

U.S. ARMY CORPS OF ENGINEERS  
WILMINGTON DISTRICT

4PT

Action ID: 200001463

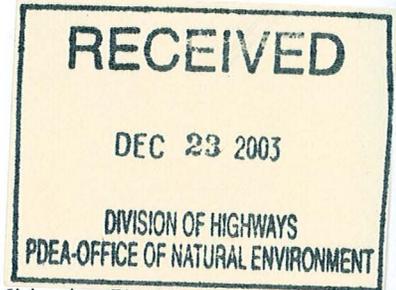
TIP No. R-2204WM

State Project No.

County: Duplin

GENERAL PERMIT (REGIONAL AND NATIONWIDE) VERIFICATION

Property Owner: North Carolina Department of Transportation (NCDOT)  
Address: Gregory J. Thorpe, Ph.D  
Environmental Management Director, PDEA  
1548 Mail Service Center  
Raleigh, North Carolina 27699-1548



Telephone Number: (910) 733-3141

Size and Location of project (waterway, road name/number, town, etc.): Grove Creek Mitigation Site located near NC 24 and on SR 1737 (Chapel Dodson Road), Duplin County County, North Carolina.

Description of Activity: Discharge of fill material permanently impacting a total of 1.46 acres of waters of the United States, including wetlands to construct the Grove Creek Mitigation Site as described in NCDOT letters dated October 13, 2003, December 5, 2003, December 12, 2003 (email) and the Grove Creek Mitigation Plan dated January 2003 and revised Grove Creek Mitigation Plan to be submitted in January 2004 and the 60 percent design plans dated August 2003. The proposed construction of the Grove Creek Mitigation Site will fill 5 ditches and will result in restoration of 3.2 acres of Bottomland Hardwood wetlands and 7.7 acres of Headwater Forest wetlands, creation of 10.4 acres of Bottomland Hardwood wetlands, enhancement of 8.7 acres of Bottomland Hardwood wetlands, and preservation of 107 acres of Cypress-Gum Swamp and 245 acres of Bottomland Hardwood wetlands. The wetland mitigation acreages and existing wetland communities on site are shown on the attached summary dated December 12, 2003.

Applicable Law:  Section 404 (Clean Water Act, 33 U.S.C. 1344)  
 Section 10 (River and Harbor Act of 1899)  
Authorization:  Nationwide Permit Number  
 Regional General Permit Number

Your work is authorized by this Regional General (RGP) or Nationwide (NWP) Permit provided it is accomplished in strict accordance with the attached conditions and your submitted plans. If your activity is subject to Section 404 (if Section 404 block above is checked), before beginning work you must also receive a Section 401 water quality certification from the N.C. Division of Environmental Management, telephone (919) 733-1786. For any activity within the twenty coastal counties, before beginning work you must contact the N.C. Division of Coastal Management, telephone (919) 733-2293.

Please read and carefully comply with the attached conditions of the RGP or NWP. Any violation of the conditions of the RGP or NWP referenced above may subject the permittee to a stop work order, a restoration order, and/or appropriate legal action.

This Department of the Army RGP or NWP verification does not relieve the permittee of the responsibility to obtain any other required Federal, State, or local approvals/permits. The permittee may need to contact appropriate State and local agencies before beginning work.

If there are any questions regarding this authorization or any of the conditions of the RGP or NWP, please contact please contact Dave Timpy at telephone number (910) 251-4634.

Date December 15, 2003  
Corps Regulatory Official [Signature] Telephone No. (910) 251-4634  
Expiration Date of Verification December 15, 2008

# Grove Creek Mitigation Site

December 12, 2003

## Wetland Mitigation Acreages

### WETLAND RESTORATION:

- Bottomland Hardwood 3.2 acres
- Headwater Forest 7.7 acres

*Subtotal* 10.9 acres

### WETLAND CREATION:

- Bottomland Hardwood 10.4 acres

*Subtotal* 10.4 acres

### WETLAND ENHANCEMENT:

- Bottomland Hardwood 8.7 acres

*Subtotal* 8.7 acres

### WETLAND PRESERVATION:

- Cypress-Gum Swamp 107.0 acres
- Bottomland Hardwood 245.0 acres

*Subtotal* 352.0 acres

### TOTAL WETLAND ACREAGE

382.0 acres

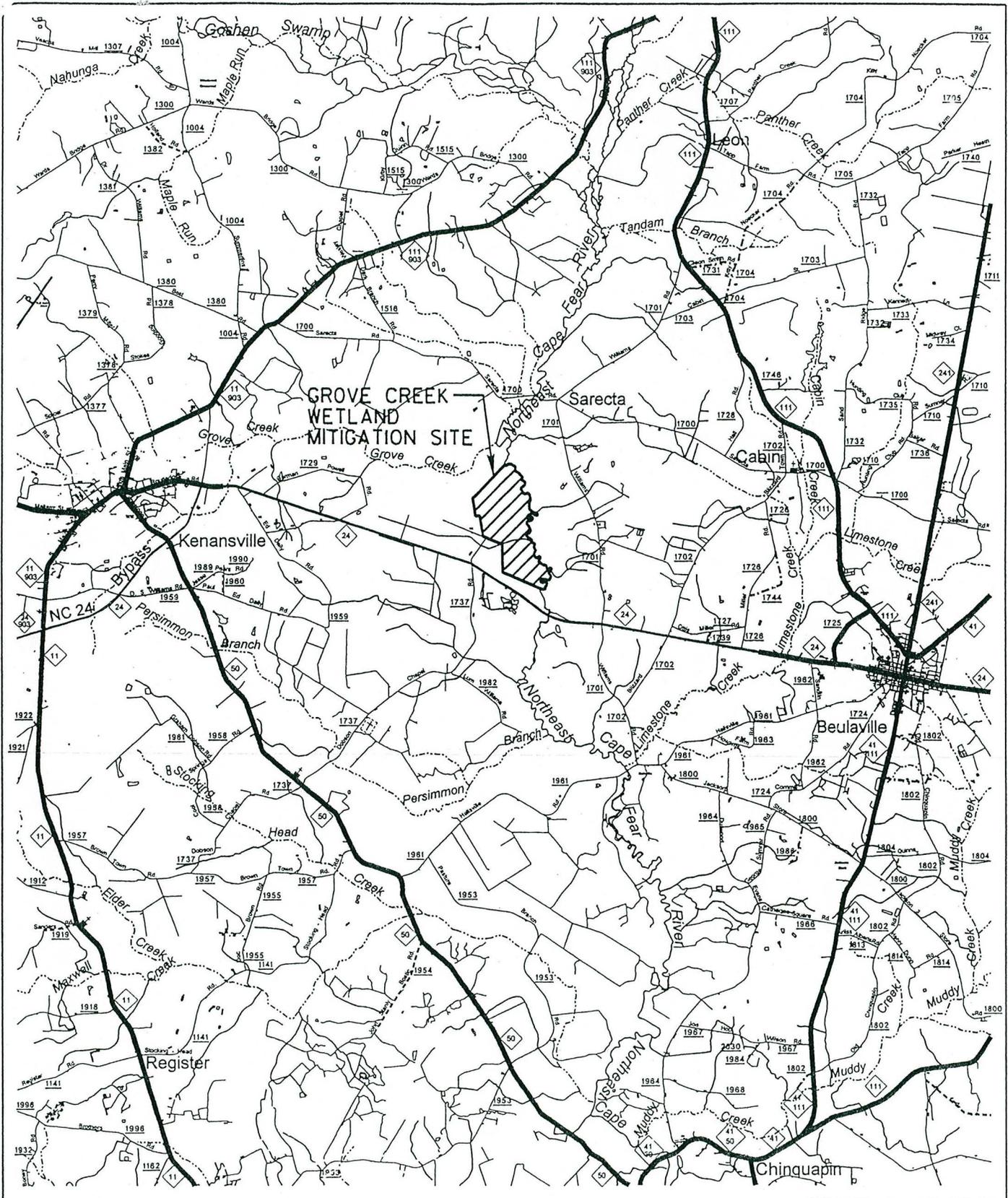
Upland Area totals 167 acres.

## Existing Wetland Communities

There is a total of 360.7 acres of existing wetlands on the tract. This number can be divided into communities as follows:

- Cypress-Gum Swamp 107.0 acres
- Bottomland Hardwood 253.7 acres

*Total* 360.7 acres



SCALE: 1" = 10,000'



GROVE CREEK SITE MAP  
 CAPE FEAR RIVER BASIN  
 WETLAND MITIGATION PLAN  
 DUPLIN COUNTY, NORTH CAROLINA

FIGURE I



R-2204WM N/A  
 RW SHEET NO.  
 ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER  
**PRELIMINARY PLANS**  
 DO NOT USE FOR CONSTRUCTION  
 H S M M  
 ARCHITECTS - ENGINEERS - PLANNERS  
 1305 NAVAHO DR. SUITE 303 RALEIGH, NC 27609



IMPACT TABLE

	CUT	FILL
AREA A	0	0
AREA B	0	0
AREA C	0	0.45 ac
AREA D	0	0.83 ac
AREA E	0	0.18 ac
TOTAL	0	1.46 ac

LEGEND

AREA OF WETLAND FILL

**WETLAND IMPACT**  
 GROVE CREEK MITIGATION SITE

PROJECT: 1305 NAVAHO DR. SUITE 303 RALEIGH, NC 27609  
 DATE: 08/28/2003  
 DRAWN BY: J. H. HARRIS  
 CHECKED BY: J. H. HARRIS  
 PROJECT NO.: 03-001