North Carolina Department of
Environment and Natural Resources

ECOSYSTEM ENHANCEMENT PROGRAM

QUARTERLY REPORT

July 22, 2003 – September 30, 2003

NCDENR

This quarterly report is intended to satisfy reporting requirements of the Memorandum of Agreement entered into by the North Carolina Department of Environment and Natural Resources (NCDENR), the North Carolina Department of Transportation (NCDOT), and the United States Army Corps of Engineers (USACE), Wilmington District, on July 22, 2003, for providing compensatory mitigation through the NCDENR Ecosystem Enhancement Program to offset impacts to waters and wetlands due to activities authorized by Clean Water Act permits.

U.S. Army Corps
of Engineers
Wilmington District

Ecosystem Enhancement Program Quarterly Report

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i. Introduction

This report covers the period beginning July 22, 2003 through September 30, 2003. This is the first quarterly report of the Transition Period. The Transition Period allows for conversion from the current Wetlands Restoration Program (WRP) and NCDOT mitigation operations and methods to Ecosystem Enhancement Program (EEP) watershed based operations and methods that will provide mitigation prior to impacts. The report also captures some work that began prior to July 22. During transition, the EEP will provide compensatory mitigation at a ratio requiring at least 1:1 restoration. High quality preservation and enhancement may be accepted to supplement the 1:1 restoration requirement. Preservation is provided at the ratio of 10: 1. Complete transition guidelines and requirements are found in Section IX of the MOA. The transition period will end on July 22, 2005.

ii. Report Structure

This report provides the following information as required in the MOA Section VII, Program Review:

1. Projected impacts by amount, type, and eight digit Cataloging Unit (CU) based on the 7-year anticipated impacts.
2. Mitigation sites acquired by amount, type, and eight-digit CU based on the 7-year anticipated impacts.
3. Mitigation projects that are complete and function, or otherwise available for use pursuant to Paragraph VI.B, of the MOA, by amount, type, and eight-digit CU and implementation status.
4. Mitigation projects that were debited by USACE permit Action ID, amount, type, and eight-digit CU.
5. Net remaining mitigation by amount, type, and eight-digit CU for each complete and function mitigation project.

The report is organized into three main sections.

Section 1 Projected Impacts. Table 1 addresses item number 1 above.

Section 2 Mitigation Project Status.
This section addresses items numbered 2 and 3 above and is organized in the following manner:

Table 2. Restoration Site Status as of September 30, 2003
Table 3: Preservation Site Status as of September 30, 2003
Table 4: Restoration Assets Available
Table 5: Preservation Assets Available

Section 3 Project Accounting.
This section addresses items numbered 4 and 5 above and is organized in the following manner:

Table 6: Mitigation Projects Debited by USACE permit Action ID
Table 7: Net Remaining Mitigation

SECTION 1: PROJECTED IMPACTS

Projected Impacts based on 7-year anticipated impacts

The following table includes the most recent 7-year impact projections for each river basin and CU forecasted by DOT and provided to EEP in May 2002.

Table 1

BROAD RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03050105			
	2002	200	1.00
	2003	80	0.00
	2004	240	3.55
	2005	4,952	3.77
	2006	1,669	1.62
	2007	9,385	8.96
	2008	13,167	9.64

CAPE FEAR RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03030002			
	2002	16,527	17.56
	2003	15,082	13.49
	2004	16,955	10.16
	2005	313	0.09
	2006	24,723	26.81
	2007	5,622	2.44
	2008	4,945	2.74
03030003			
	2002	1,760	1.00
	2003	8,100	4.08
	2004	11,901	3.47
	2005	2,862	4.15
	2006	4,686	2.20
	2007	1,590	0.54
	2008	20,387	37.98
3030004			
	2002	12,714	79.72
	2003	669	0.31
	2004	17,350	21.94
	2005	22,123	17.94
	2006	1,868	0.67
	2007	21,726	37.53
	2008	51	0.33

CAPE FEAR RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03030005			
	2002	4,356	0.20
	2003	0	0.99
	2004	170	1.31
	2005	0	0.00
	2006	765	4.96
	2007	0	0.00
	2008	16,494	25.16
03030006			
	2002	0	1.97
	2003	162	4.52
	2004	78	0.53
	2005	94	0.49
	2006	2,161	0.00
	2007	17,972	80.89
	2008	0	0.00
03030007			
	2002	2,340	104.59
	2003	148	0.87
	2004	29	0.01
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	7,445	66.44

CATAWBA RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03050101			
	2002	10,709	2.22
	2003	17,614	8.21
	2004	910	10.58
	2005	1,180	0.00
	2006	4,647	7.76
	2007	3,098	2.64
	2008	6,988	8.39
03050103			
	2002	0	0.00
	2003	0	0.00
	2004	3,500	1.01
	2005	2,322	1.28
	2006	19,744	21.13
	2007	982	0.52
	2008	0	0.00

CATAWBA RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03050102			
	2002	141	0.00
	2003	0	0.51
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	2,159	2.28
	2008	0	0.00

CHOWAN RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03010203			
	2002	0	0.00
	2003	0	0.00
	2004	100	0.49
	2005	0	0.00
	2006	0	0.00
	2007	1,031	3.92
	2008	2,185	7.13
03010204			
	2002	0	0.00
	2003	0	0.00
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00

FRENCH BROAD RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
06010105			
	2002	1,536	3.58
	2003	473	1.11
	2004	2,205	0.27
	2005	26,453	21.62
	2006	2,653	0.00
	2007	9,334	1.61
	2008	18,802	1.03
06010106			
	2002	250	0.00
	2003	395	0.10
	2004	100	0.00
	2005	0	0.00
	2006	14,579	0.00
	2007	0	0.00
	2008	0	0.00

FRENCH BROAD RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
06010108			
	2002	29	0.00
	2003	80	0.00
	2004	160	0.10
	2005	0	0.00
	2006	32,342	0.14
	2007	0	0.00
	2008	0	0.00

HIWASSEE RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
06020002			
	2002	100	1.00
	2003	5,751	3.07
	2004	60	0.00
	2005	0	0.00
	2006	0	0.00
	2007	5,190	0.00
	2008	0	0.00

LITTLE TENNESSEE RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
06010202			
	2002	0	0.00
	2003	117	0.00
	2004	104	0.00
	2005	0	0.00
	2006	0	0.00
	2007	1,760	0.00
	2008	0	0.00
06010203			
	2002	13,840	0.02
	2003	7,160	1.13
	2004	650	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00

LITTLE TENNESSEE RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
06010204			
	2002	0	0.00
	2003	0	0.00
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	8,303	0.00
	2008	5,284	0.00

LUMBER RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03040203			
	2002	401	0.88
	2003	4,959	18.92
	2004	1,374	7.42
	2005	0	0.00
	2006	10,845	68.65
	2007	2,329	9.83
	2008	2,579	19.70
03040204			
	2002	0	0.00
	2003	0	1.01
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
03040206			
	2002	0	0.21
	2003	0	0.67
	2004	100	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
03040207			
	2002	0	0.20
	2003	0	0.00
	2004	0	4.45
	2005	4,073	12.95
	2006	516	28.30
	2007	0	0.00
	2008	0	0.00

NEUSE RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03020201			
	2002	16,567	39.30
	2003	14,761	16.71
	2004	13,309	23.10
	2005	4,920	16.05
	2006	0	0.00
	2007	2,339	6.32
	2008	10,458	37.54
03020202			
	2002	0	0.00
	2003	0	0.23
	2004	13,531	14.71
	2005	2,626	8.61
	2006	6,618	4.91
	2007	0	0.00
	2008	2,242	27.49
03020203			
	2002	2,327	17.88
	2003	448	37.71
	2004	100	1.26
	2005	20,398	32.01
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
03020204			
	2002	0	5.40
	2003	4,371	22.10
	2004	5,665	184.40
	2005	0	0.00
	2006	1,731	63.64
	2007	781	0.09
	2008	3,436	0.11

NEW RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
05050001			
	2002	0	0.00
	2003	185	0.10
	2004	203	0.26
	2005	102	0.00
	2006	1,989	2.62
	2007	15,141	4.21
	2008	7,741	0.84

PASQUOTANK RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03010205			
	2002	160	29.00
	2003	49,880	69.93
	2004	0	0.00
	2005	3,538	29.49
	2006	2,772	12.39
	2007	0	0.72
	2008	7,131	303.44

ROANOKE RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03010102			
	2002	67	0.00
	2003	52	3.03
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
03010103			
	2002	555	3.84
	2003	150	0.29
	2004	530	0.73
	2005	0	0.00
	2006	0	0.00
	2007	3,118	0.80
	2008	0	0.00
03010104			
	2002	493	0.00
	2003	24	0.43
	2004	420	0.83
	2005	2,899	0.57
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
03010106			
	2002	0	0.00
	2003	0	0.00
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00

ROANOKE RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03010107			
	2002	0	0.00
	2003	100	1.49
	2004	230	1.23
	2005	0	0.00
	2006	613	19.93
	2007	1,515	43.12
	2008	4,973	11.01

TAR-PAMLICO RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03020101			
	2002	100	1.67
	2003	76	0.45
	2004	540	4.08
	2005	0	0.00
	2006	769	0.00
	2007	3,262	2.96
	2008	2,228	2.53
03020102			
	2002	9,070	3.91
	2003	221	7.16
	2004	0	3.75
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00
03020103			
	2002	65	0.20
	2003	2,427	5.63
	2004	200	3.84
	2005	556	4.26
	2006	4,315	43.13
	2007	22,214	25.65
	2008	0	0.00
03020104			
	2002	0	0.00
	2003	5,604	9.36
	2004	0	0.00
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.00

WATAUGA RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
06010103			
	2002	77	0.00
	2003	202	0.00
	2004	0	0.00
	2005	6,548	0.15
	2006	0	0.00
	2007	9,944	1.17
	2008	0	0.00

WHITE OAK RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03030001			
	2002	2,963	5.93
	2003	6,329	12.42
	2004	0	0.85
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	0	0.0
03020106			
	2002	0	0.30
	2003	1,680	11.04
	2004	0	0.68
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	280	8.54

YADKIN RIVER BASIN

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03040101			
	2002	8,754	6.00
	2003	8,823	0.29
	2004	14,833	9.12
	2005	5,774	3.19
	2006	11,739	0.03
	2007	3,488	2.33
	2008	2,502	0.48

YADKIN RIVER BASIN (continued)

CATALOGING UNIT		STREAM IMPACTS Feet	WETLAND IMPACTS Acres
03040102			
	2002	60	0.00
	2003	3,173	3.40
	2004	1,703	0.70
	2005	2,933	0.08
	2006	1,314	0.22
	2007	3,484	2.04
	2008	0	0.00
03040103			
	2002	802	0.00
	2003	8,865	12.97
	2004	53	0.00
	2005	4,621	7.14
	2006	3,453	4.32
	2007	2,272	1.14
	2008	62	0.15
03040104			
	2002	20,814	22.41
	2003	600	0.00
	2004	0	0.00
	2005	0	0.00
	2006	7,510	1.74
	2007	0	0.00
	2008	0	0.00
03040105			
	2002	18,915	10.31
	2003	16,813	11.80
	2004	7,360	39.14
	2005	3,485	0.95
	2006	14,353	8.82
	2007	7,829	15.66
	2008	5,781	0.00
03040201			
	2002	14,813	56.78
	2003	0	0.00
	2004	207	0.85
	2005	0	0.00
	2006	0	0.00
	2007	0	0.00
	2008	1,065	0.00
Totals			
	2002	161,506	417
	2003	185,574	286
	2004	114,869	355
	2005	122,772	165
	2006	178,375	324
	2007	165,866	257
	2008	146,783	571
		1,075,745	**2,375**

End of Table 1

SECTION 2: MITIGATION PROJECT STATUS

Section 2 shows the status of Ecosystem Enhancement Program restoration and preservation mitigation projects. Table 2 looks at restoration project status by river basin and CU. Table 3 looks at high quality preservation projects by eco-region.

Restoration Site Status as of September 30, 2003

Table 2 examines acquired restoration sites by amount, type, and eight-digit CU based on the 7-year anticipated impacts and also shows projects that are complete and functioning or otherwise available for use. CU's that are not listed indicates that no activity occurred this quarter. Status is defined as:

Feasibility: potential project evaluated with regard to feasibility - includes analysis of constraints.

Planning: development of mitigation plan in process - includes initial project design.

Design: development of detailed restoration or enhancement project design underway.

Construction: restoration or enhancement project under construction.

Monitoring: construction complete and monitoring of project success underway.

Table 2

BROAD RIVER BASIN: No activity this quarter.

CAPE FEAR RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03030002	Stephens	stream	4000				Design
03030003	Bear Creek (Phillips Tract)	stream	3850				Design
03030003	Esco	stream	1000				Planning
03030003	Tick Creek (Condoret Tract)	stream	4190				Design
03030003	UT Sandy Creek (Williams & HenryTract)	stream	2780				Planning
03030003	UT to Bear Creek (Phillips Tract)	stream	3100				Design
	03030003 total		*14920*				
03030004							
03030005							
03030006	Roseboro Site	stream	1200		1000		Planning
03030007	Grove Creek	wetland	9.9	10.2	7.6	352	Design

CATAWBA RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration		Creation	Enhance.	Pres.	Status
03050101								
03050102	Potts Creek Bank (DOT)	stream and wetland	4,327 lf.	5.45 ac.	10.44 ac.	0.38 ac.	0.07 ac.	Monitoring
03050102	Hoover Tract (DOT)	stream	1,350			1200		Design
	03050102 str. total		*5,677*			*1200*		
	03050102 wet. total			*5.45*	*10.44*	*0.38*	*.07*	
03050103								

CHOWAN RIVER BASIN: No activity this quarter

FRENCH BROADRIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
06010105	Mud Creek (NCWRP)	wetland	10 (remaining)				Design
06010106							
06010108							

HIWASSEE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
06020002	Trout Cove Branch (NCWRP)	stream	3900				Construction

LITTLE TENNESSEE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration		Creation	Enhance.	Pres.	Status
06010202	Cat Creek (DOT)	stream and wetland	7000 lf.	4 ac				Design
06010202	Tessentee Farm (DOT)	wetland		5 ac				Design
	06010202 str. total		*7000*					
	06010202 wet. total			*9*				
06010203								
06010204								

LUMBAR RIVER BASIN: No activity this quarter

NEUSE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03020201	Moore Property	wetland		45			Planning
03020202	Adkins Branch	stream	10000				Planning
03020202	Casey	wetland		35			Monitoring
03020202	Bear Creek	wetland		88	34	300	Monitoring
	03020202 str. total		*10000*				
	03020202 wet. total			*123*	*34*	*300*	
03020203	Nahunta	stream and wetland	9500 lf.	120 ac.			Planning
03020203	Alexander	wetland		16.5			Monitoring
	03020203 str. total		*9500*				
	03020203 wet. total			*136.5*			
03020204	Stallings	stream	5000				Planning
03020204	Brock	stream	2200				Planning
03020204	Croatan	wetland		1485	2076	399	Monitoring
03020204	Marston (Neu-Con)	stream	6300				Feasibility
	03020204 str. total		*13500*				
	03020204 wet. total			*1485*	*2076*	*399*	

NEW RIVER BASIN: No activity this quarter

PASQUOTANK RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03010205	Dismal Swamp	wetland	252				Monitoring

ROANOKE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03010102							
03010103							
03010104	River Bend	wetland	30	30		20	Planning
03010106							
03010107	Caledonia	stream and wetland	20000 lf.	10 ac.			Feasibility
03010107	Roquist	wetland	90			3500	Feasibility
	03010107 str. total		*20000*				
	03010107 wet .total		*90*	*10*		*3500*	

SECTION 2: Mitigation Project Status, Table 2 continued

TAR/PAMLICO RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03020101	Bear Swamp Creek	stream	1460				Monitoring
03020101	Louisburg	stream	1700				Design
03020101	Billy's Creek	stream	1600				Design
03020101	Harris Tract	stream and wetland	9000 lf.		5 ac.	9000 lf.	Feasibility
	03020101 str. total		*13760*			*9000*	
	03020101 wet. total				*5*		
03020102							
03020103	Grimesland	wetland		80	2	348	Monitoring
03020104	ABC	wetland	97		19		Monitoring
03020104	Bishop Road	wetland	108		159	386	Planning
	03020104 total		*205*		*178*	*386*	

WATAUGA RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
6010103	Hanging Rock (DOT)	Stream	2800		1000		Construction

WHITE OAK RIVER BASIN: No activity this quarter

(Table 2 continued next page)

YADKIN/PEE DEE RIVER BASIN

CU	Site Name	Wetland or Stream	Restoration	Creation	Enhance.	Pres.	Status
03040101	Purlear (surplus)	stream	13000				Monitoring
0304010	Brushy Fork Creek (surplus)	stream	4000				Monitoring
03040101	Pete Carleton Site	stream	3000				Feasibility
03040101	Deep Creek Wetland Mitigation Bank*	stream	5733 (860 avail.)				Monitoring
03040101	Deep Creek Wetland Mitigation Bank*	wetland		35 (5.25 avail)			Monitoring
03040101	Fisher River Mitigation Bank*	stream	475 (71.25 avail.)				Monitoring
03040101	Fisher River Mitigation Bank*	wetland		29 (4.35 avail.)			Monitoring
	03040101 str. total		*26208*				
	03040101 wet. total			*64*			
03040102	Five Mile Branch	stream	15000				Feasibility
03040102	Five Mile Branch	wetland		35	8		Feasibility
	03040102 str. total		*15000*				
	03040102 wet. total			*35*	*8*		
03040103	Valley Fields	stream	10000				Feasibility
03040103	Valley Fields	wetland		2			Feasibility
03040103	Rich Fork FDP**	stream	3000				Construction
03040103	Rich Fork FDP**	wetland			13		Construction
	03040103 str. total		*13000*				
	03040103 wet. total			*2*	*13*		
03040104	Hurley Site	stream	1900				Design
03040104	Hurley Site	wetland		2			Design
03040104	Bishop Site	stream	3400		1700		Planning
	03040104 str. total		*5300*		*1700*		
	03040104 wet. total			*2*			
03040105	Bishop Site Parcel 2	stream				1000	Planning
03040105	Bishop Site Parcel 2	wetland			2		Planning
03040105	Back Creek Church	stream	2800				Feasibility
	03040105 str. total		*2800*			*1000*	
	03040105 wet. total				*2*		
03040201	No Sites Owned.2 RFP submittals rejected.						

End of Table 2

Preservation Site Status as of September 30, 2003

Table 3, examines high quality **preservation** sites that are being acquired or have been acquired, by amount, type, and eight-digit CU based on the 7-year anticipated impacts and also shows projects that are complete and functioning or otherwise available for use. This table is also organized by eco-region to correlate with preservation accounting.

Table 3 Site Status Definitions:
Funded: funds approved by Board of Transportation
Option: option to purchase obtained by State Property Office
Approved: site reviewed favorably by USACE
Acquired: site purchased or easement obtained by State Property Office

Table 3

Eco-region	River basin	Cataloging Unit	Site Name	Preservation Wetland Assets (ac)	Preservation Stream Assets (ft)	Site Status*
Northern Outer Coastal Plain	Roanoke	03010107	Roquist Pocosin (part)	2,388	0	Funded, Option
	Total			**2,388**	**0**	
Southern Outer Coastal Plain	White Oak	03030001	Hancock Timber / Hwy 50	922	54,120	Funded
	White Oak	03030001	Testamentary Tigers	23	6,402	Funded
	Total			**945**	**60,522**	
Northern Inner Coastal Plain	Roanoke	03010107	Roquist Pocosin (part)	1,592	0	Funded, Option
	Total			**1592**	**0**	
Southern Inner Coastal Plain	Cape Fear	03030006	Great Coharrie Creek	4,500	309,319	Funded, Option, Approved
	Total			**4,500**	**309,319**	

Continued next page

Eco-region	River basin	Cataloging Unit	Site Name	Wetland Assets (ac)	Stream Assets (ft)	Site Status*
Central Piedmont	Cape Fear	03030002	Eno River State Park / Wilderness	0	19,787	Funded, Option, Approved
	Neuse	03020201	Eno River State Park / Poplar Ridge		5,400	Funded, Option
	Cape Fear	03030002	Haw River / Duke Forest	0	32,000	Funded, Option, Approved
	Neuse	03020201	Swift Creek	65	0	Funded, Option
	Cape Fear	03030002	Haw River State Park / Phillips	0	3,628	Funded, Option
	Cape Fear	03030003	Justice Tract	0	20,000	Funded, Option
	Total			**65**	**80,815**	
Southern Piedmont	Lumber	03040203	Drowning Creek / Camp Mackall	575	15,679	Funded, option
	Broad	03050105	Broad River Greenway	0	80,000	Funded, acquired
	Broad	03050105	Lone Mountain Tract	0	26,840	Funded
	Total:			**575**	**122,519**	
Northern Mountains	Watauga	05050001	Long Hope Valley / Bald Mountain	0	69,708	Funded
	French Broad	06010105	Sandy Mush (part)	0	55,000	Funded
	Total:			**0**	**124,708**	
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446	Funded, Approved
	French Broad	06010203	DuPont Forest	0	50,000	Funded, option
	French Broad	06010106	Sandy Mush (part)	0	55,000	Funded
	French Broad	06010106	Steigler /Cold Mountain	0	2,825	Funded
	Total:			**0**	**204,271**	

End of Table 3

Restoration Assets Available

Table 4 shows restoration assets available by river basin and cataloging unit (CU). These restoration project assets are the sum of assets available from sites within the same CU that have progressed into the design, construction, or monitoring phase of the project. Preservation assets listed in this table are not counted in the Preservation Assets Available Table because this preservation was obtained through the acquisition-of-restoration mitigation, prior to the Preservation Site Guidelines developed by the USACE for Transition. *River basins and Cataloging Units that have no assets available this quarter are not shown.*

Table 4:
Legend: R= Restoration,C= Creation, E= Enhancement, P= Preservation

RIVER BASIN	Catalog Unit	WETLAND ASSETS Acres				STREAM ASSETS Feet			
		R	C	E	P	R	C	E	P
CAPE FEAR	03030002					4000			
	03030003					11140			
	03030007	9.9	10.2	7.6	352				
CATAWBA	03050102	5.5	10.4	0.4		5677		1200	
FRENCH BROAD	06010105	10							
HIWASSEE	06020002					3900			
LITTLE TENNESSEE	06010202	9				7000			
NEUSE	03020202	123		34	300				
	03020203	16.5							
	03020204	1485		2076	399				
PASQUOTANK	03010205	252							
TAR- PAM	03020101					4760			
	03020103		80	2	348				
	03020104	97		19					

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RIVER BASIN	CATALOG UNIT	WETLAND ASSETS ACRES				STREAM ASSETS FEET			
		R	C	E	P	R	C	E	P
YADKIN/PEE EEP	03040101	9.6				17931			
	03040103		13			3000			
	03040104	2				1900			
WATAUGA	06010103					2800		1000	

End of Table 4

Preservation Assets Available

Table 5 shows preservation assets available by eco-region, river basin and cataloging unit. These preservation project assets are the sum of assets available from sites within the same eco-region that have been funded, have an option to purchase, and have been favorably reviewed by the USACE.

Table 5

Eco-region	River basin	Cataloging Unit	Site Name	Wetland Assets (ac)	Stream Assets (ft)
Northern Outer Coastal Plain				0	0
Southern Outer Coastal Plain				0	0
Northern Inner Coastal Plain				0	0
Southern Inner Coastal Plain	Cape Fear	03030006	Great Coharrie Creek	4,500	309,319
Central Piedmont	Cape Fear	03030002	Eno River State Park /Wilderness & Haw River/Duke Forest	0	51,787
Southern Piedmont				0	0
Northern Mountains				0	0
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446

End of Table 5

SECTION 3: PROJECT ACCOUNTING

Section 3 reconciles the remaining assets available for use within an eco-region, river basin or cataloging unit by looking at mitigation projects that have been accepted against what is available.

EEP Acceptance of Mitigation Responsibility July 23 through September 30, 2003

Table 6 shows projects that have been debited by USACE permit Action ID. All of the sites listed are preservation sites.

Table 6

USACE Notified that EEP has the mitigation	USACE Action ID	TIP Project, County	Site Identified – Associated Assets
September 2003			
17th	200331053 & 200331054	R-2246C, Cabarrus	Drowning Creek (EEP) – 2.2 ac.
17th	200321137	U-2524AB/AC, Guilford	Eno River St. Pk. / Wilderness (EEP) - 19,787 ft. Eno River St. Pk / Poplar Ridge (EEP) – 11123 ft. Haw River / Duke Forest (EEP) - 32,000 ft. Justice Tract (DOT) – 20,000 ft.
19th	200231330	R-0617BA, Lincoln	Broad River Greenway (DOT) – 4,320 ft.
19th	200231069	U-2009B, Cabarrus	Drowning Creek (EEP) – 11.7 ac., 11,410 ft.
19th	200331135	R-0967CB, Stanly	Broad River Greenway (DOT) – 8,630 ft.

Available Preservation Assets After Debits as of September 30, 2003

During the first quarter no restoration sites have been used for mitigation; therefore, **all available assets listed in Section 2C remain**. Table 7 below shows net remaining mitigation from preservation projects that were used in the first quarter and lists the *remaining assets* for the eco-region.

Table 7

Eco-region	River basin	Cataloging Unit	Site Name	Wetland Assets (ac)	Stream Assets (ft)
Northern Outer Coastal Plain				0	0
Southern Outer Coastal Plain				0	0
Northern Inner Coastal Plain				0	0
Southern Inner Coastal Plain	Cape Fear	03030006	Great Coharrie Creek	4,500	309,319 (no debits)
Central Piedmont	Cape Fear	03030002	Eno River State Park /Wilderness & Haw River/Duke Forest	0	51,787 minus 51,787 = 0 (fully debited)
Southern Piedmont				0	0
Northern Mountains				0	0
Southern Mountains	Little Tennessee	06010202	Needmore Tract	0	96,446 (no debits)

End of Table 7

Ecosystem Enhancement Program (EEP)

MISSION

The mission of the Ecosystem Enhancement Program is to restore, enhance, preserve and protect the functions associated with wetlands, streams and riparian areas including but not limited to those necessary for the restoration, maintenance and protection of water quality and riparian habitats throughout North Carolina.

VISION

The Ecosystem Enhancement Program is a model organization that protects, enhances, and restores the ecological function of North Carolina's natural resources through advance mitigation.

PURPOSE

The purpose of the Ecosystem Enhancement Program is to provide a comprehensive, natural resource enhancement program that identifies ecosystem needs at the local watershed level. The EEP further preserves, enhances, and restores ecological functions within the target watersheds while addressing impacts from anticipated NCDOT transportation projects.