#### **PUBLIC NOTICE**

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

REGULATORY DIVISION Refer to: P/N SAC-2015-00592

August 18, 2017

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), the proposed Big Dutchman Creek Mitigation Bank (BDCMB) Prospectus has been submitted to the Department of the Army (Corps) and the South Carolina Interagency Review Team (IRT) by

Meanders River Restoration, Inc. ATTENTION: Mr. Robby Bowen 1510 Harmony Church Monroe, GA 30655

for a proposal to establish and operate the BDCMB located within the headwaters of

#### **Big Dutchman Creek**

at a location approximately three miles northwest of Rock Hill along Mt. Gallant Road, York County, South Carolina (Latitude 35.00422°, Longitude -81.08689°), Lake Wylie and the Rock Hill West 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 day from the Date of this Notice,

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

The overall goal of the proposed BDCMB is to establish a stream and wetland mitigation bank within Lower Catawba watershed (03040103). BDCMB is proposed as a general use bank that provides compensatory mitigation for unavoidable adverse impacts to Waters of the United States, including wetlands, that result from activities authorized under Section 401 and 404 of the Clean Water Act, and Section 10 of the Rivers and Harbors Act, as authorized by the Charleston District and are within the prescribed service area of the bank. According to the Prospectus, a total of 17,600 linear feet of stream restoration and 3.82 acres of wetland enhancement are proposed.

The project goals include restoring degraded stream channels by returning incised streams to stable form using natural stream design and raising stream bottoms so they function properly within their floodplain. In addition, wetland and buffer enhancement include planting native trees to reestablish vegetative cover and habitat and improving water quality and natural revegetation by the exclusion of cattle. The bank will continue to operate within an active cattle ranch, but cattle access

and crossing will be heavily restricted. The bank sponsor, using a conservation easement, will protect the mitigation site.

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

According to the Prospectus, the proposed BDCMB will provide in-kind compensatory mitigation for authorized impacts to aquatic resources located within the Upper Catawba (03050101), Lower Catawba (03050103), and Upper Broad River (03050105) watersheds 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.

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 (Section 401 of the Clean Water Act). 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 will 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 umbrella mitigation bank actions would not have a substantial adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts 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.

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 also consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36 C.F.R. 800.16)(I)(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 from the State Historic Preservation Office on this determination.

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.

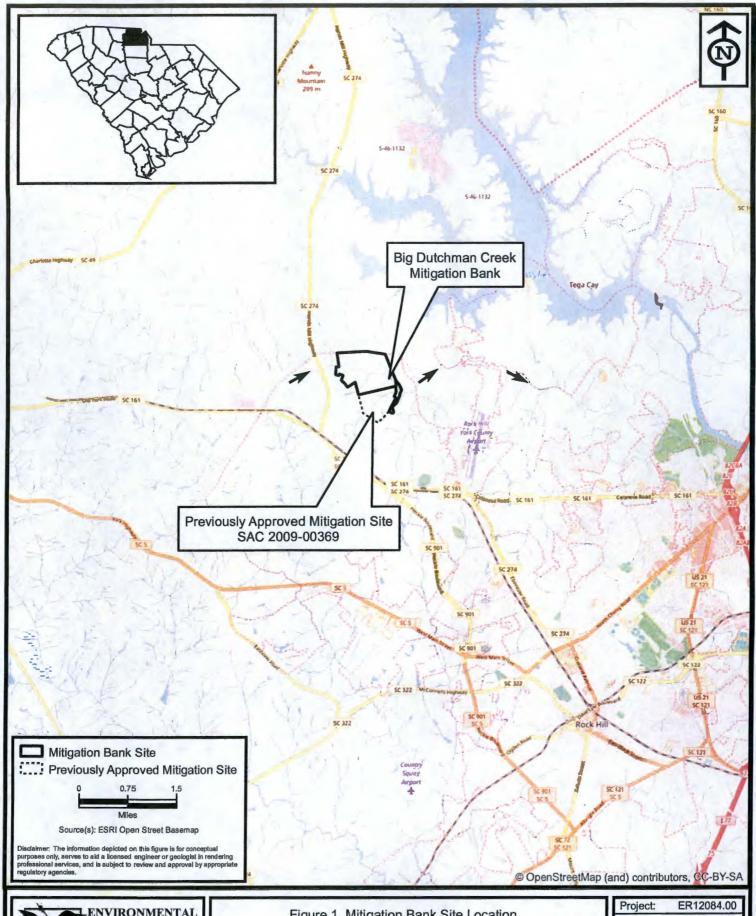
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to approve or deny the proposed umbrella mitigation bank will be based on an evaluation of the probable impact including cumulative impacts of the activity. 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.

The Corps of Engineers 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 of Engineers to determine whether to approve or deny the proposed umbrella mitigation bank. 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 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.

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

The Prospectus for 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 <a href="mailto:david.b.wilson@usace.army.mil">david.b.wilson@usace.army.mil</a> or by telephone at 843-329-8044.





#### RVICES, INC.

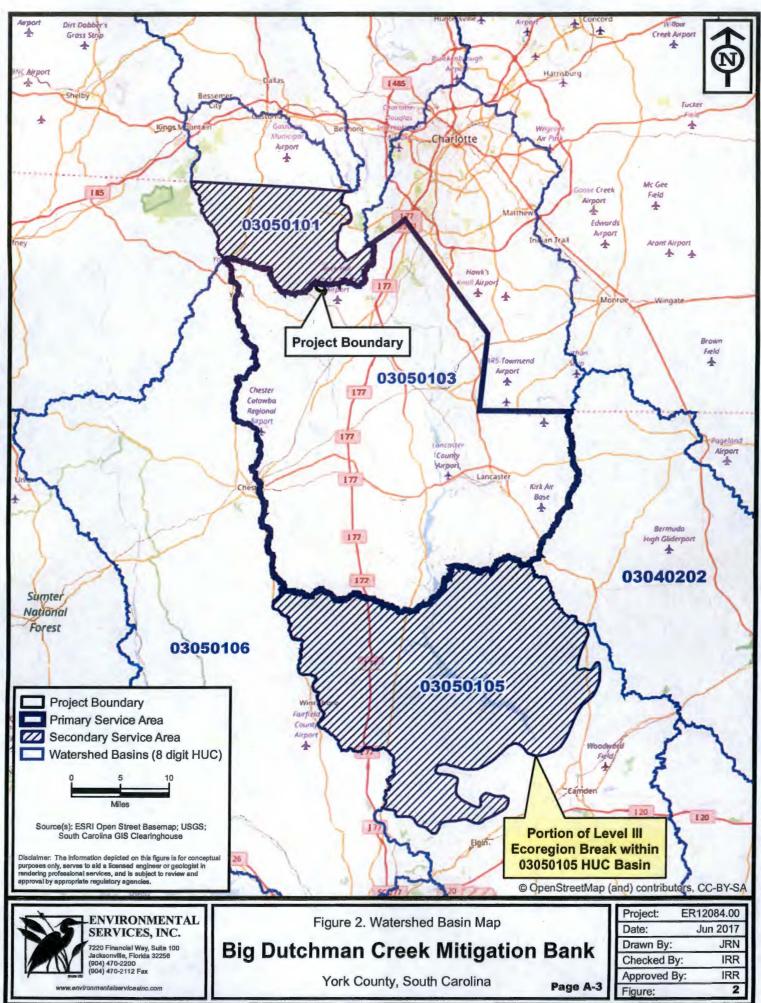
(904) 470-2200 (904) 470-2112 Fax

Figure 1. Mitigation Bank Site Location

### **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

Project: E	R12084.00
Date:	May 2017
Drawn By:	JRN
Checked By:	IRR
Approved By:	IRR
Figure:	1



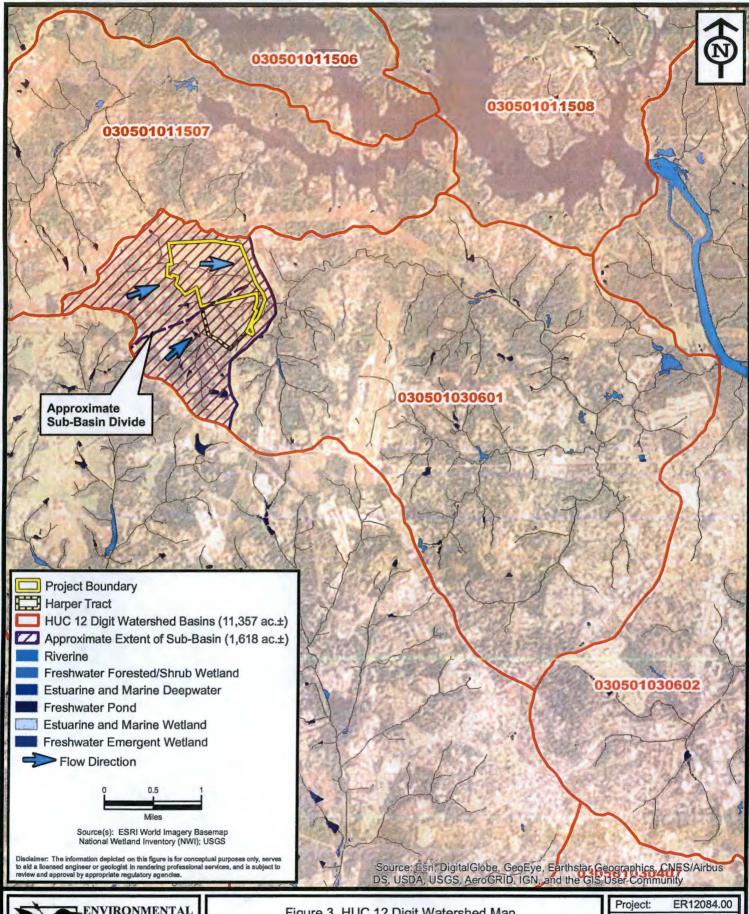


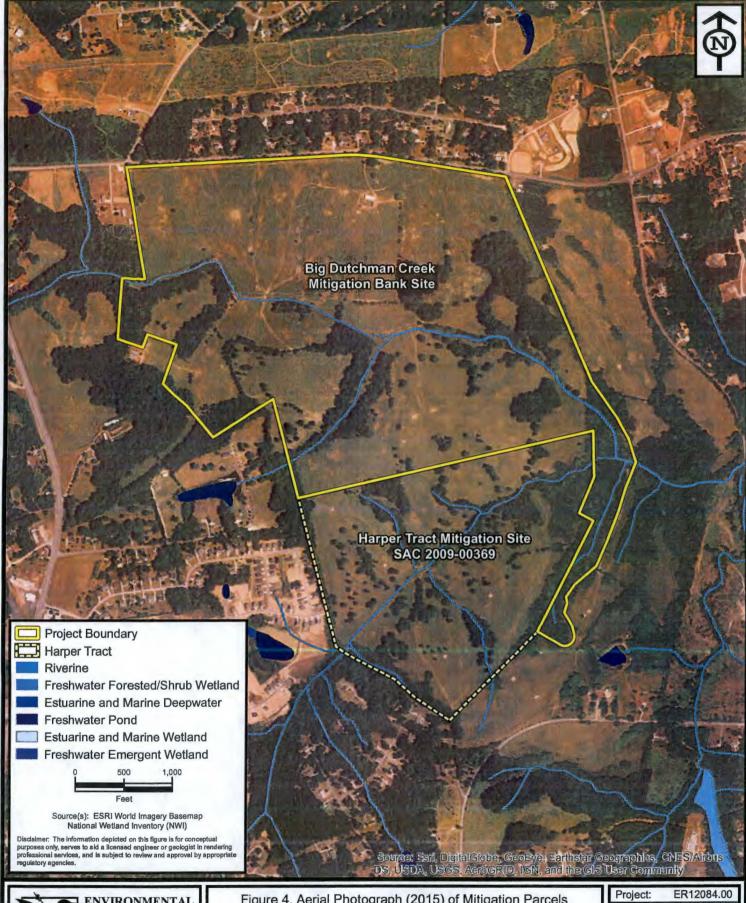


Figure 3. HUC 12 Digit Watershed Map

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York County, South Carolina

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Date:	May 2017
Drawn By:	JRN
Checked B	y: IRR
Approved E	By: IRR
Figure:	3





### ENVIRONMENTAL SERVICES, INC.

7220 Financial Way, Suite 100 Jacksonville, Florida 32256 (904) 470-2200 (904) 470-2112 Fax

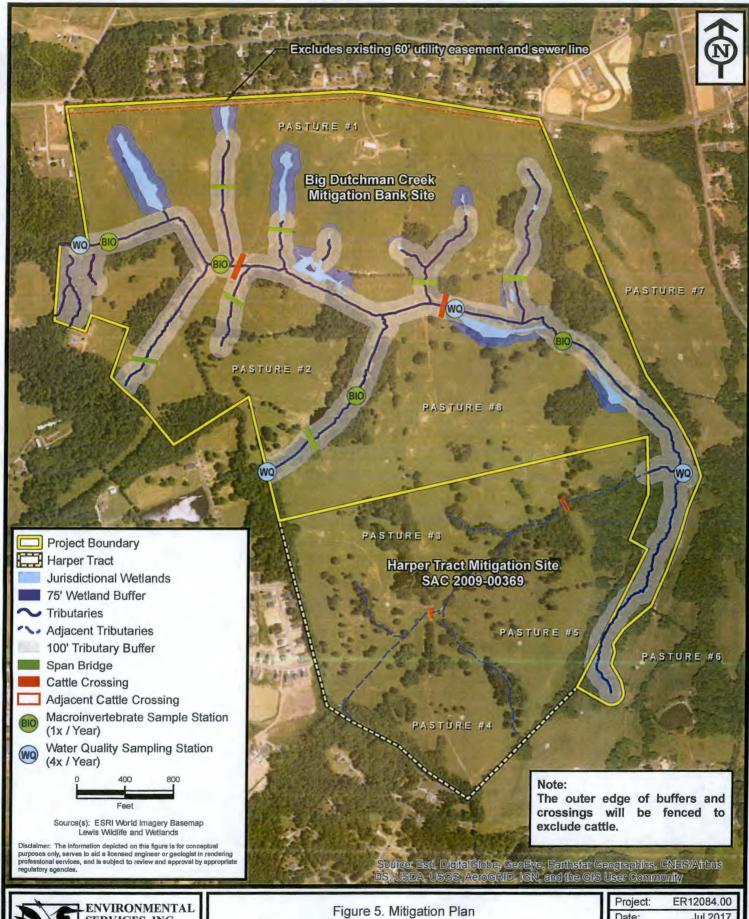
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Figure 4. Aerial Photograph (2015) of Mitigation Parcels (NWI Database)

### **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

Project: E	R12084.00
Date:	Jun 2017
Drawn By:	JRN
Checked By:	IRR
Approved By:	IRR
Figure:	4



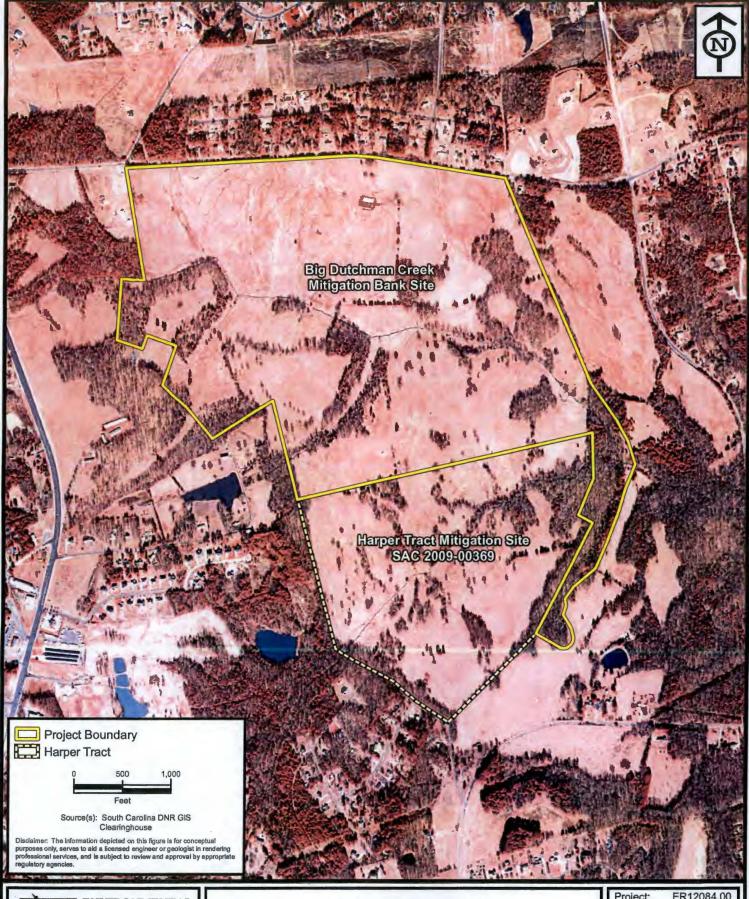


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**Big Dutchman Creek Mitigation Bank** 

York County, South Carolina

Checked By: Approved By:	IRR
Drawn By:	JRN
Date:	Jul 2017
Project: E	R12084.00





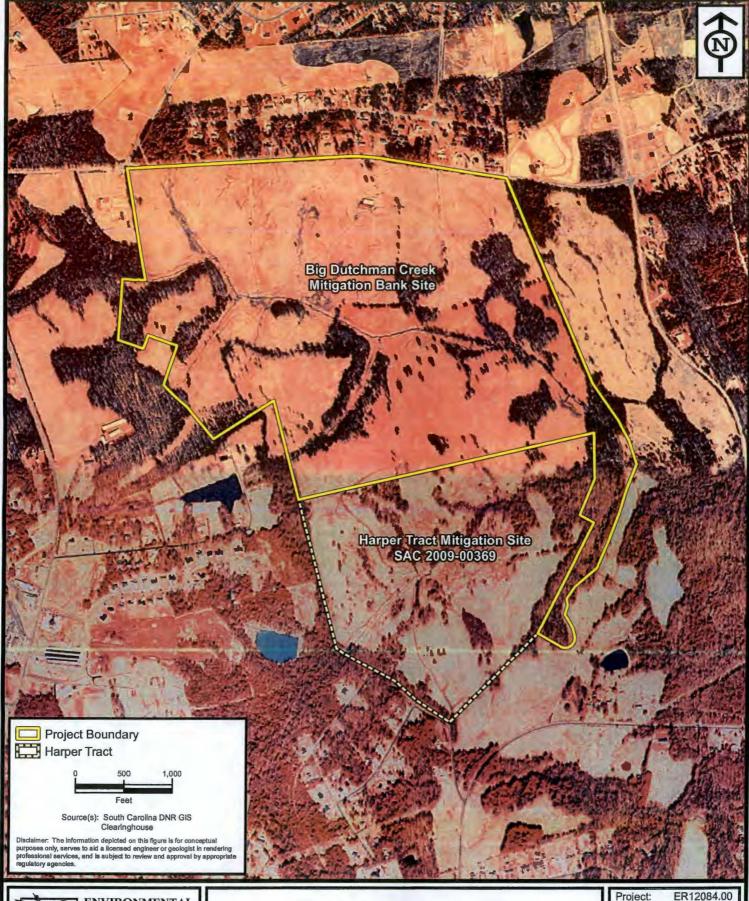
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Figure 6b. Aerial Photograph - 2006

## Big Dutchman Creek Mitigation Bank

York County, South Carolina

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Figure:	6b





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Figure 6c. Aerial Photograph - 1999

## **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

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Figure:	6c

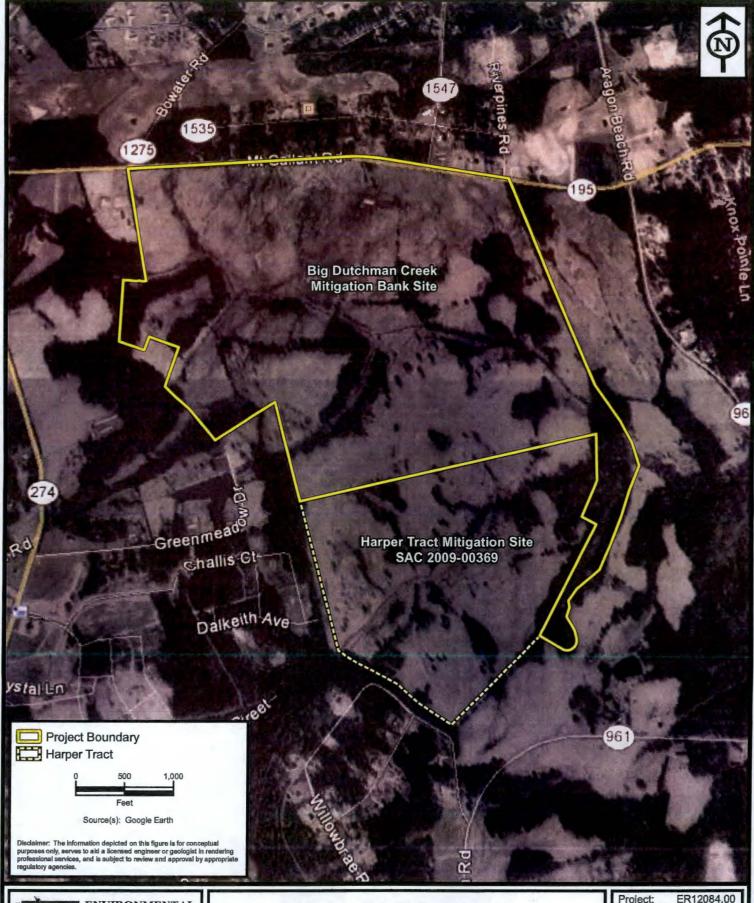




Figure 6d. Aerial Photograph - 1995

### **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

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Figure:	6d

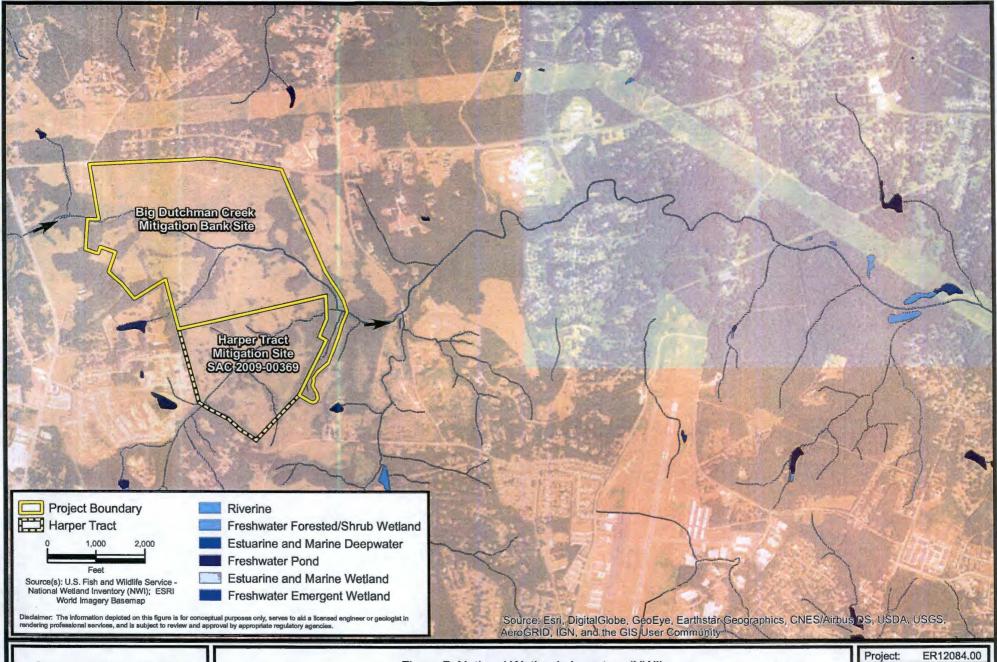




Figure 7. National Wetlands Inventory (NWI)

# **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

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Figure:	7

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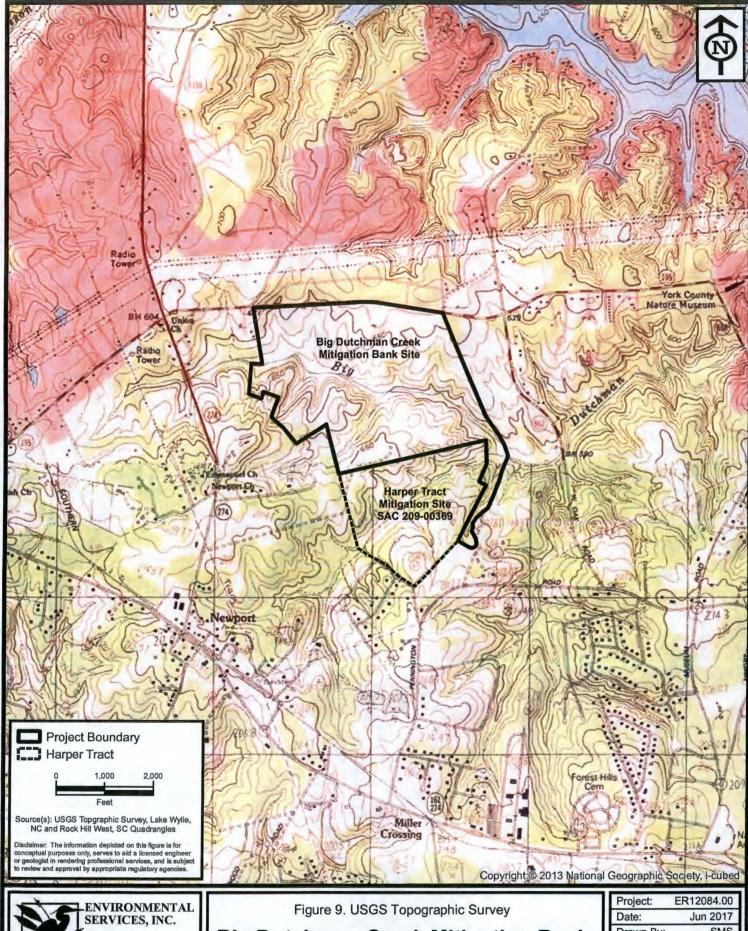


Big Dutchman Creek Mitigation Bank Color Imagery MAP Quad: Lake Wylie Date: 4/12/2016

Figure 8. Preliminary Jurisdictional Map NC. Identifying Stream Reaches (T1-T13) and Wetlands (W1-W12) Big Dutchman Creek Mitigation Bank

ENVIRONMENTAL
SERVICES, INC.
720 Fenced Way, Suis-10
Accounting, Freds 22269
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LEWIS WILDLIFE WETLANDS

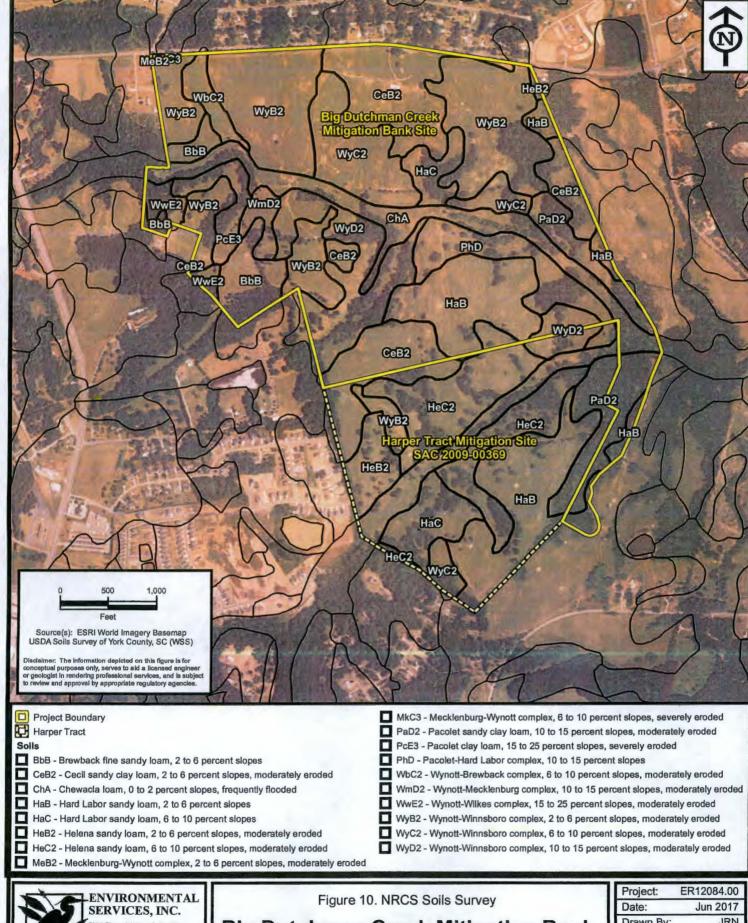


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## **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

Project: E	R12084.00
Date:	Jun 2017
Drawn By:	SMS
Checked By:	JRN
Approved By:	IRR
Figure:	9

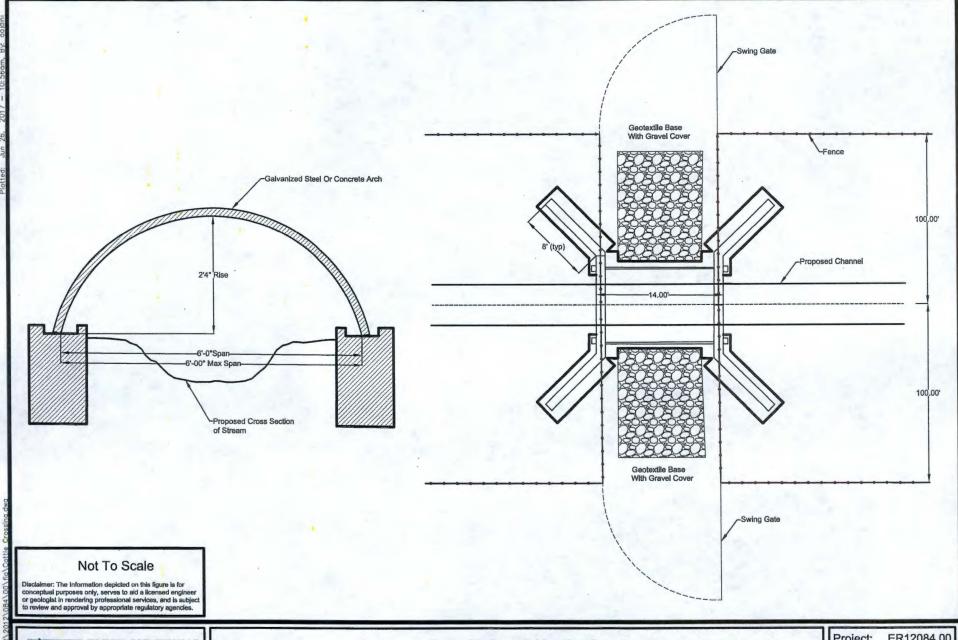




#### **Big Dutchman Creek Mitigation Bank**

York County, South Carolina

Figure:	10
Approved	By: IRR
Checked E	By: IRR
Drawn By:	JRN
Date:	Jun 2017
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Figure 11. Span Bridge Details

#### **Big Dutchman Creek Mitigation Bank**

York Conty, South Carolina

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Project: ER12084.00
Date: June 2017
Drwn/Chkd: AA/JRN
Figure: 11

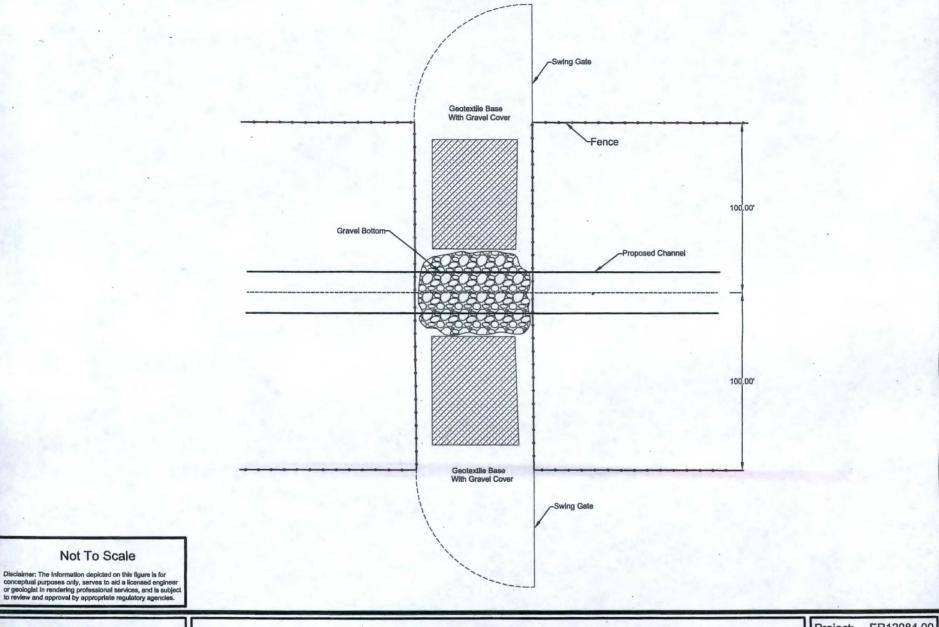




Figure 12. At Grade Crossing

### **Big Dutchman Creek Mitigation Bank**

York Conty, South Carolina

Project:	ER12084.00	)
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Drwn/Chk	d: AA/JRN	1
Figure:	12	