

## PUBLIC NOTICE

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, South Carolina 29403-5107**

REGULATORY DIVISION

Refer to: P/N SAC-2016-01867-MOD4

December 1, 2021

Pursuant to Section 10 of the Rivers and Harbors Act (33 U.S.C. 403) and Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), a proposed modification to the Palmetto Umbrella Mitigation Bank has been submitted to the Department of the Army (Corps) and the South Carolina Interagency Review Team (IRT) by

**WEYERHAEUSER NR COMPANY**  
**ATTENTION: DOUG HUGHES**  
**406 COLE ROAD**  
**HATTIESBURG, MISSISSIPPI 39402**

for a proposal to add a stream and wetland mitigation site called Chicora Mitigation Site to Palmetto Umbrella Mitigation Bank that is adjacent to the

### **Cooper River**

at a location near Lake Moultrie, approximately 10 miles west of the Francis Marion National Forest. More specifically, south of Highway 6, north of State Road (176), between Mudville and Cooper Store Roads, Summerville, Berkley County, South Carolina (Latitude: 33.2107 °, Longitude: -80.1204 °), Summerville Northwest and the Cross U.S. Geological Service Quadrangle sheets.

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

### **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 project consists of establishing a freshwater stream and wetland mitigation site in the Cooper River watershed (8-digit Hydrologic Unit Code 03050201) located in the Middle Atlantic Coastal Plain Ecoregion. The proposed 2,021-acre mitigation site includes approximately 43,199 linear feet of stream channels and 1,900 acres of wetlands.

The proposal is to preserve 7,779 linear feet of stream. In addition, restoration of 19,717 linear feet of stream will be achieved by redirecting flow from channelized portions back into

onsite relic channels and raising stream channels to reconnect with relic channels and floodplain. Stream Enhancement of 1,667 linear feet include stabilization and small channel improvements where full restoration is not needed or available. Wetland enhancement of 1,524.7 acres will include establishing native vegetation where commercial pine plantations have encroached or where vegetation has been disturbed. Approximately 194.2 acres of wetlands will be preserved on site. Once the mitigation work is complete, the bank sponsor proposes to monitor the mitigation site to ensure that the restoration areas are performing as expected and meeting the necessary performance standards. The bank sponsor, using a conservation easement held by Lord Berkeley Conservation Trust, will protect the mitigation bank site.

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

According to the Prospectus, the proposed PS-WUMB will provide in-kind compensatory mitigation for authorized impacts to aquatic resources located within both the Upper and Lower Coastal Plain ecoregions as shown on the attached Service Area Map. The work required to complete the proposed activities on the mitigation site may be authorized under Nationwide Permit #27, after reviews by the Corps, the South Carolina Department of Health and Environmental Control, and the Interagency Review Team.

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 estuarine substrates and 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 Section 7(c) of the Endangered Species Act of 1973 (as amended), the District Engineer has consulted the most recently available information and has determined that the proposed project will have no effect on any federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

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 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.

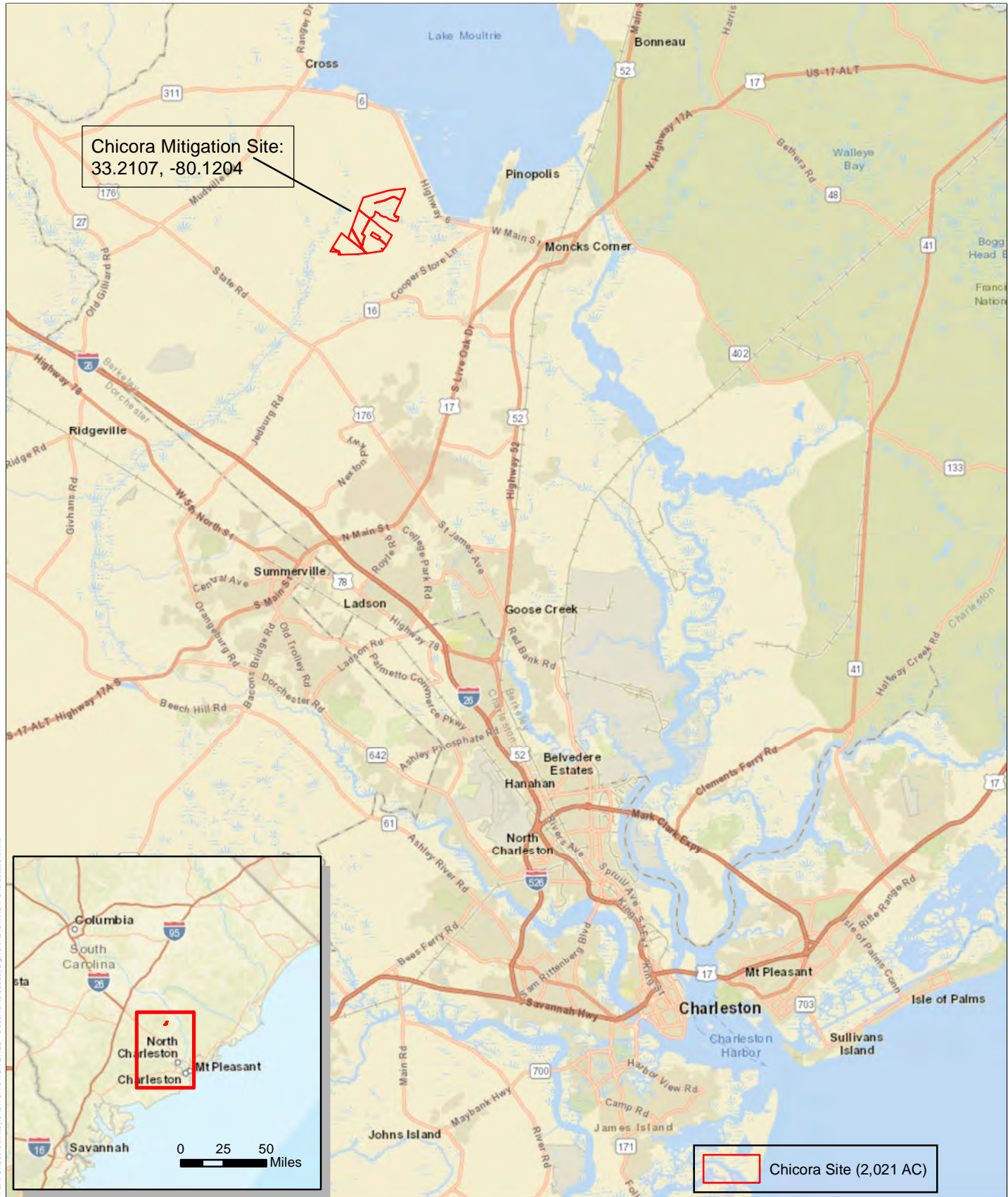
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to approve or deny the proposed mitigation bank site 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. 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:**

**US Army Corps of Engineers  
Attention: Regulatory Division  
69A Hagood Avenue  
Charleston, South Carolina 29403**

The Modification to the proposed mitigation bank is available for review by appointment between the hours of 9:00 am and 4:00 pm Monday through Friday at the address listed above. If there are any questions concerning the proposed mitigation bank or the information included in this public notice please contact David B. Wilson by e-mail at [david.b.wilson@usace.army.mil](mailto:david.b.wilson@usace.army.mil) or by telephone at 843-329-8044.



Chicora Mitigation Site:  
33.2107, -80.1204

Chicora Site (2,021 AC)



PALMETTO UMBRELLA MITIGATION BANK  
CHICORA MITIGATION SITE  
Berkeley County, South Carolina  
**FIGURE 1. SITE LOCATION**

	Background:	World Imagery (GIS)
	Scale:	1:316,800
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 20, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		



Path: C:\Users\slim.taylor\SWCA\SWCAE\RED - Documents\63339\_BigHorn\GIS\MXD\2 Geographic Service Areas.mxd



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
**FIGURE 2. GEOGRAPHIC SERVICE AREAS**

 	Background:	USGS Topographic Maps
	Scale:	1:1,000,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 13, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		
0 10 20 Miles		
0 20 40 Kilometers		

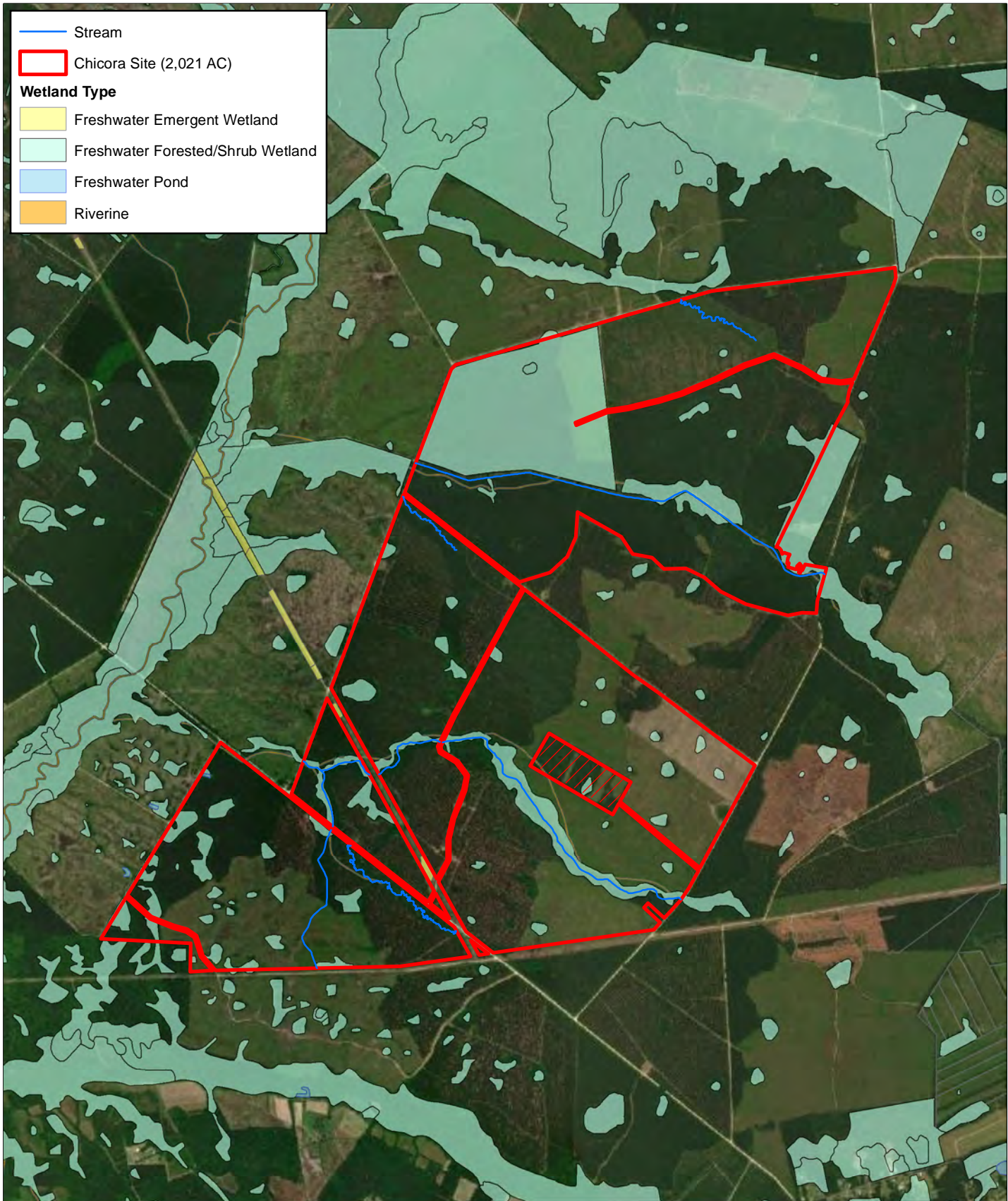
Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339\_BigHunt\IG\IS\MXD\3 2020 Aerial Imagery.mxd



PALMETTO UMBRELLA MITIGATION BANK  
CHICORA MITIGATION SITE  
Berkeley County, South Carolina

FIGURE 3. 2020 AERIAL IMAGERY

	Background:	2020 Imagery (GIS)
	Scale:	1:30,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 13, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		
0 0.25 0.5 Miles		
0 0.5 1 Kilometers		



Path: C:\Users\slim.taylor\SWCA\SWCA-E-RED - Documents\63339\_BigPond\FIG1\SWXD4\_NWI.mxd

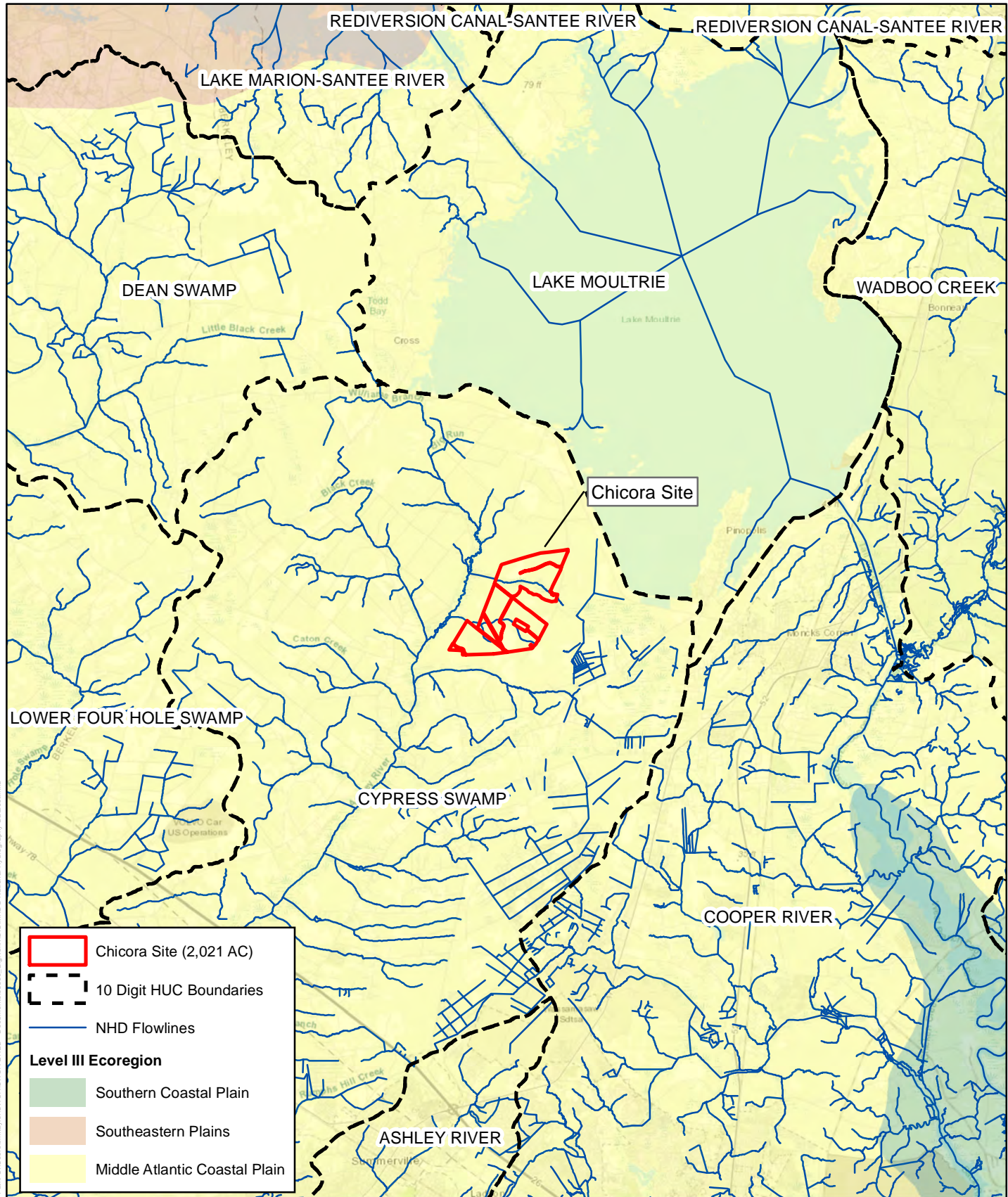


PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina

FIGURE 4. NATIONAL WETLANDS INVENTORY

Background:	2020 Imagery
Scale:	1:30,000
Created By:	KRG
Reviewed By:	TJT
SWCA Project No.:	63339
Date Produced:	August 13, 2021

NAD 1983 StatePlane South Carolina FIPS 3900 Feet



Path: C:\Users\slm\Documents\SWCA\SWCA\RED - Documents\63339 - BigFoot\10\10\XDS National Hydrography Dataset.mxd

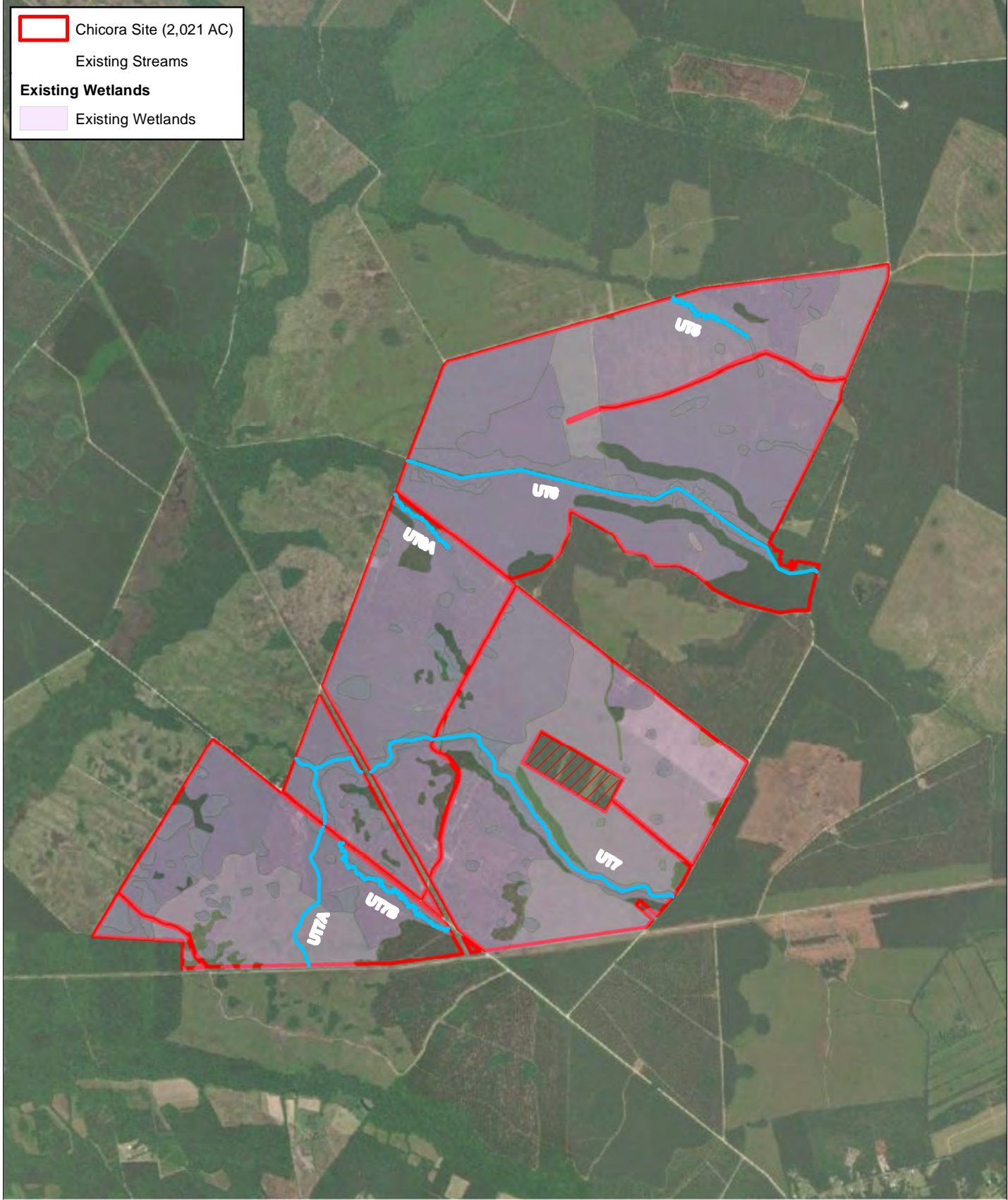


PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
**FIGURE 5. NATIONAL HYDROGRAPHY DATASET**

Background:	USGS Topographic Maps
Scale:	1:200,000
Created By:	KRG
Reviewed By:	TJT
SWCA Project No.:	63339
Date Produced:	August 13, 2021

NAD 1983 StatePlane South Carolina FIPS 3900 Feet





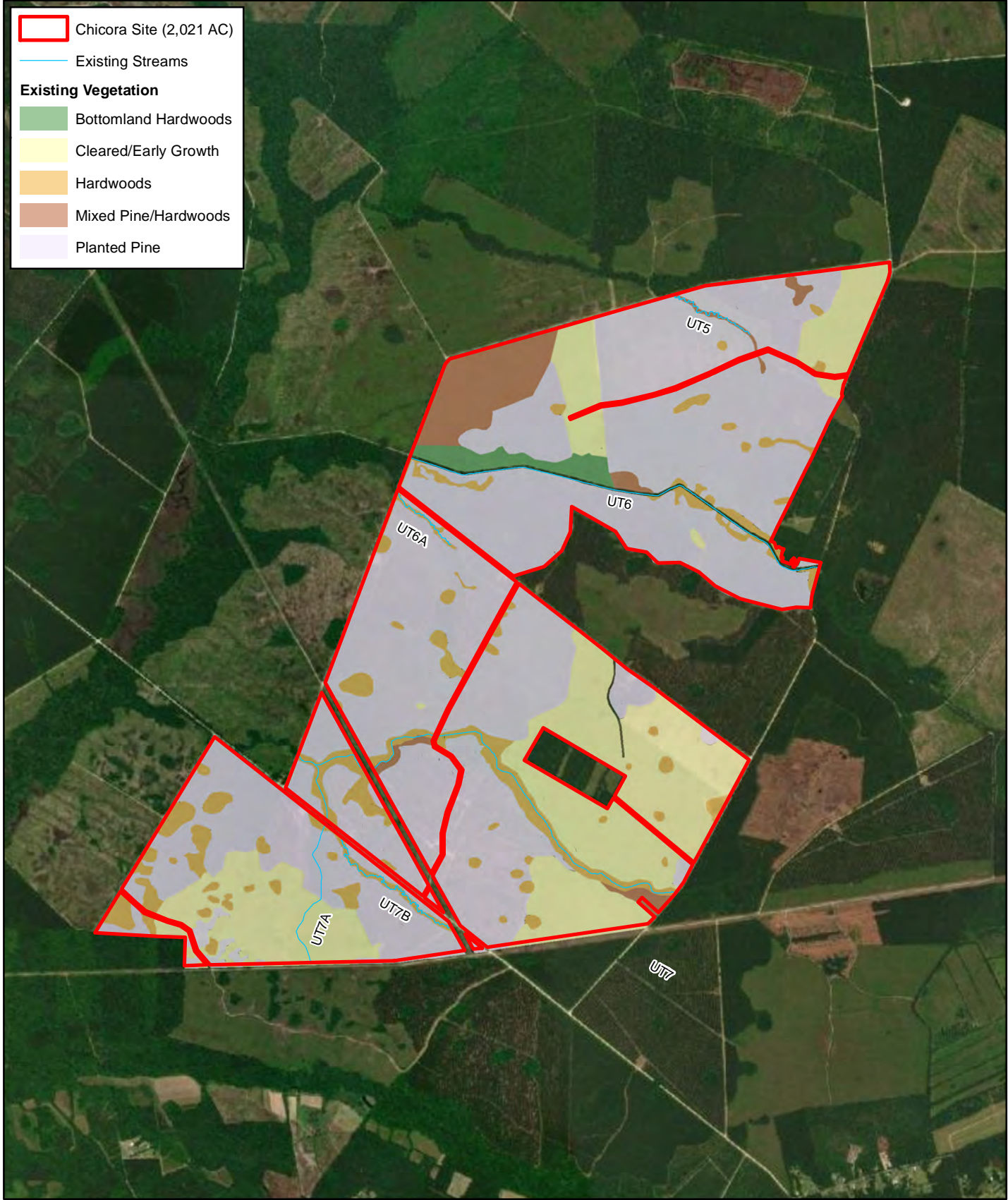
- Chicora Site (2,021 AC)
- Existing Streams
- Existing Wetlands**
- Existing Wetlands

Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339\_BigHunt\IG\ISWXD7A\Existing Conditions.mxd



**PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE**  
 Berkeley County, South Carolina  
**FIGURE 7A. EXISTING CONDITIONS**

	Background:	2020 Imagery
	Scale:	1:30,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 13, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

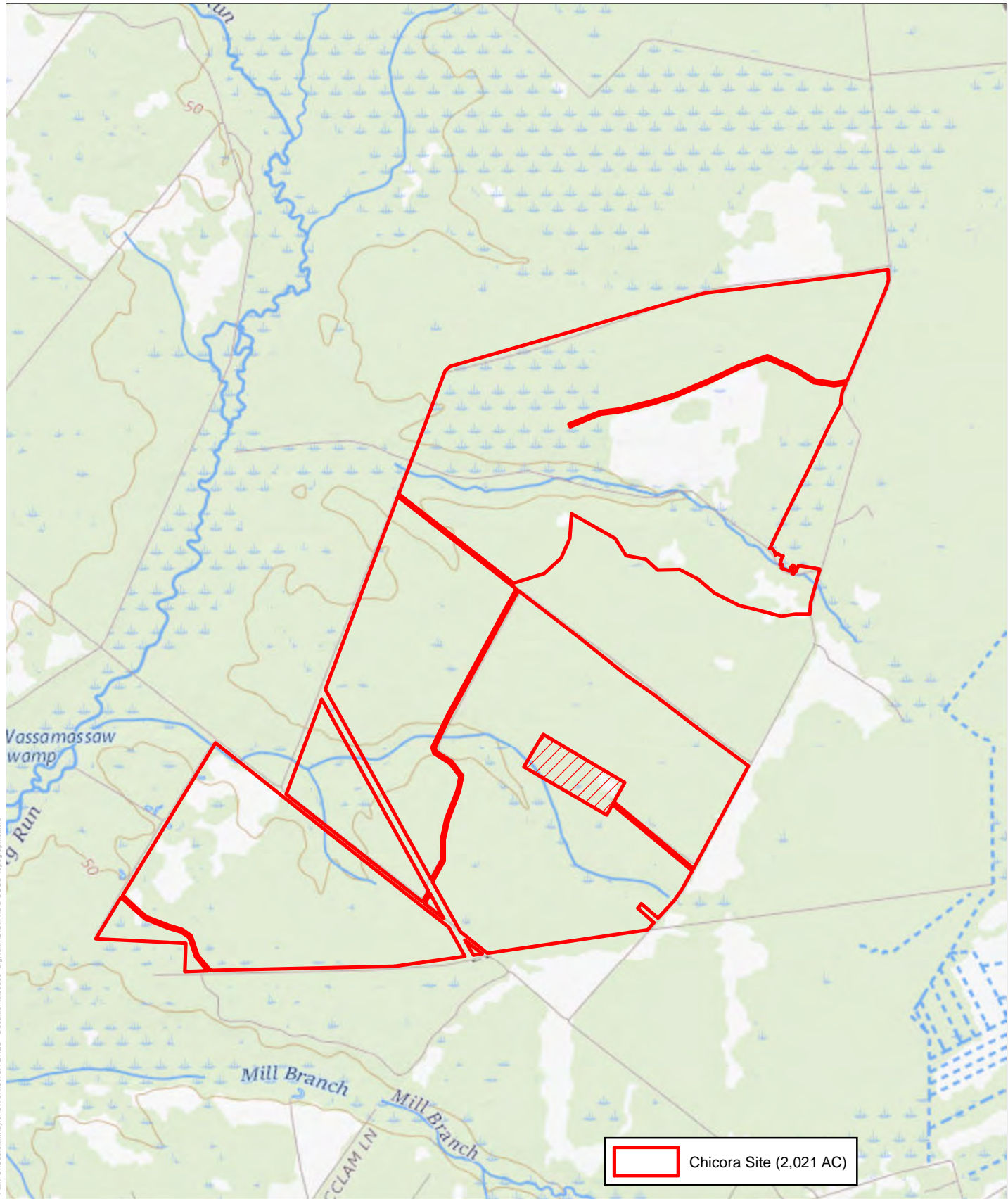


Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339 - BigPunt\1015\MXD\7B Existing Vegetation.mxd



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
**FIGURE 7B. EXISTING VEGETATION**

	Background:	2020 Imagery
	Scale:	1:30,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 13, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		

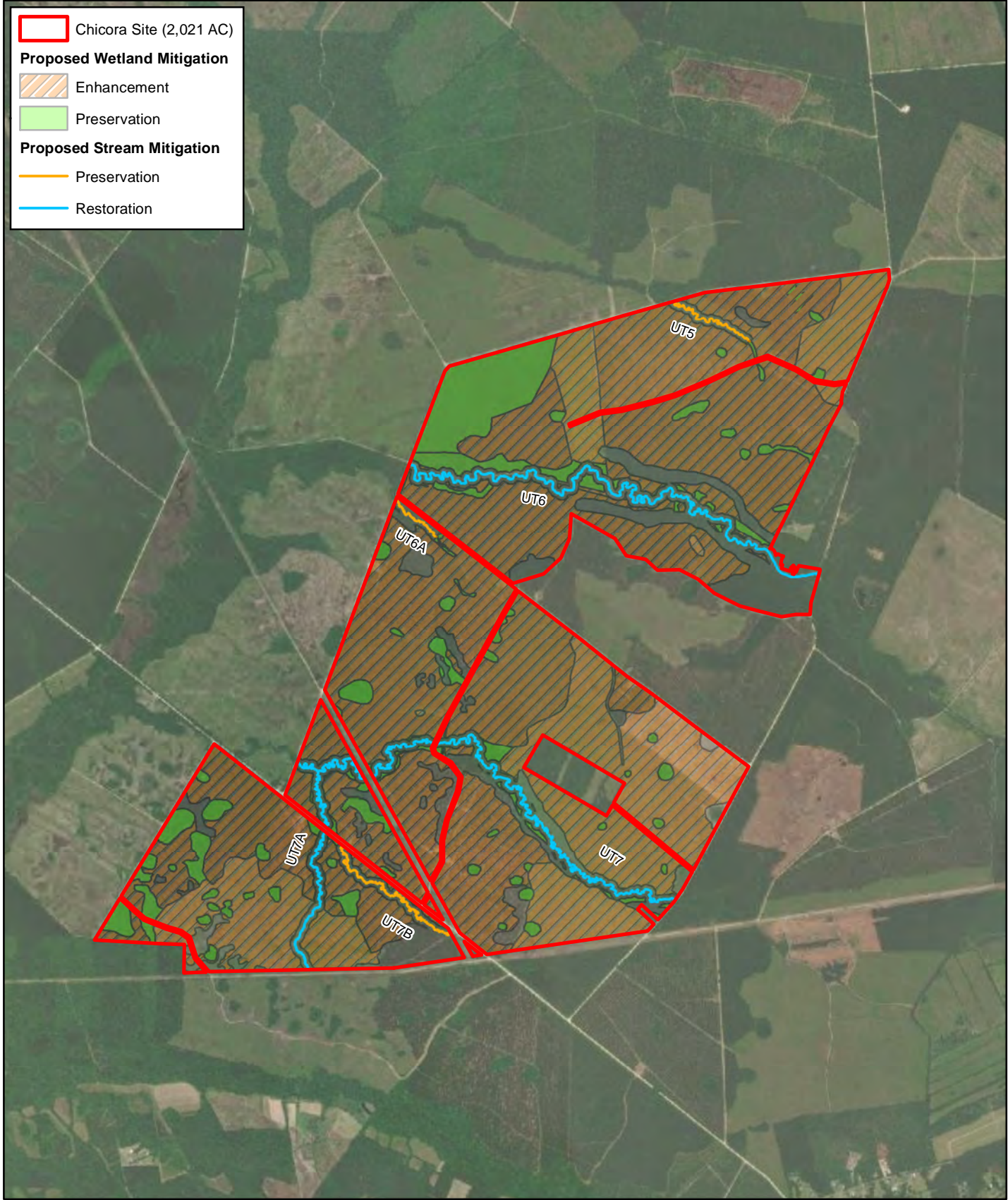


Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339\_BigHunt\IGIS\WXD\9\_USGS\_Topographic.mxd



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
 FIGURE 9. USGS TOPOGRAPHIC

	Background:	USGS Topographic Maps
	Scale:	1:30,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 14, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		



Chicora Site (2,021 AC)

**Proposed Wetland Mitigation**

Enhancement

Preservation

**Proposed Stream Mitigation**

Preservation

Restoration

Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339\_BigRun\1015\MXD\11\_Mitigation Plan.mxd



PALMETTO UMBRELLA MITIGATION BANK  
CHICORA MITIGATION SITE

Berkeley County, South Carolina

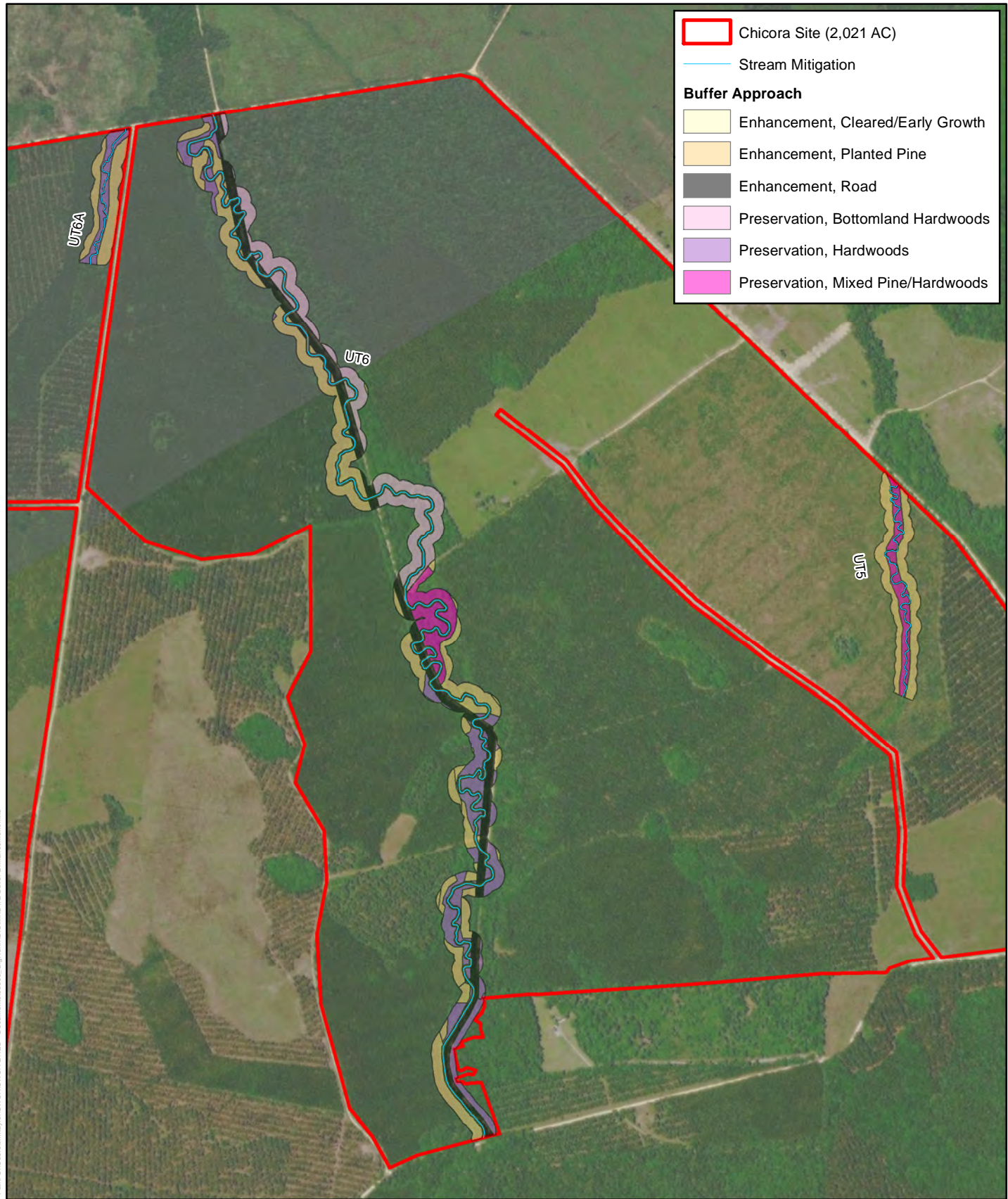
FIGURE 11. MITIGATION PLAN

Background:	2020 Imagery
Scale:	1:30,000
Created By:	KRG
Reviewed By:	TJT
SWCA Project No.:	63339
Date Produced:	August 14, 2021

NAD 1983 StatePlane South Carolina FIPS 3900 Feet

0 0.25 0.5 Miles

0 0.5 1 Kilometers



Path: C:\Users\slim.taylor\SWCA\SWCA\A\RED - Documents\63339\_BigRun\1015\MXD\12 Buffer Enhancement.mxd



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
 FIGURE 12A. BUFFER ENHANCEMENT

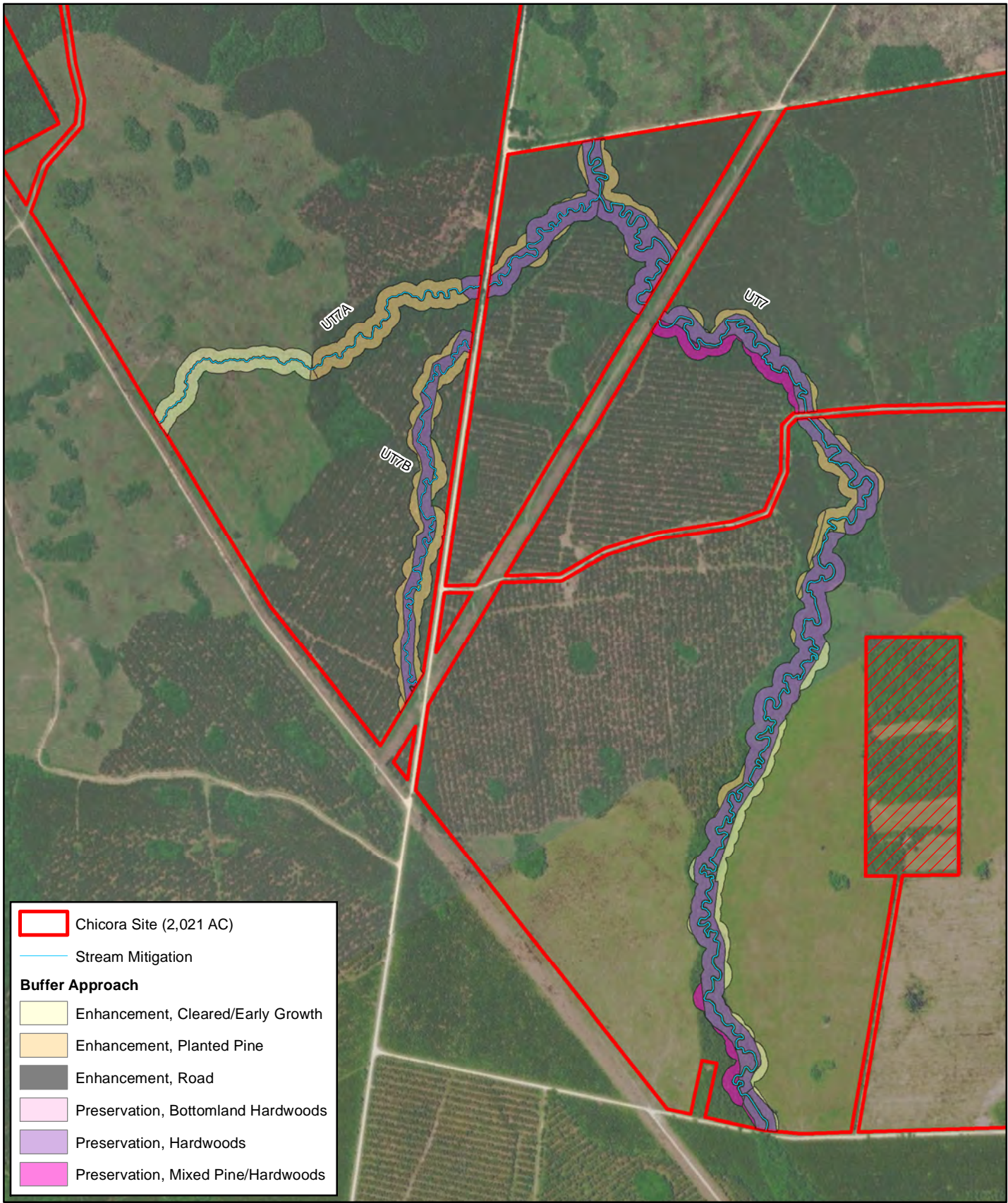
Background:	2020 Imagery
Scale:	1:12,000
Created By:	KRG
Reviewed By:	TJT
SWCA Project No.:	63339
Date Produced:	August 14, 2021

NAD 1983 StatePlane South Carolina FIPS 3900 Feet

0 1,000 Feet

0 0.5 Kilometers

Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339\_BigHunt\IG\SWXD0126 Buffer Enhancement.mxd

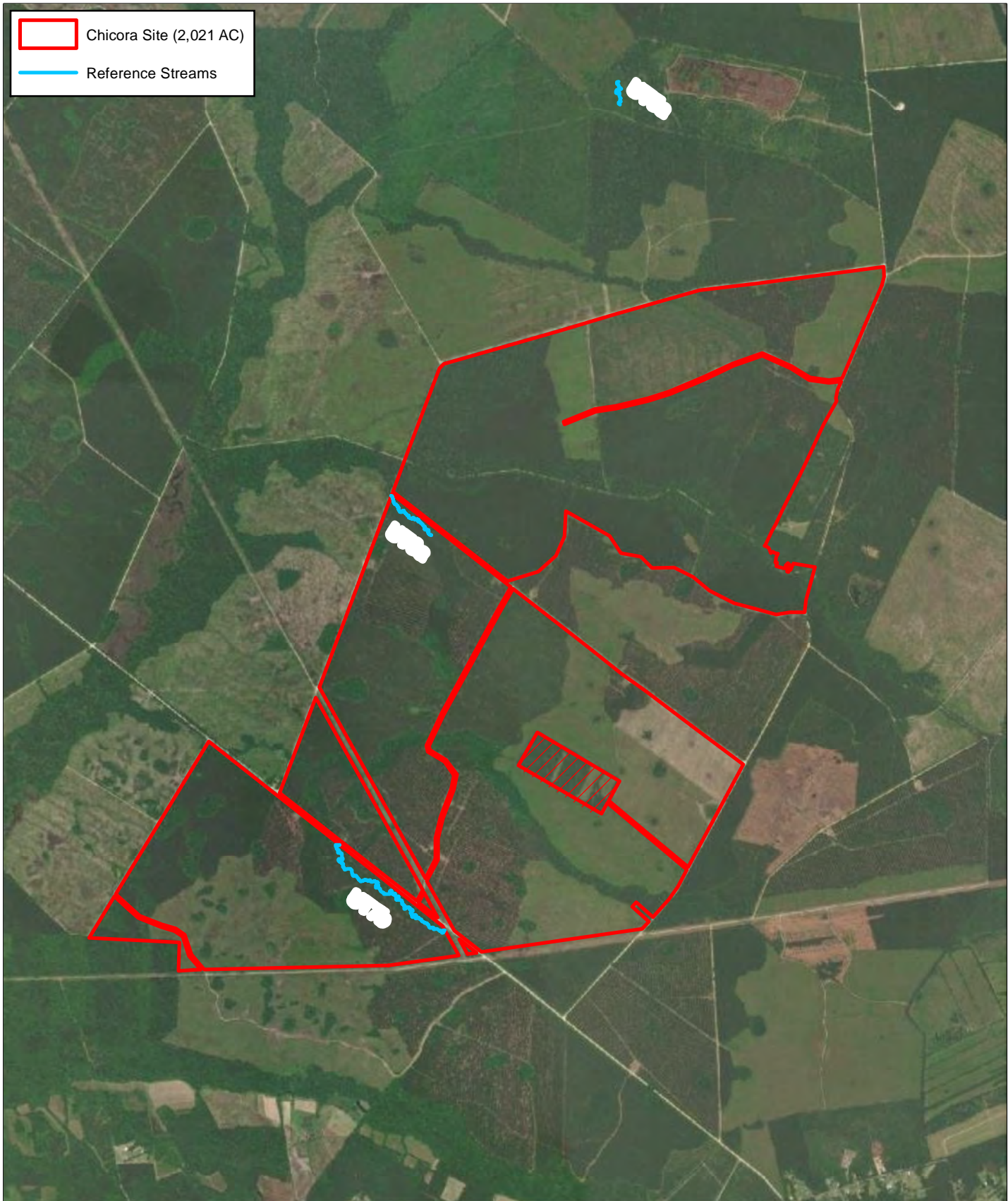


	Chicora Site (2,021 AC)
	Stream Mitigation
<b>Buffer Approach</b>	
	Enhancement, Cleared/Early Growth
	Enhancement, Planted Pine
	Enhancement, Road
	Preservation, Bottomland Hardwoods
	Preservation, Hardwoods
	Preservation, Mixed Pine/Hardwoods



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
**FIGURE 12B. BUFFER ENHANCEMENT**

	Background:	2020 Imagery
	Scale:	1:12,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
	Date Produced:	August 14, 2021
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		
0	1,000	
		0
0		0.5



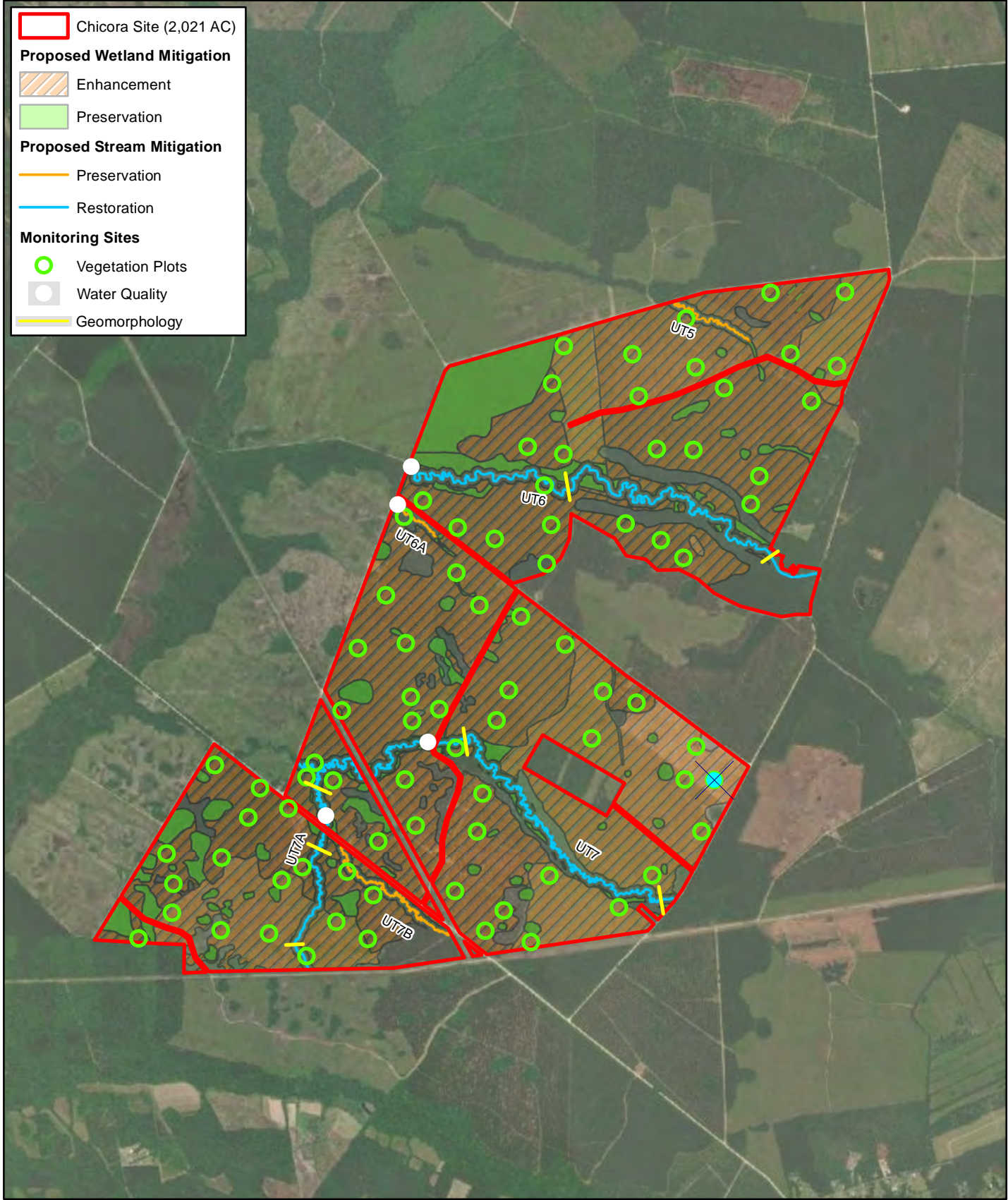
Chicora Site (2,021 AC)  
 Reference Streams

Path: C:\Users\slim.taylor\SWCA\SWCA\RED - Documents\63339\_BigHunt\IGIS\MXD\013a Reference Site\_Location.mxd



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
**FIGURE 13. REFERENCE REACH LOCATIONS**

	Background:	World Street Map (GIS)
	Scale:	1:30,000
	Created By:	KRG
	Reviewed By:	TJT
	SWCA Project No.:	63339
Date Produced:	August 16, 2021	
NAD 1983 StatePlane South Carolina FIPS 3900 Feet		



Path: C:\Users\slim.taylor\SWCA\SWCAE\RED - Documents\63339\_BigHunt\IG\ISWXD\16\_Monitoring\_Plan.mxd

**Chicora Site (2,021 AC)**

**Proposed Wetland Mitigation**

- Enhancement
- Preservation

**Proposed Stream Mitigation**

- Preservation
- Restoration

**Monitoring Sites**

- Vegetation Plots
- Water Quality
- Geomorphology



PALMETTO UMBRELLA MITIGATION BANK  
 CHICORA MITIGATION SITE  
 Berkeley County, South Carolina  
**FIGURE 16. MITIGATION MONITORING**

Background:	2020 Imagery
Scale:	1:30,000
Created By:	KRG
Reviewed By:	TJT
SWCA Project No.:	63339
Date Produced:	August 20, 2021

NAD 1983 StatePlane South Carolina FIPS 3900 Feet

0 0.25 0.5 Miles

0 0.5 1 Kilometers