



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

January 21, 2009

U.S. Army Corps of Engineers
Regulatory Field Office
Post Office Box 1000
Washington, NC 27889-1000

Attn: Mr. William Wescott
NCDOT Coordinator

Dear Sir:

Subject: **Mitigation Revisions for Individual Section 404 and 401 Permits and Neuse Riparian Buffer Authorization** for the construction of the southern section of Crescent Road from US 70 to US 258 in Lenoir County, west of Kinston. State Project No. 8.2200101. Federal Aid Project Number STP-224(3). TIP No. R-2719A.

Attached you will find a revised mitigation table based on Special Condition O set forth in the 404 permit (Action ID SAW 2008-02460).

Please provide a written response concerning this information. If you have any questions or need additional information, please call Mr. Chris Manley, at 919-715-1487.

Sincerely,

for Handwritten signature of Gregory J. Thorpe in black ink, written over the word "for".

Gregory J. Thorpe, Ph.D. Environmental Management Director
Project Development and Environmental Analysis Branch

cc list:
w/attachment
Mr. David Wainwright, NCDWQ

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS
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LOCATION:
PARKER LINCOLN BUILDING
2728 CAPITAL BLVD. SUITE 240
RALEIGH NC 27604

Project Impacts		Required Mitigation			
Type	Area	Type	Location	Ratio	Credits Required
Riverine	2.7 acres	Restoration	Banks School Road Site 2 (on-site)	1:1	0.68 acres
			Crescent Road R-2719 (on-site)	1:1	2.02 acres
Non-Riverine	9.35 acres*	Restoration	Casey-King (off-site)	1:1	6.29 acres
			Jeffrey's Warehouse (off-site)	1:1	2.76 acres
		Preservation	Southwest Creek	4.6:1	43.1 acres
Stream	2,363 linear feet	Restoration	Banks School Rd Site 1 (on-site)	1:1	2,077 feet
			Banks School Rd. Site 2 (on-site)	1:1	286 feet

* Note: For the 9.35 acres of non-riverine impacts, a 2:1 mitigation ratio was required since mitigation was being provided off-site. Therefore the 1:1 minimum restoration requirement is being met by non-riverine restoration at the Casey-King and Jeffrey's Warehouse sites. In addition, the Southwest Creek site is being debited 43.1 acres of riverine wetland preservation to meet the 2:1 mitigation ratio requirement.

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The Crescent Road Mitigation Site is located in Lenoir County approximately 2 miles northwest of Kinston. The site is situated immediately south and adjacent to C.F. Harvey Road (Crescent Road). The site has completed its monitoring period and has met all prescribed hydrologic and vegetative success criteria.

The site was originally constructed as an on-site mitigation project in order to provide mitigation for stream impacts associated with T.I.P. R-2719 Crescent Road. To offset unavoidable riverine wetland impacts associated with T.I.P. R-2719A, the Crescent Road Mitigation Site will be debited 2.02 acres of riverine wetland restoration. To offset the unavoidable Neuse Buffer impacts associated with T.I.P. R-2719A, the Crescent Road Mitigation Site will be debited 200,376 S.F. of Neuse Buffer Restoration. These debits are reflected in the debit ledger below.

Site name	Site TIP	HUC	River Basin	Division	County
Crescent Road	R-2719WM	3020202	Neuse	2	Lenoir

Mitigation Type	As Built Quantity	Available	Debit	Debit
			R-2719	R-2719A
Stream Restoration	2,009	303	1,706	
Riverine Wetland Restoration	3.35	0.75	0.58	2.02
Neuse Buffer Restoration	200,376	0		200,376

The Jeffreys Warehouse Mitigation Site was originally constructed as on-site mitigation for R-1030 US 117 from south of NC 581 in Goldsboro to the US 264 Bypass in Wilson. There are two parcels associated with this mitigation site. The west parcel (approximately 50.2 acres) is bounded on the northwest by the Little River and on the southeast by the US 117 right-of-way. The east parcel (approximately 37.5 acres) is bounded on the northwest by the US 117 right-of-way, on the northeast by a Wayne County Board of Education school bus maintenance shop, and on the east and southeast by private property. The site was constructed in 2006 and has undergone two year of hydrologic and vegetative monitoring.

To offset unavoidable non-riverine wetland impacts associated with T.I.P. R-2719A, the Jeffereys Warehouse Mitigation site will be deducted 2.76 acres of non-riverine wetland restoration. To offset unavoidable Neuse Buffer impacts associated with T.I.P R-2719A, the Jeffereys Warehouse Mitigation Site will be debited 172,387 S.F. of Neuse Buffer Restoration. These debits are reflected in the debit ledger below.

Site name	Site TIP	HUC	River Basin	Division	County
Jefferey's Warehouse (JALO)	R-1030AA	3020201	Neuse	4	Wayne

Mitigation Type	As Built Quantity	Available	Debit	Debit
			B-3528	B-4300
Stream Restoration	3,731	3,193	452(226@2:1)	
Riverine Wetland Restoration	3.66	2.74		
Non-Riverine Wetland Restoration	23.02	20.26		
Riverine Wetland Preservation	12.36	12.36		
Neuse Buffer Restoration	689,607	335,959	75,577	40,075

Debit	Debit	Debit	Debit	Debit
R-2719A	B-4592	B-4304	U-3344A	U-4011
			25	61
		0.92		
2.76				
172,387	16,398	3,653	45,558	

The Southwest Creek Mitigation Site was originally constructed as on-site mitigation for R-2001B the NC 11 Deep Run Bypass from just south of Deep Run Creek to SR 1158 in Lenoir County. The mitigation site consists of two areas. Area one is a 43.1 acre riverine wetland preservation site located along the new alignment of the NC 11 Deep Run Bypass and Southwest Creek. Area two is a 3.61 acre riverine wetland restoration site located at the former NC 11 Bridge over Southwest creek. The associated causeway and road bed were graded to meet the elevations of surrounding wetlands.

To offset unavoidable riverine wetland impacts associated with T.I.P. R-2714A, the Southwest Creek Mitigation Site will be deducted 43.1 acres of riverine wetland. This debit is being taken at a 4.6:1 ratio. This debit is reflected in the debit ledger below.

Southwest Creek	R-2001WM	3020202	Neuse	2	Lenoir
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Mitigation Type	As Built Quantity	Available	Debit	Debit
			R-2001B	R-2719A
Riverine Wetland Preservation	43.1	0		43.1 (4.6:1ratio)
Riverine Wetland Restoration	3.61	0	3.61	