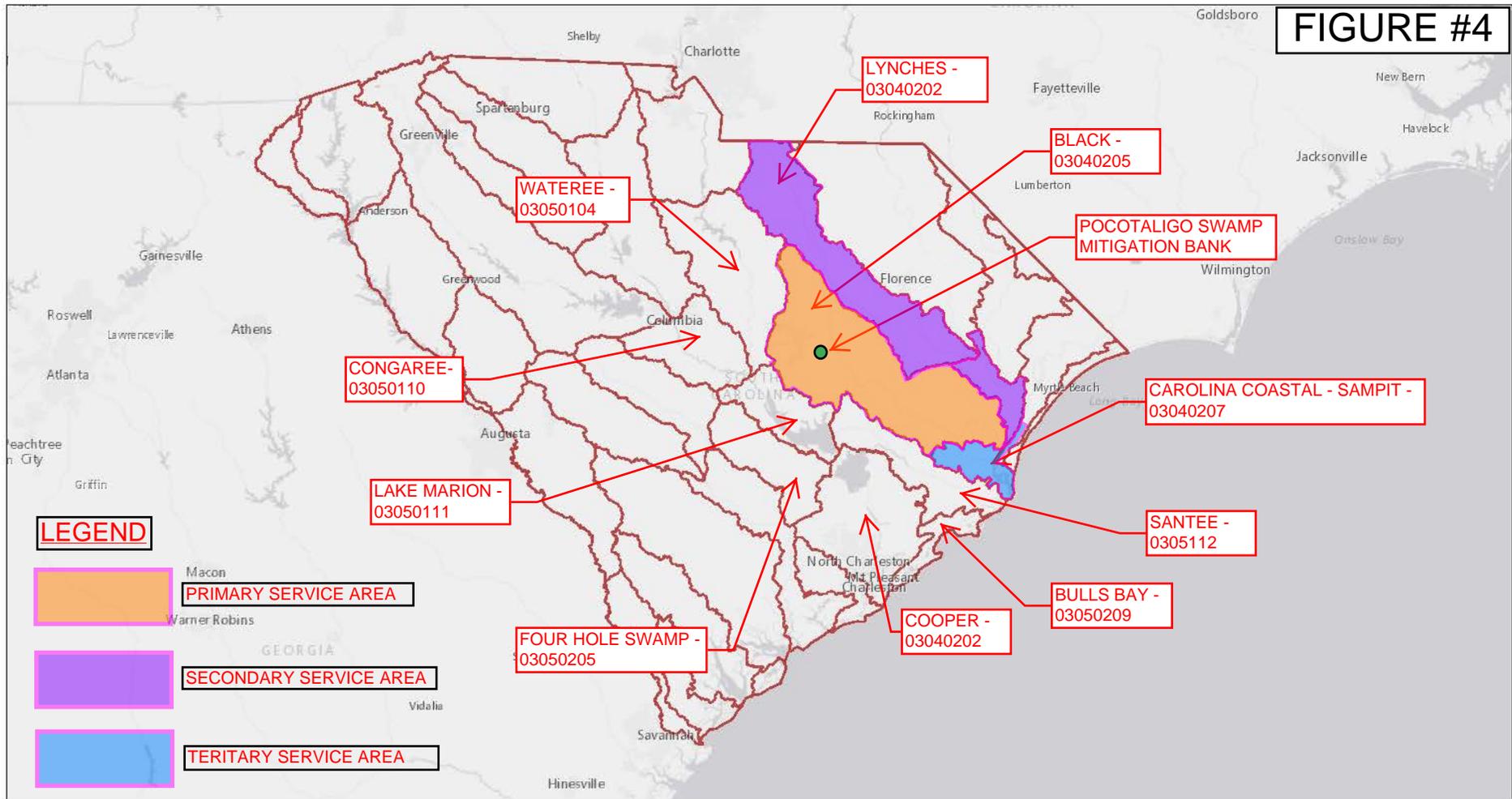


April 4, 2017

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

POCOTALIGO SWAMP MITIGATION BANK
WATERSHEDS MAP
CLARENDON COUNTY, SOUTH CAROLINA
December 4th, 2017

FIGURE #4



December 4, 2017

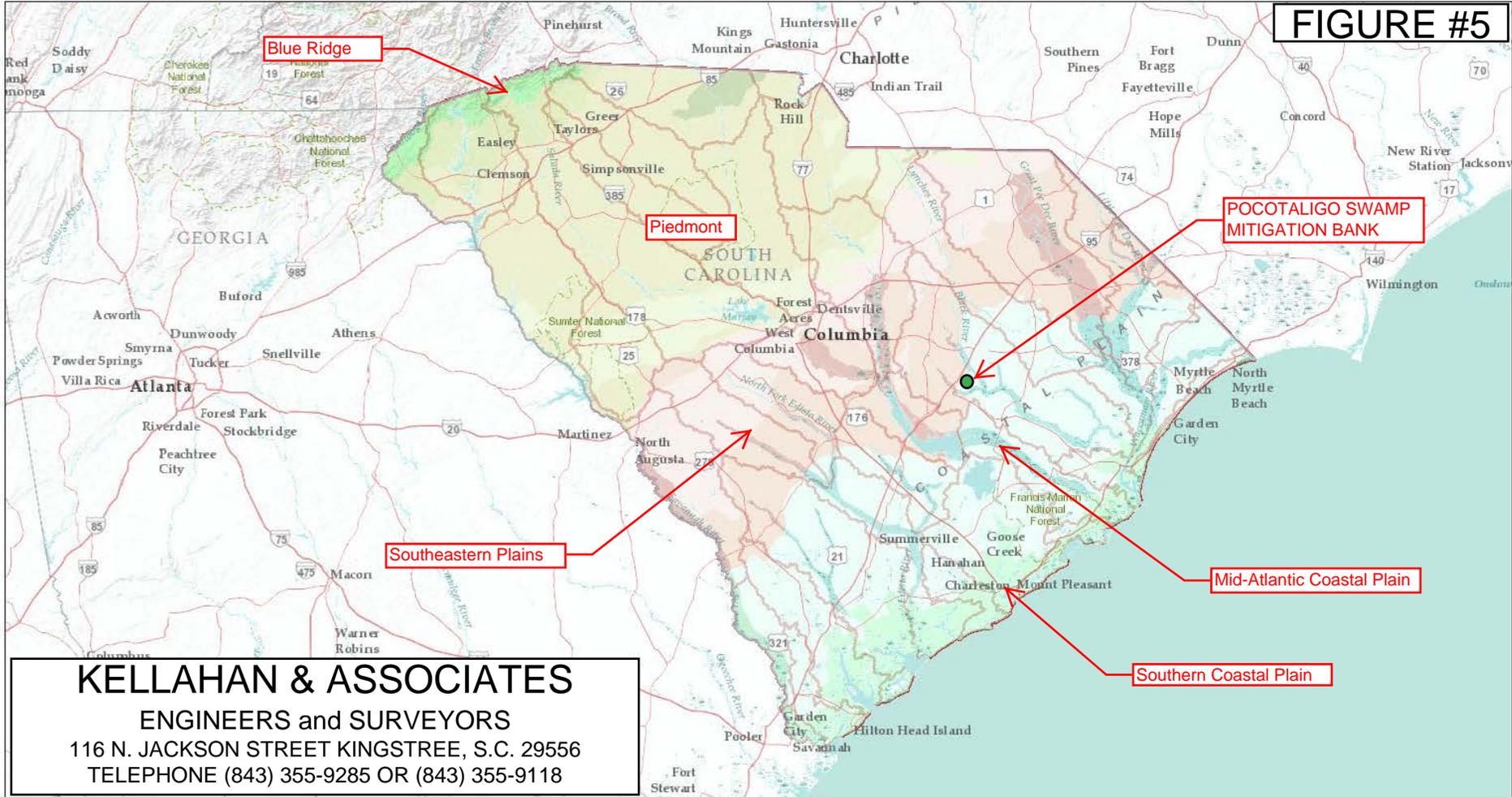
8-Digit Watersheds

Ecological Associates, Inc.
 Environmental & Natural Resources Consultants
 P.O. Box 357
 Johns Island, S.C. 29457
 TELEPHONE (843) 412-6616

KELLAHAN & ASSOCIATES
 ENGINEERS and SURVEYORS
 116 N. JACKSON STREET
 KINGSTREE, S.C. 29556
 TELEPHONE (843) 355-9285 OR (843) 355-9118

OpenStreetMap contributors.
 Kellahan
 Bureau of Water, SC DHEC

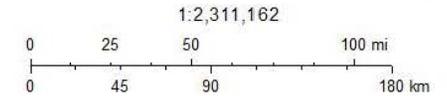
**POCOTALIGO SWAMP MITIGATION BANK
ECOREGIONS MAP
CLARENDON COUNTY, SOUTH CAROLINA
December 4th, 2017**



December 4, 2017

Ecoregions

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 45a Southern Inner Piedmont 45b Southern Outer Piedmont 45c Carolina Slate Belt 45g Triassic Basins 45i Kings Mountain | <ul style="list-style-type: none"> 63g Carolinian Barrier Islands and Coastal Marshes 63h Carolina Flatwoods 63n Mid-Atlantic Floodplains and Low Terraces 65c Sand Hills 65l Atlantic Southern Loam Plains 65p Southeastern Floodplains and Low Terraces | <ul style="list-style-type: none"> 66d Southern Crystalline Ridges and Mountains 75i Floodplains and Low Terraces 75j Sea Islands/Coastal Marsh 8-Digit Watersheds |
|--|---|--|



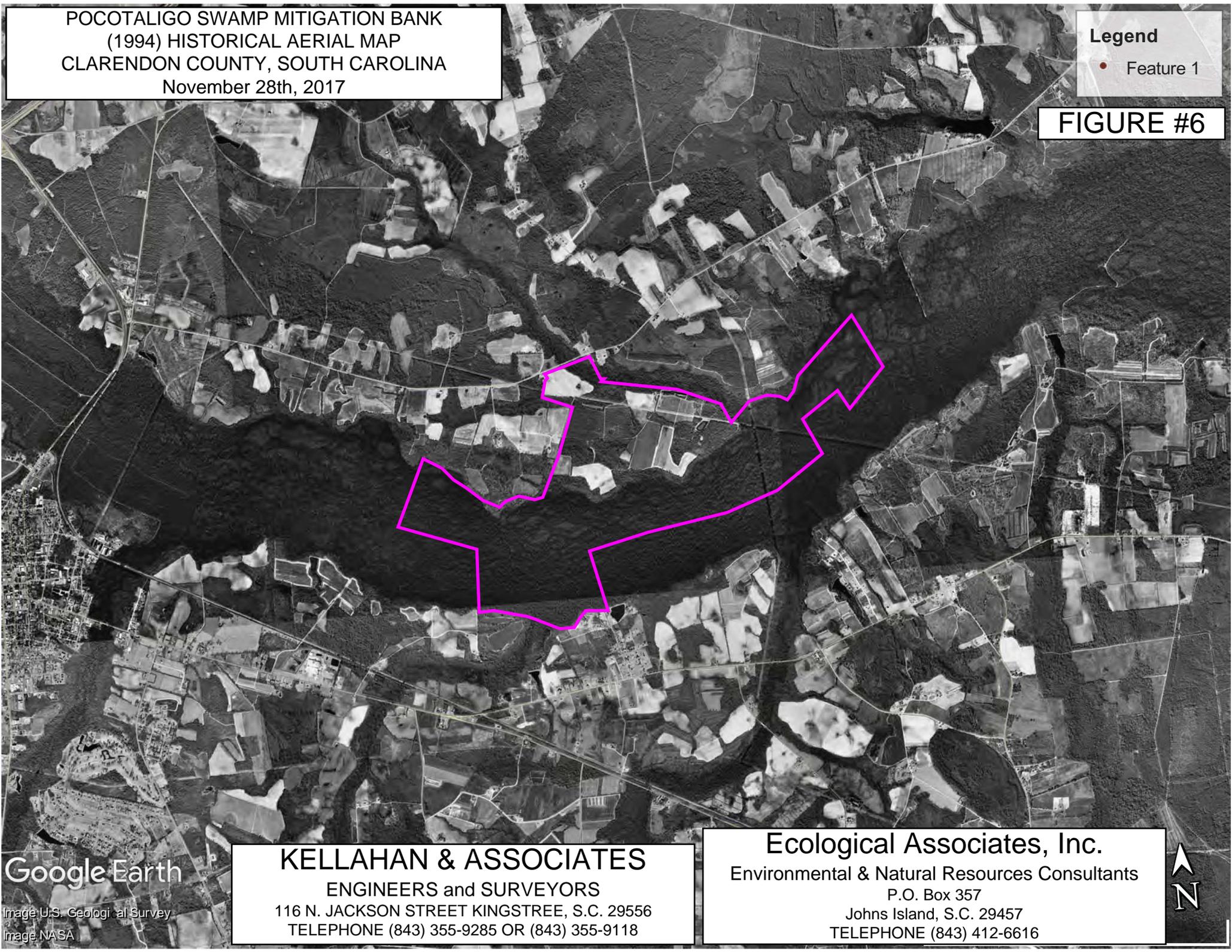
Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

POCOTALIGO SWAMP MITIGATION BANK
(1994) HISTORICAL AERIAL MAP
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

Legend

• Feature 1

FIGURE #6



Google Earth

Image U.S. Geological Survey
Image NASA

KELLAHAN & ASSOCIATES

ENGINEERS and SURVEYORS

116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.

Environmental & Natural Resources Consultants

P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616



POCOTALIGO SWAMP MITIGATION BANK
(2006) HISTORICAL AERIAL MAP
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

Legend

• Feature 1

FIGURE #7



Google Earth

Image USDA Farm Service Agency

KELLAHAN & ASSOCIATES

ENGINEERS and SURVEYORS

116 N. JACKSON STREET KINGSTREE, S.C. 29556

TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.

Environmental & Natural Resources Consultants

P.O. Box 357

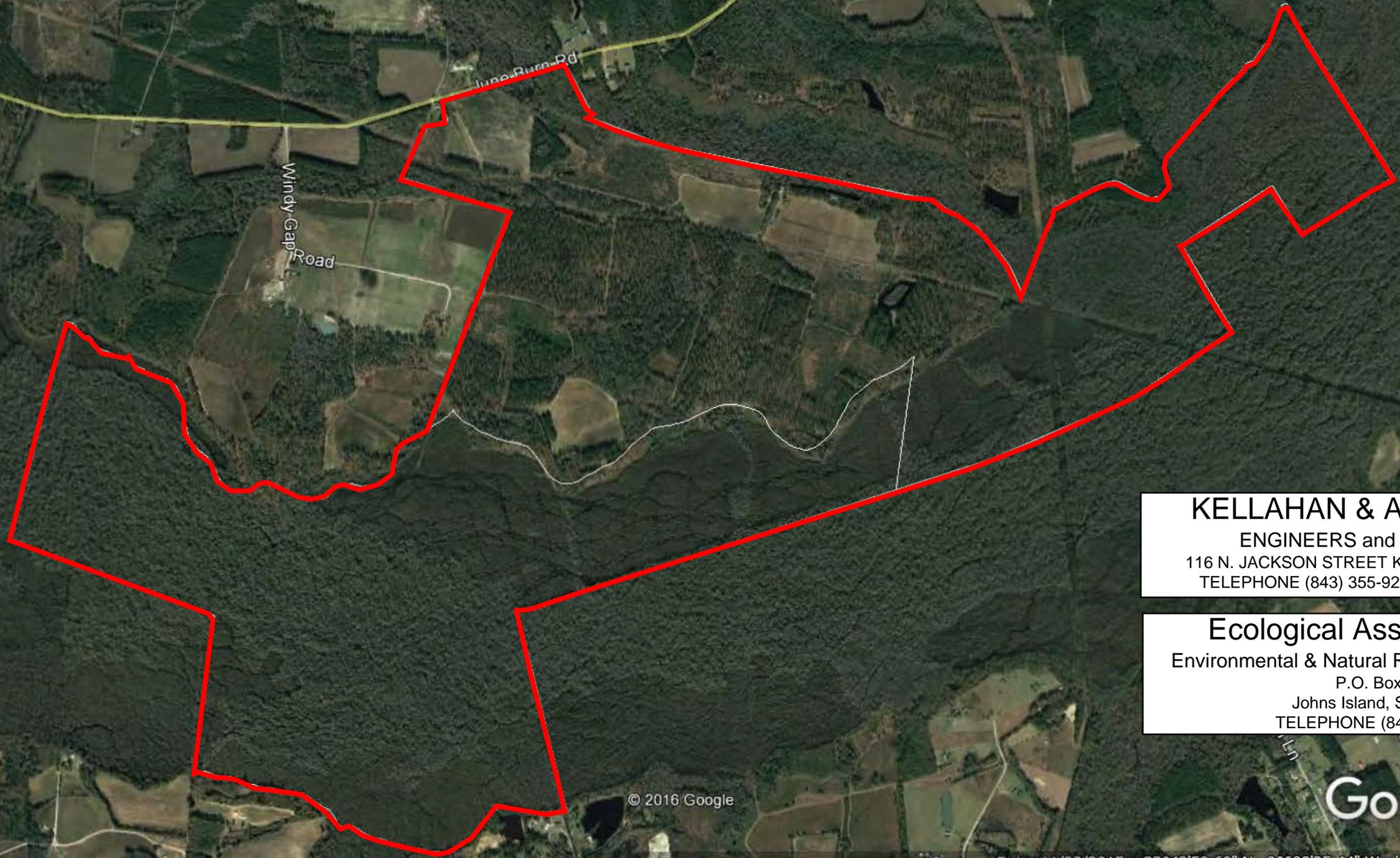
Johns Island, S.C. 29457

TELEPHONE (843) 412-6616



POCOTALIGO SWAMP MITIGATION BANK
AERIAL PROPOERTY MAP
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

FIGURE #8



KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

© 2016 Google

Google Earth

POCOTALIGO SWAMP MITIGATION BANK
 APPROXIMATE WETLAND/WATERS MAP
 CLARENDON COUNTY, SOUTH CAROLINA
 December 15th, 2017

Figure 9

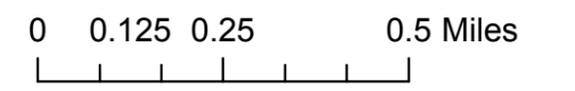
Pocotaligo Swamp Mitigation Bank
 Deer Haven LLC
 Clarendon County
 South Carolina

Pocotaligo Swamp Mitigation Bank
 Approximate Wetland /
 Waters Map

Legend

- Property Boundary -1,335 ac
- pRPW - 18,092 lf
- Braided Stream - 34,125 lf
- pRPW Ditches - 8,704 lf
- sRPW - 6,853 lf
- Connecting Ditches -3,237 lf
- Pocotaligo Swamp - 834 ac
- Juneburn Swamp - 32 ac
- Wetland A - 28 ac
- Wetland B - 26 ac
- Wetland C - 23 ac
- Isolated Wetland Depressions - 5.06 ac

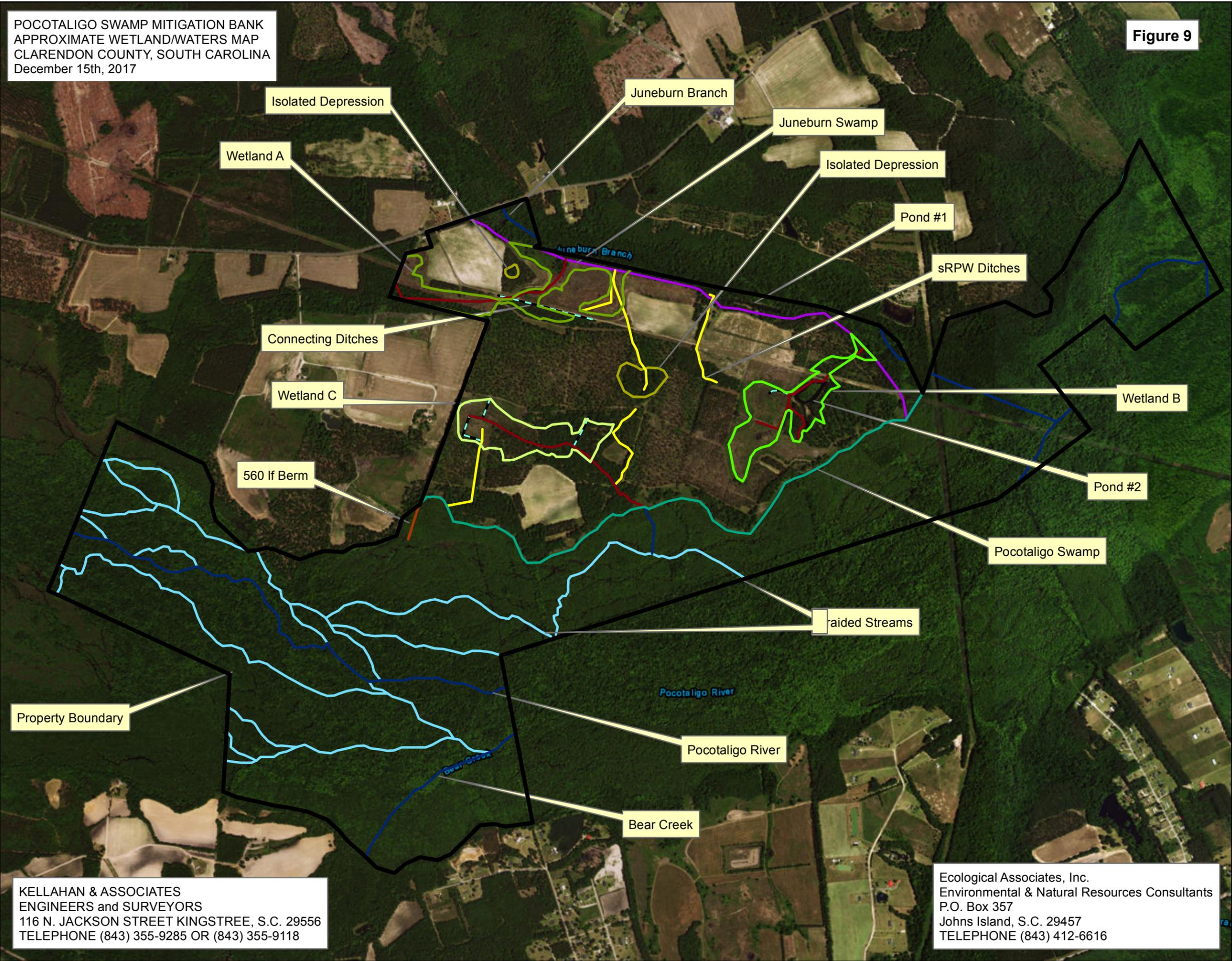
Ecological Associates, Inc
 PO Box 357
 Johns Island, S.C. 29457
 (843) 412-6616
 ecologynr@gmail.com



Date: 12/20/2017

KELLAHAN & ASSOCIATES
 ENGINEERS and SURVEYORS
 116 N. JACKSON STREET KINGSTREE, S.C. 29556
 TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
 Environmental & Natural Resources Consultants
 P.O. Box 357
 Johns Island, S.C. 29457
 TELEPHONE (843) 412-6616



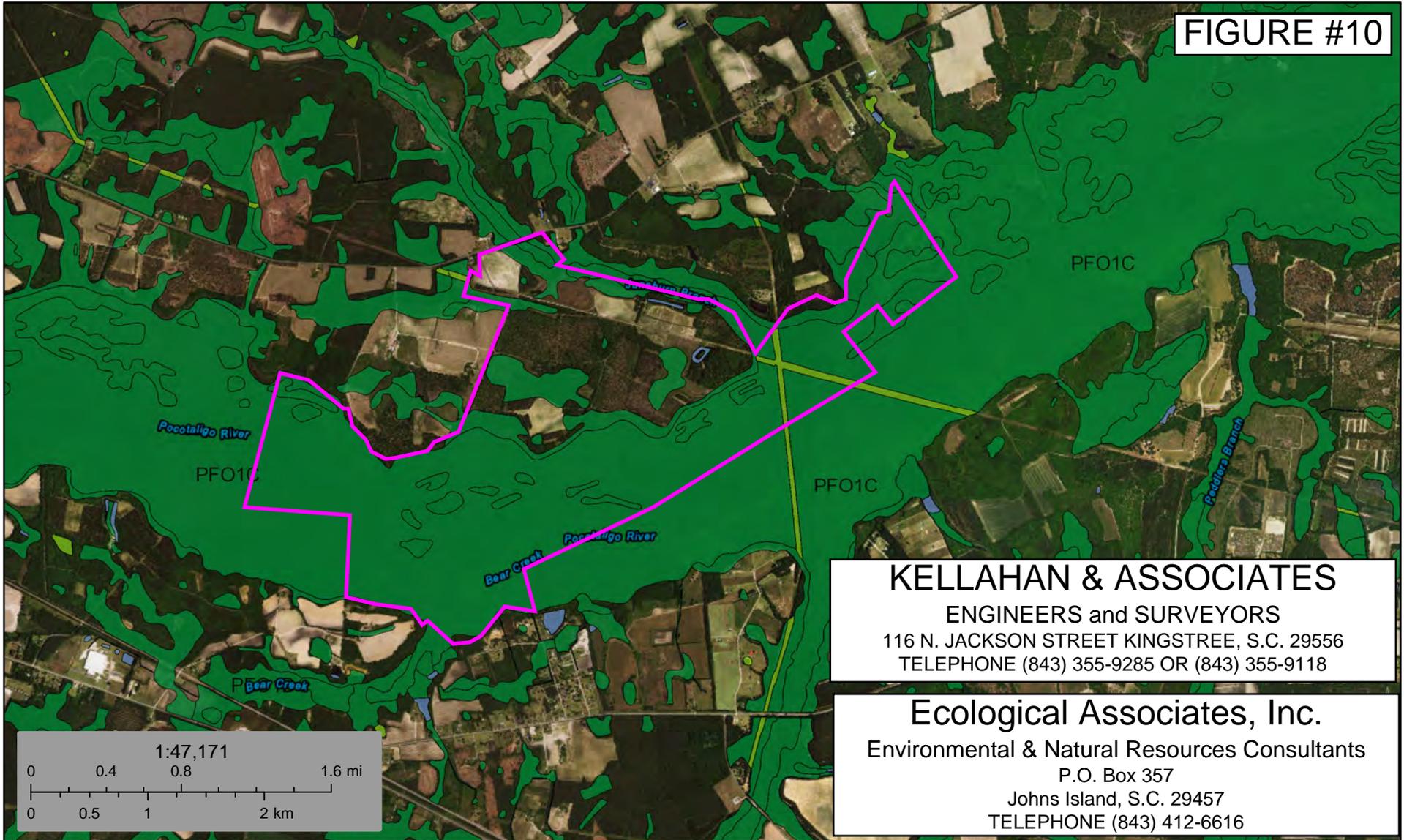


U.S. Fish and Wildlife Service

National Wetlands Inventory

POCOTALIGO SWAMP MITIGATION BANK
WETLANDS MAP
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

FIGURE #10



KELLAHAN & ASSOCIATES

ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.

Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

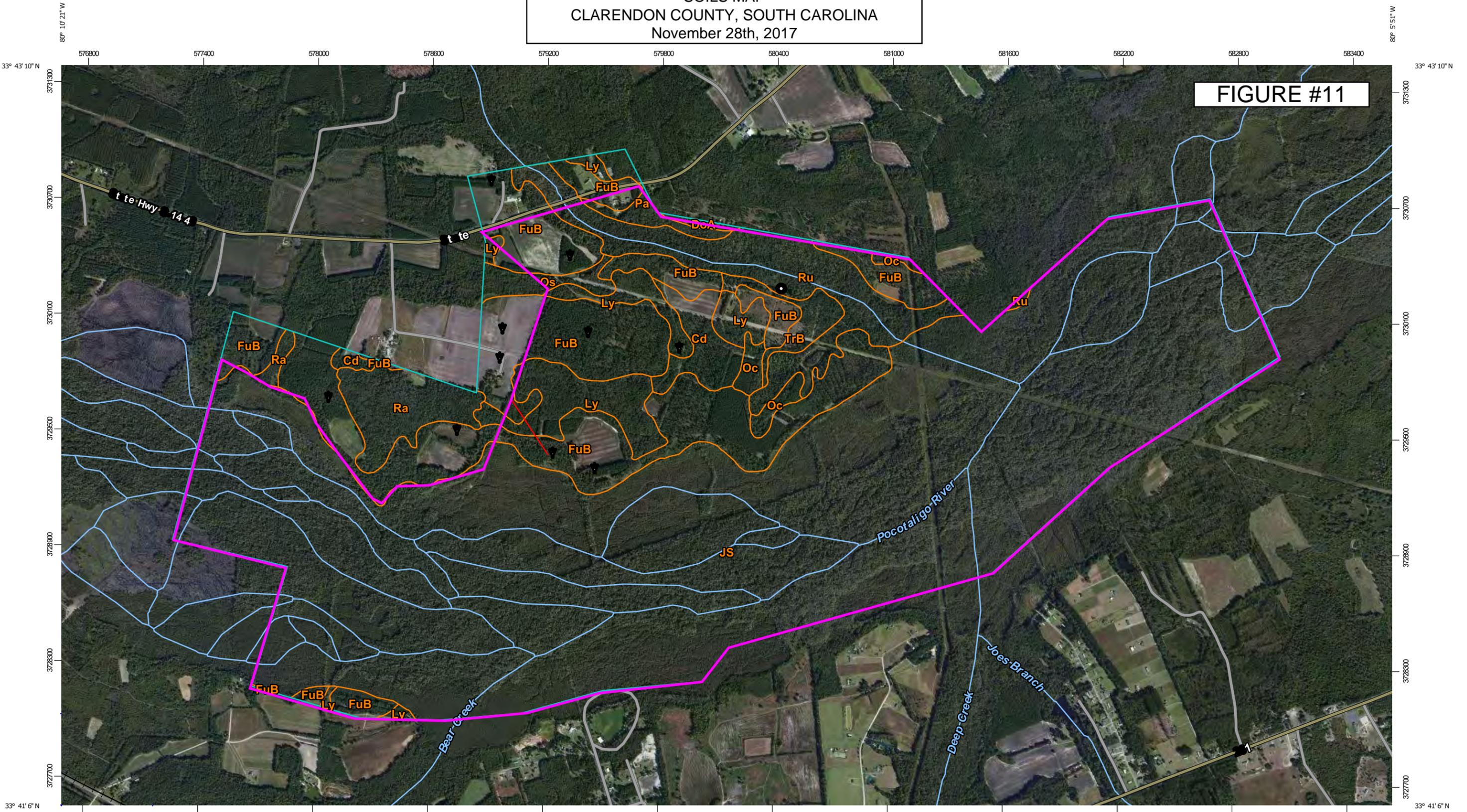
April 4, 2017

- | | | |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Forested/Shrub Wetland | Other |
| Estuarine and Marine Wetland | Freshwater Pond | Riverine |
| Freshwater Emergent Wetland | Lake | |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

POCOTALIGO SWAMP MITIGATION BANK
SOILS MAP
CLARENDON COUNTY, SOUTH CAROLINA
November 28th, 2017

FIGURE #11



Map Scale: 1:18,700 if printed on B landscape (17" x 11") sheet.
 0 250 500 1000 1500 Meters
 0 500 1000 2000 3000 Feet
 Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

KELLAHAN & ASSOCIATES
 ENGINEERS and SURVEYORS
 116 N. JACKSON STREET KINGSTREE, S.C. 29556
 TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
 Environmental & Natural Resources Consultants
 P.O. Box 357
 Johns Island, S.C. 29457
 TELEPHONE (843) 412-6616

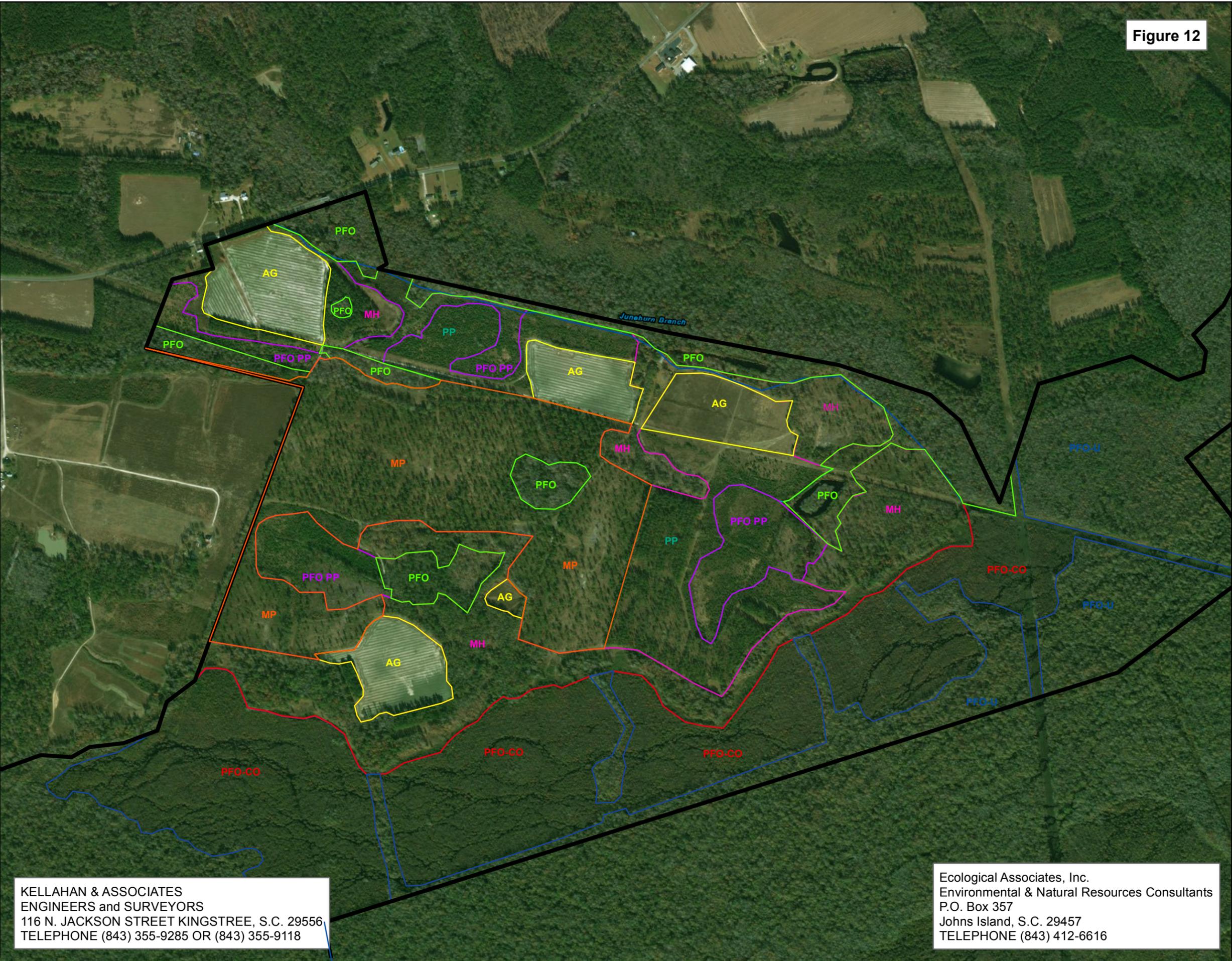
Web Soil Survey
 National Cooperative Soil Survey



Figure 12

Pocotaligo Swamp Mitigation Bank
Deer Haven LLC
Clarendon County
South Carolina

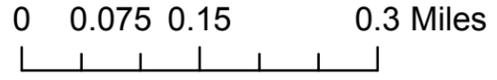
Pocotaligo Swamp Mitigation Bank
Habitats Map



Legend

- Property Boundary - 1,335 ac
- Forested Wetlands (PFO) - 65.77 ac
- Uncut Swampland (PFO-U) - 519.16 ac
- Cutover Swampland (PFO-CO) - 309.50 ac
- Forested Pine Wetlands (PFO-PP) - 50.26 ac
- Agricultural Fields (AG) - 61.81 ac
- Mixed Hardwood (MH) - 119.59 ac
- Young Planted Pine (PP) - 81.00 ac
- Mature Pine (MP) - 127.91 ac

Ecological Associates, Inc
PO Box 357
Johns Island, S.C. 29457
(843) 412-6616
ecologynr@gmail.com



Date: 2/14/2018

KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

Figure 13

Pocotaligo Swamp Mitigation Bank
Deer Haven LLC
Clarendon County
South Carolina

Pocotaligo Swamp Mitigation Bank
Baseline Sampling Map

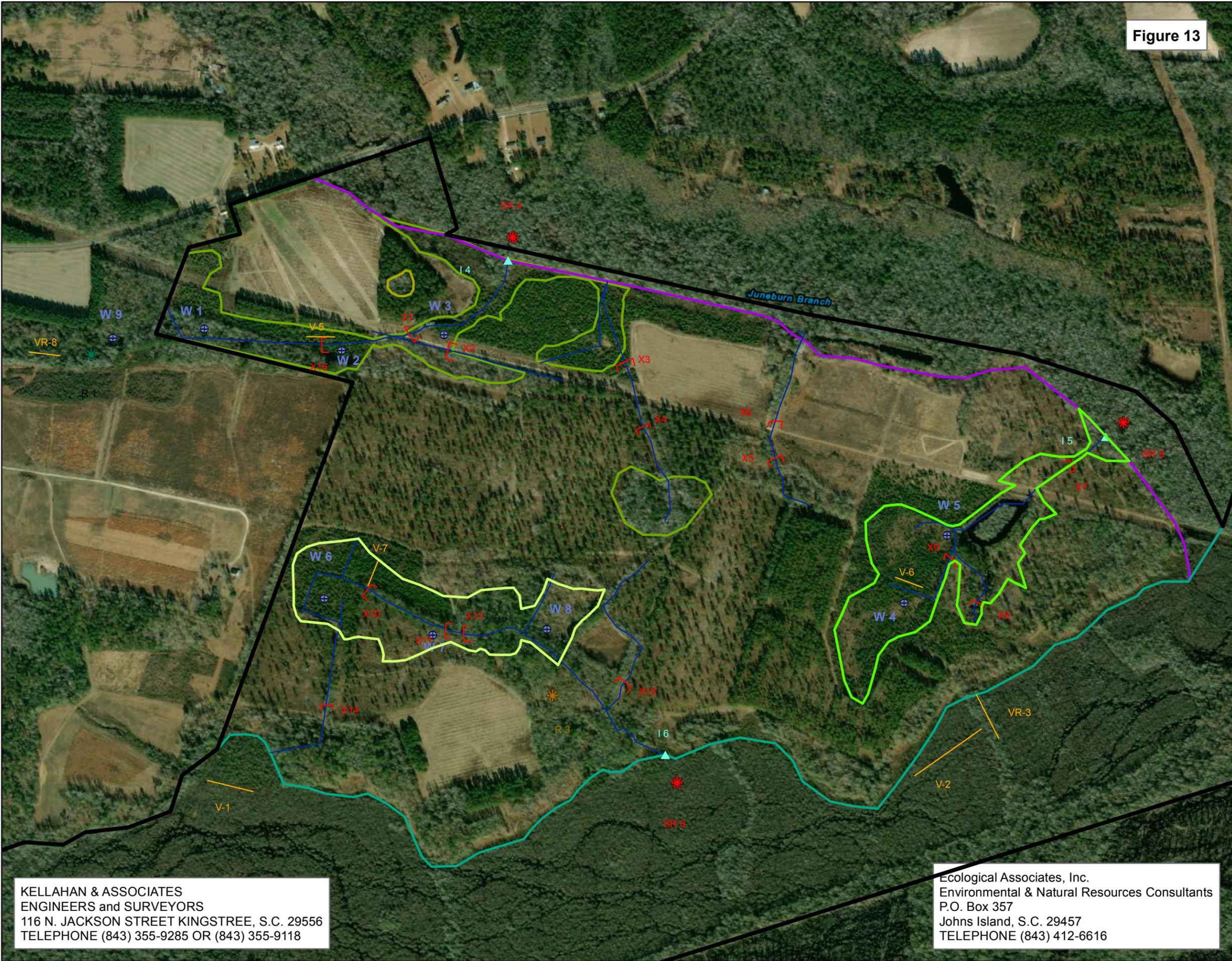
Legend

-  Property Boundary - 1,335 ac
-  Monitoring Well - W 1-7
-  Invert./Water Quality Sampling - I 4-6
-  Ref. Forested Wetlands - R 1-2
-  Ref. Upland Hardwoods - R 3
-  Ref. Small Stream Corridor - R 4-6
-  Vegetation Transect - V 1-8
-  X-section - X 1-15
-  Ditches - 18,794 lf
-  Pocotaligo Swamp - 834 ac
-  Juneburn Swamp - 32 ac
-  Wetland A - 28 ac
-  Wetland B - 26 ac
-  Wetland C - 23 ac
-  Isolated Wetland Depressions - 5.06 ac

Ecological Associates, Inc
PO Box 357
Johns Island, S.C. 29457
(843) 412-6616
ecologynr@gmail.com



Date: 7/13/2018



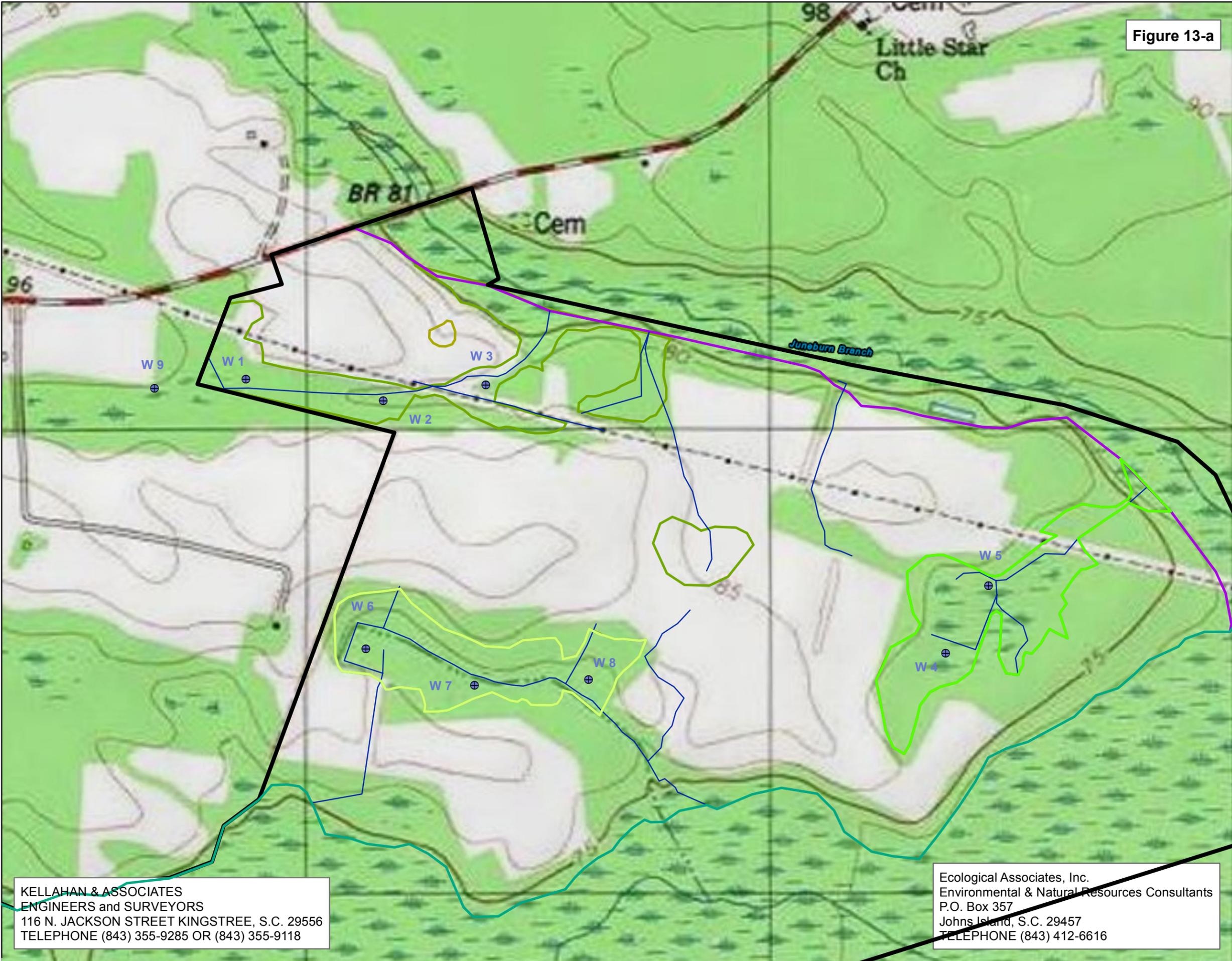
KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

Figure 13-a

Pocotaligo Swamp Mitigation Bank
Deer Haven LLC
Clarendon County
South Carolina

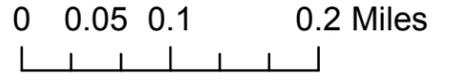
Pocotaligo Swamp Mitigation Bank
Baseline Sampling Map



Legend

- Property Boundary - 1,335 ac
- Monitoring Well - W 1-7
- Ditches - 18,794 lf
- Pocotaligo Swamp - 834 ac
- Juneburn Swamp - 32 ac
- Wetland A - 28 ac
- Wetland B - 26 ac
- Wetland C - 23 ac
- Isolated Wetland Depressions - 5.06 ac

Ecological Associates, Inc
PO Box 357
Johns Island, S.C. 29457
(843) 412-6616
ecologynr@gmail.com

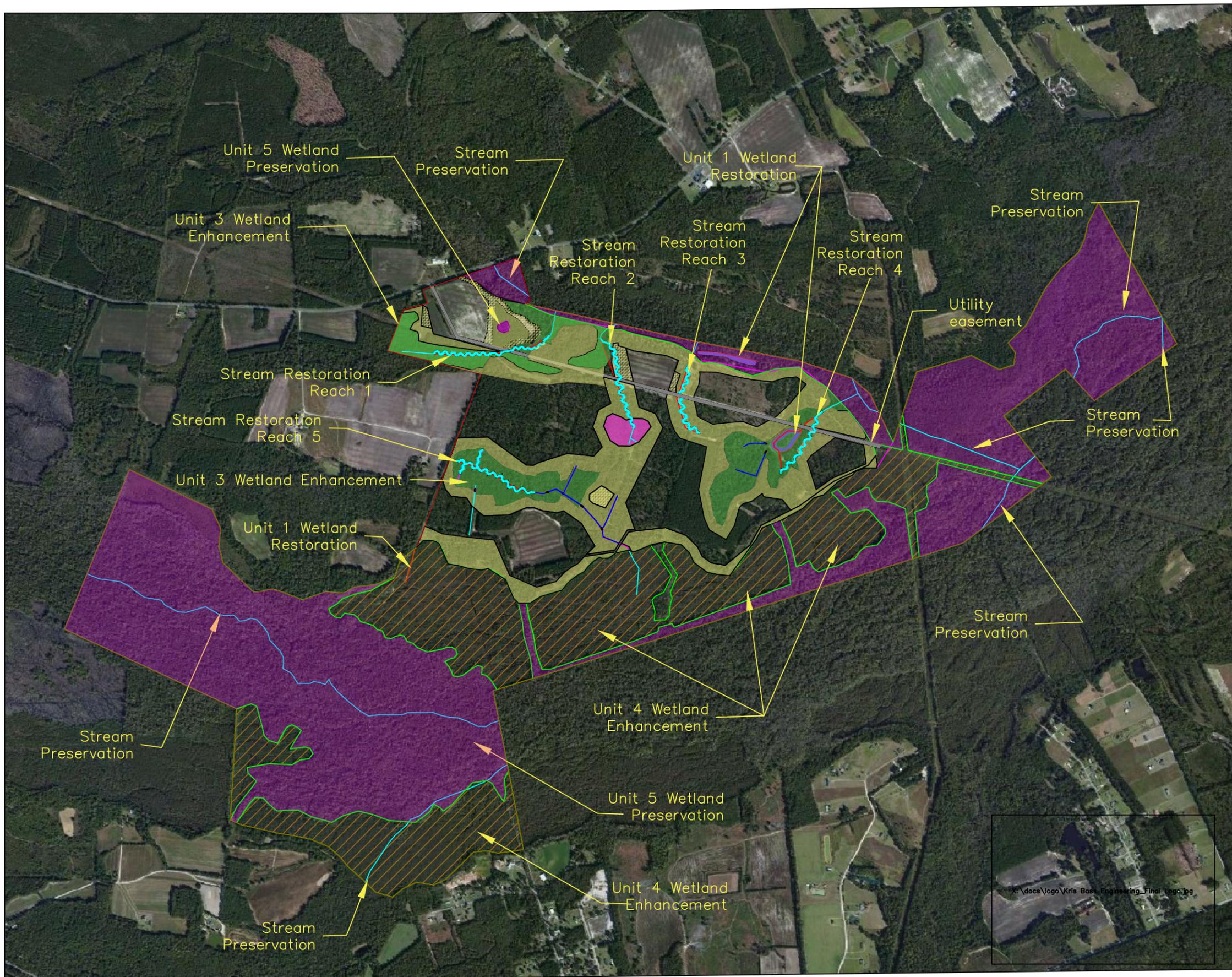


Date: 7/13/2018

KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

Pocotaligo Swamp Mitigation Bank
 Stream and Wetland Restoration
 Concept Plan Overview



Legend

- Property Boundary
- Stream Mitigation
- Channelized Streams
- Stream Preservation: 21,361ft
- Stream Restoration: 8,635ft
- Stream Enhancement: 3,260ft
- Wetland Mitigation
- Unit 1 - Wetland Restoration: 2ac
- Unit 2 - Wetland Enhancement: 3ac
- Unit 3 - Wetland Enhancement: 73ac
- Unit 4 - Wetland Enhancement: 309ac
- Unit 5 - Wetland Preservation: 554ac
- Unit 6 - Enhanced Upland Buffer: 8 acres
- Unit 7 - Upland Buffer: 177 acres

Ecological Associates
 Environmental & Natural Resources Consultants
 PO Box 357
 Johns Island, SC 29457
 Phone: 843.412.6616

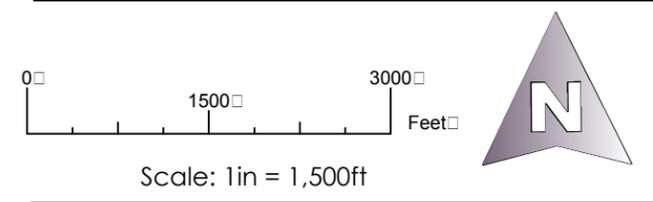
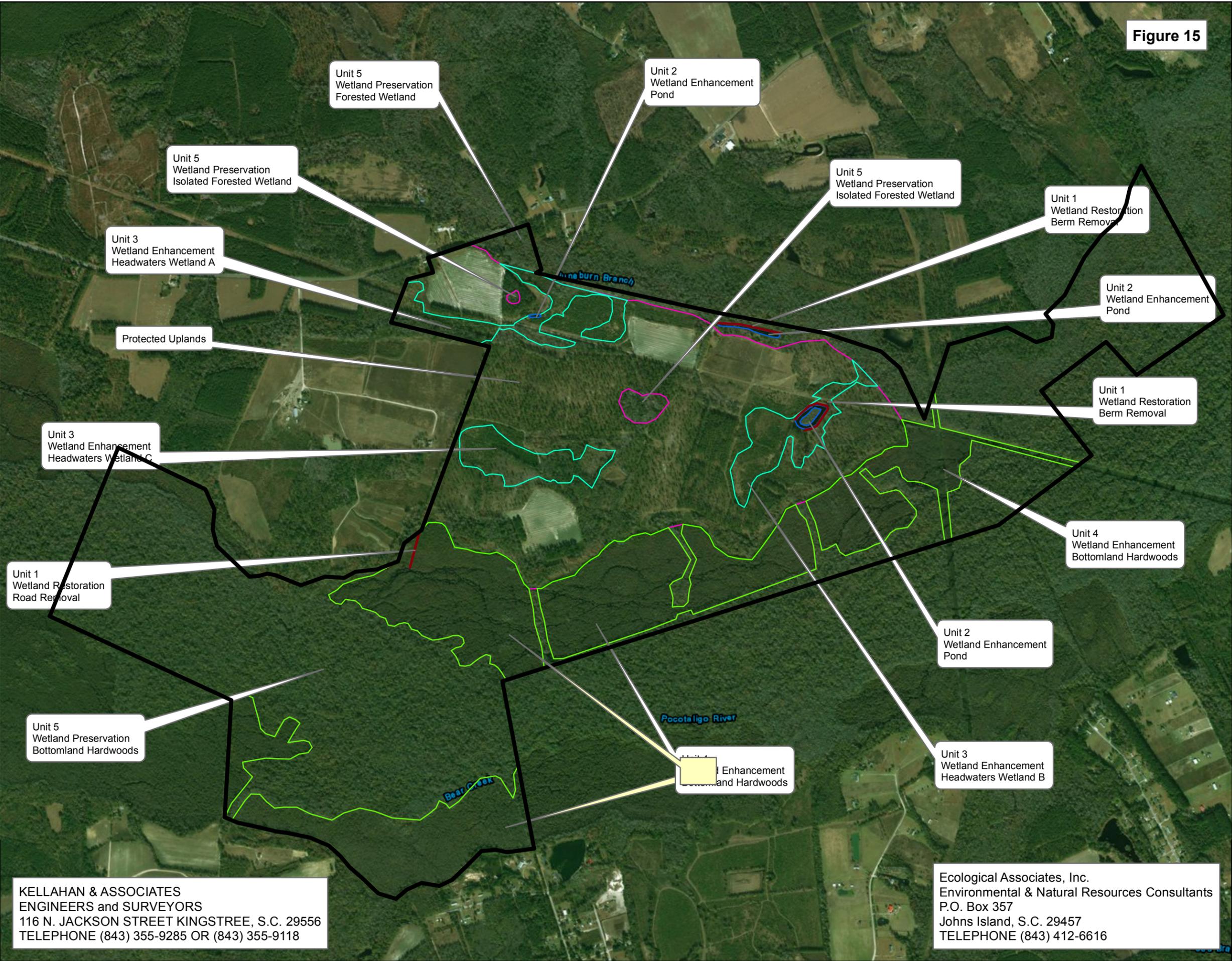


Figure 15

Pocotaligo Swamp Mitigation Bank
Deer Haven LLC
Clarendon County
South Carolina

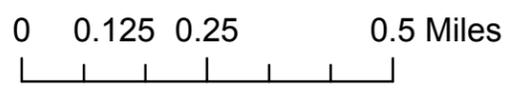
Pocotaligo Swamp Mitigation Bank
Wetland Mitigation Map



Legend

- Property Boundary -1,335 ac
- Unit 1 - Wetland Restoration - 2 ac
- Unit 2 - Wetland Enhancement - 3 ac
- Unit 3 - Wetland Enhancement - 73 acres
- Unit 4 - Wetland Enhancement - 309 ac
- Unit 5 - Wetland Preservation - 554.3 ac
- Unit 6 - Enhanced Upland Buffer
- Unit 7 - Upland Buffer
- Protected Uplands

Ecological Associates, Inc
PO Box 357
Johns Island, S.C. 29457
(843) 412-6616
ecologynr@gmail.com

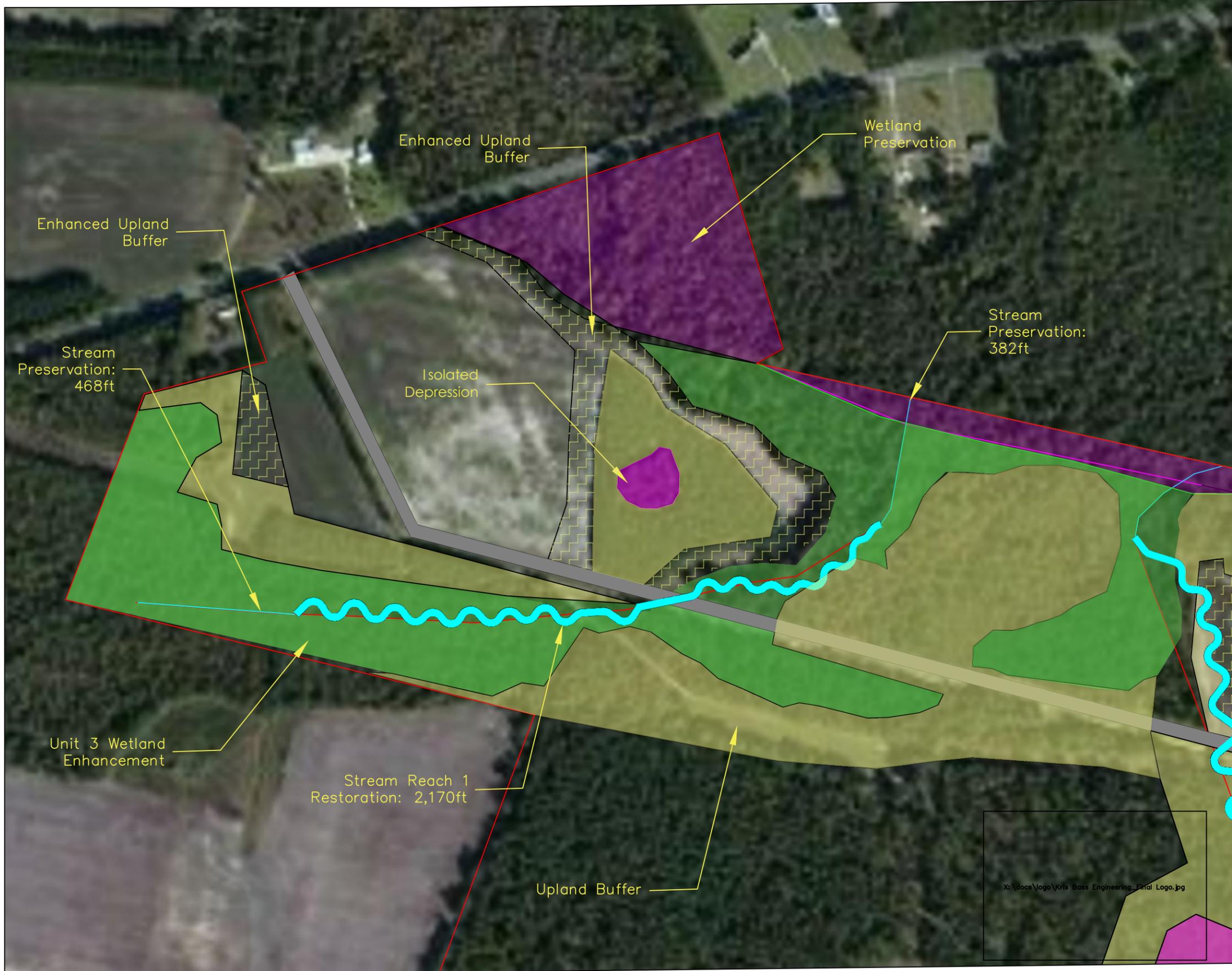


Date: 2/23/2018

KELLAHAN & ASSOCIATES
ENGINEERS and SURVEYORS
116 N. JACKSON STREET KINGSTREE, S.C. 29556
TELEPHONE (843) 355-9285 OR (843) 355-9118

Ecological Associates, Inc.
Environmental & Natural Resources Consultants
P.O. Box 357
Johns Island, S.C. 29457
TELEPHONE (843) 412-6616

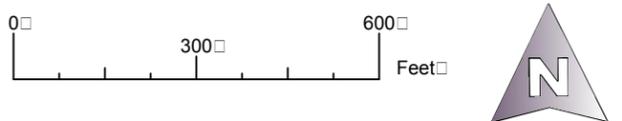
Pocotaligo Swamp Mitigation Bank
 Stream Reach 1 Restoration
 Concept Plan Overview



Legend

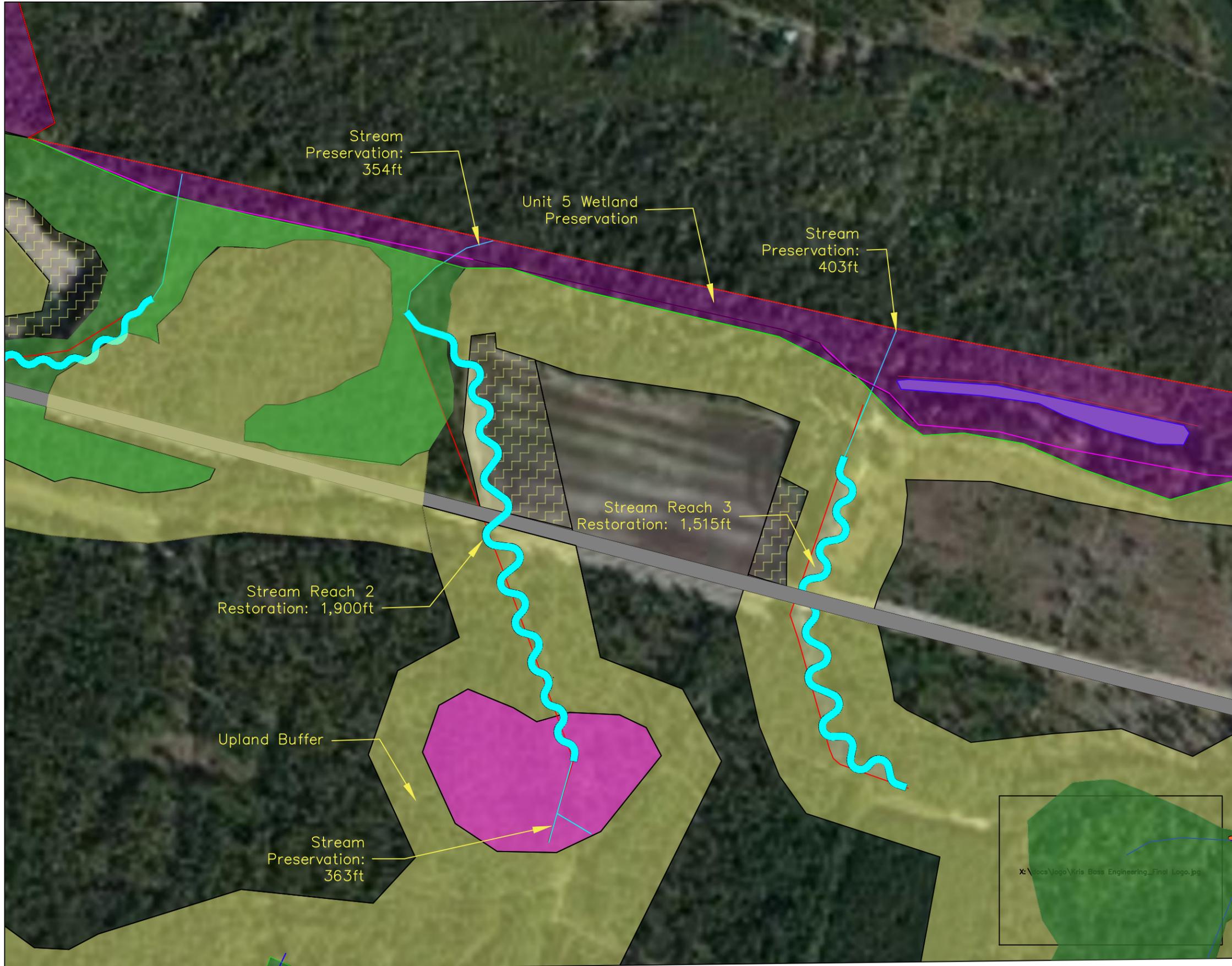
- Property Boundary
- Stream Mitigation
- Channelized Streams
- Stream Preservation: 21,361ft
- Stream Restoration: 8,635ft
- Stream Enhancement: 3,260ft
- Wetland Mitigation
- Unit 1 - Wetland Restoration: 2ac
- Unit 2 - Wetland Enhancement: 3ac
- Unit 3 - Wetland Enhancement: 73ac
- Unit 4 - Wetland Enhancement: 309ac
- Unit 5 - Wetland Preservation: 554ac
- Unit 6 - Enhanced Upland Buffer: 8 acres
- Unit 7 - Upland Buffer: 177 acres

Ecological Associates
 Environmental & Natural Resources Consultants
 PO Box 357
 Johns Island, SC 29457
 Phone: 843.412.6616



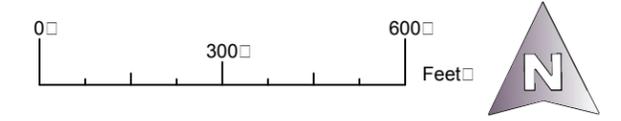
Pocotaligo Swamp Mitigation Bank
 Deer Haven LLC
 Clarendon County
 South Carolina

Pocotaligo Swamp Mitigation Bank
 Stream Reaches 2 and 3 Restoration
 Concept Plan Overview



- Legend**
- Property Boundary
 - Stream Mitigation
 - Channelized Streams
 - Stream Preservation: 21,361ft
 - Stream Restoration: 8,635ft
 - Stream Enhancement: 3,260ft
 - Wetland Mitigation**
 - Unit 1 - Wetland Restoration: 2ac
 - Unit 2 - Wetland Enhancement: 3ac
 - Unit 3 - Wetland Enhancement: 73ac
 - Unit 4 - Wetland Enhancement: 309ac
 - Unit 5 - Wetland Preservation: 554ac
 - Unit 6 - Enhanced Upland Buffer: 8 acres
 - Unit 7 - Upland Buffer: 177 acres

Ecological Associates
 Environmental & Natural Resources Consultants
 PO Box 357
 Johns Island, SC 29457
 Phone: 843.412.6616



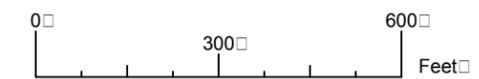
Scale: 1in = 300ft

Pocotaligo Swamp Mitigation Bank
 Stream and Wetland Restoration
 Concept Plan Overview

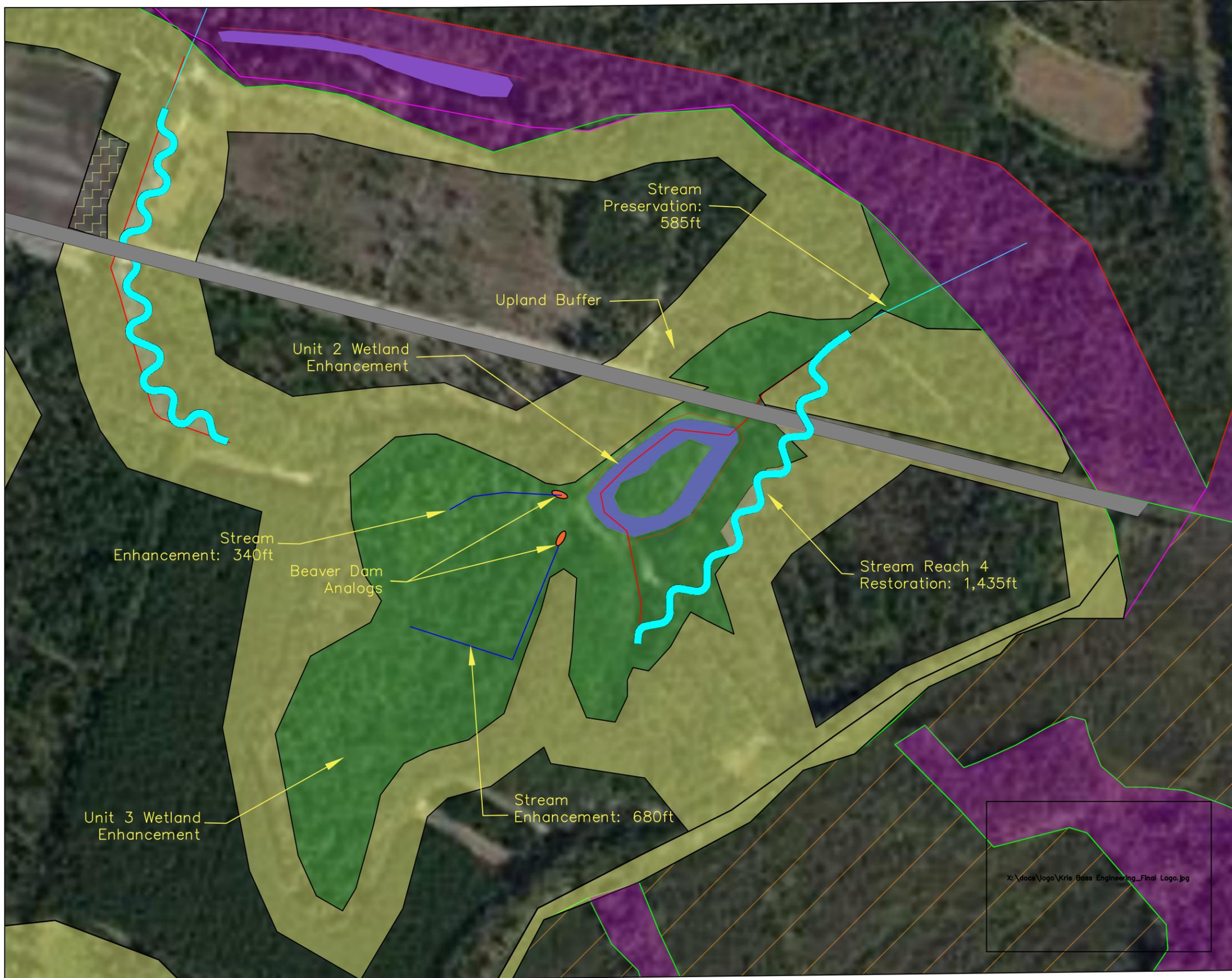
Legend

- Property Boundary
- Stream Mitigation
- Channelized Streams
- Stream Preservation: 21,361ft
- Stream Restoration: 8,635ft
- Stream Enhancement: 3,260ft
- Wetland Mitigation
- Unit 1 - Wetland Restoration: 2ac
- Unit 2 - Wetland Enhancement: 3ac
- Unit 3 - Wetland Enhancement: 73ac
- Unit 4 - Wetland Enhancement: 309ac
- Unit 5 - Wetland Preservation: 554ac
- Unit 6 - Enhanced Upland Buffer: 8 acres
- Unit 7 - Upland Buffer: 177 acres

Ecological Associates
 Environmental & Natural Resources Consultants
 PO Box 357
 Johns Island, SC 29457
 Phone: 843.412.6616



Scale: 1in = 300ft



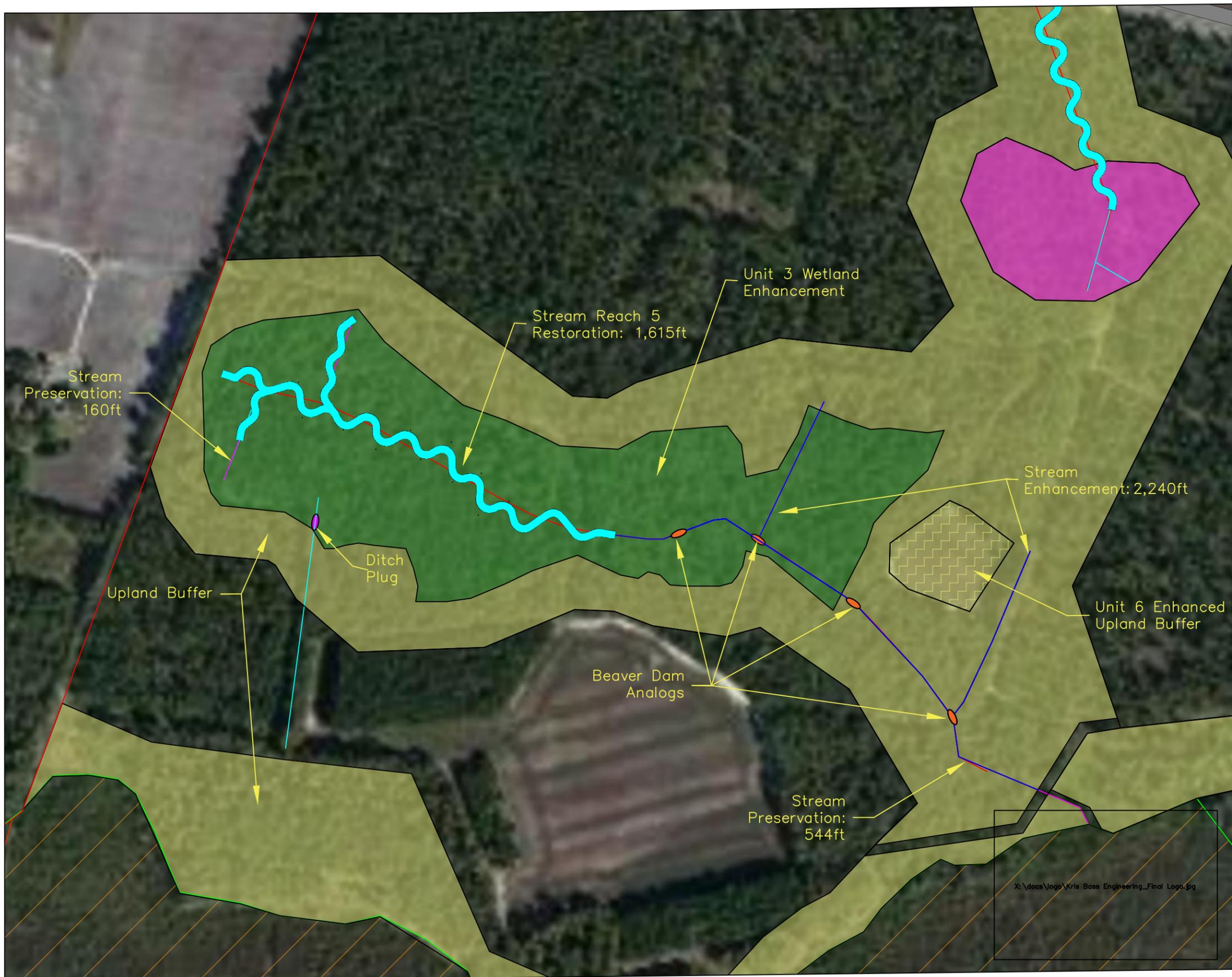
X:\docs\logo\Kris Bass Engineering_Final Logo.jpg

Pocotaligo Swamp Mitigation Bank
 Deer Haven LLC
 Clarendon County
 South Carolina

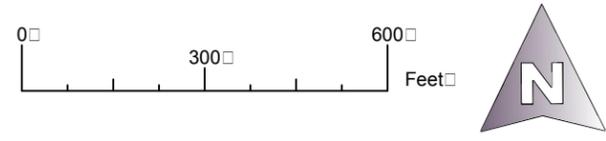
Pocotaligo Swamp Mitigation Bank
 Stream Reach 5 Restoration
 Concept Plan Overview

Legend

- Property Boundary
- Stream Mitigation
- Channelized Streams
- Stream Preservation: 21,361ft
- Stream Restoration: 8,635ft
- Stream Enhancement: 3,260ft
- Wetland Mitigation
- Unit 1 - Wetland Restoration: 2ac
- Unit 2 - Wetland Enhancement: 3ac
- Unit 3 - Wetland Enhancement: 73ac
- Unit 4 - Wetland Enhancement: 309ac
- Unit 5 - Wetland Preservation: 554ac
- Unit 6 - Enhanced Upland Buffer: 8 acres
- Unit 7 - Upland Buffer: 177 acres



Ecological Associates
 Environmental & Natural Resources Consultants
 PO Box 357
 Johns Island, SC 29457
 Phone: 843.412.6616



Scale: 1 in = 300ft