

# Ecosystem Enhancement Program Annual Report

2007 - 2008

*"Celebrating Its  
5th Anniversary"*



Restoring... Enhancing... Protecting Our State

State of North Carolina  
Michael F. Easley, Governor

A Partnership of:  
North Carolina Department of Transportation  
North Carolina Department of Environment and Natural Resources,  
and the U.S. Army Corps of Engineers, Wilmington District





## Mission

The mission of the Ecosystem Enhancement Program (EEP) 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.



Partner



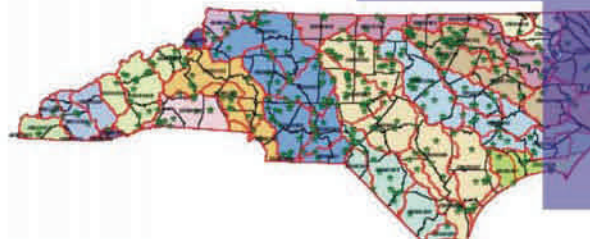
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Grow





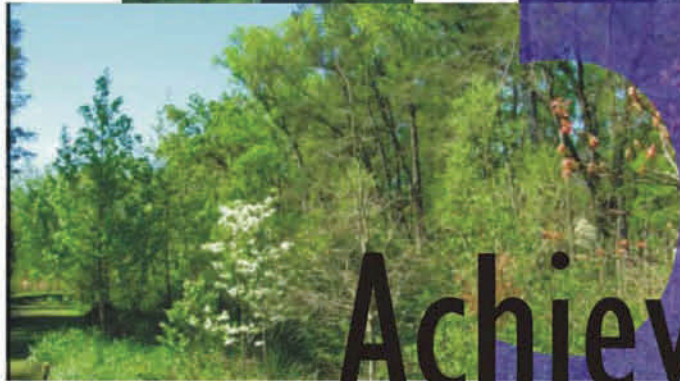
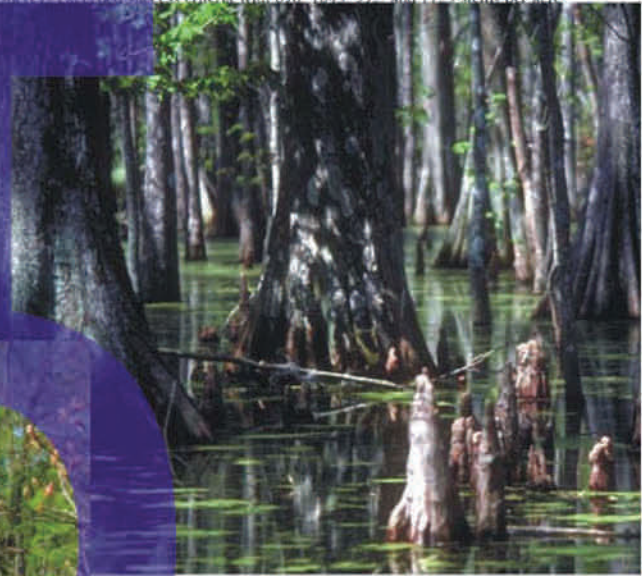
### 3.0 FIVE-YEAR MONITORING ASSESSMENT

In summary, the restoration site achieved success criteria for hydrology and vegetation in the Fifth Monitoring Year (2006). In addition, based on available data the site achieved success criteria for hydrology and vegetation over the entire 5-year monitoring period.

Results from vegetation monitoring showed success criteria with 698, 1043, 992, and 1123 stems per acre present in year 5. No other species were present in year 5.

There are currently no growing species in year 5. Species is not expected to be resulting from the project.

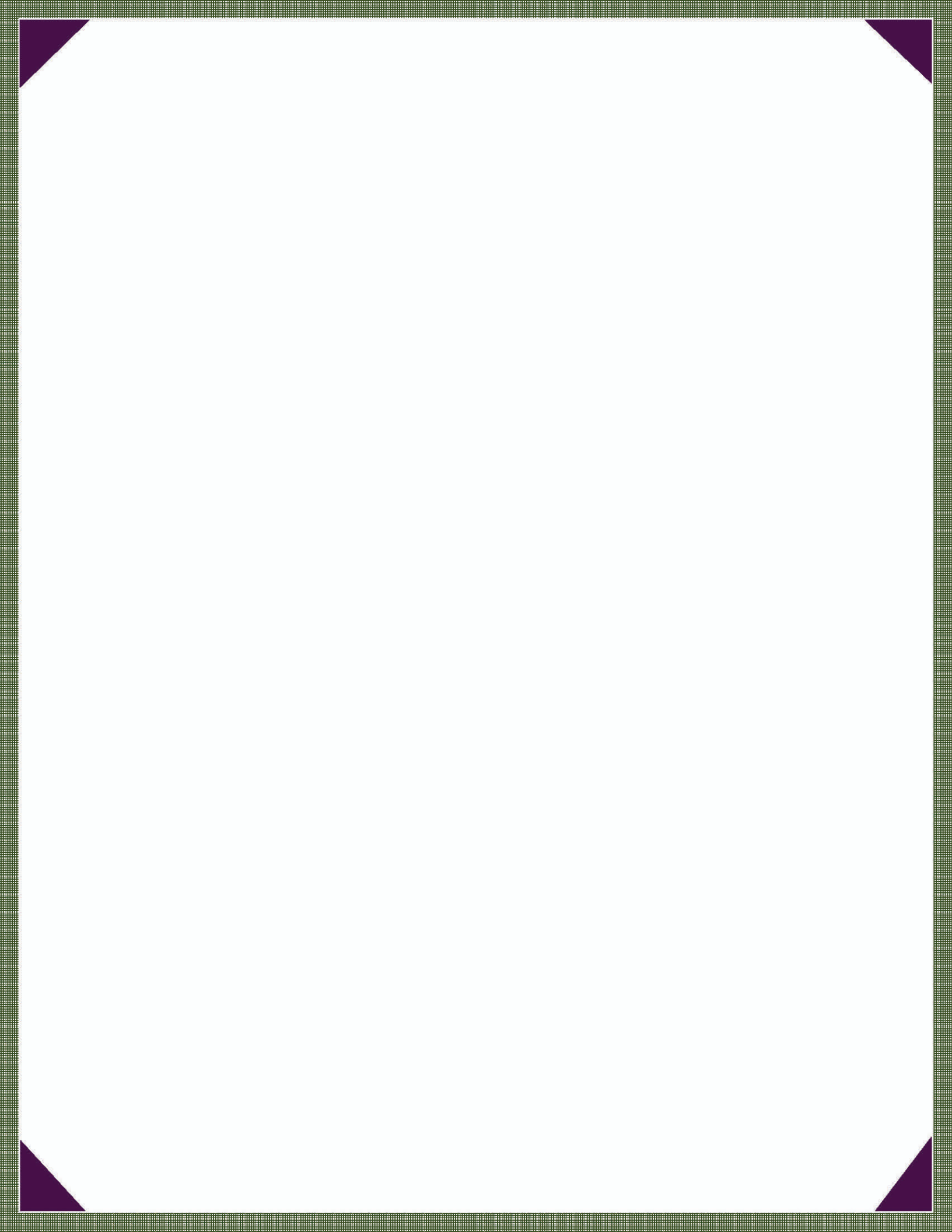
Hydrology was measured in year 5) with minimum percent of the Delineation of vegetation, a successful.



# Achieve Success



On July 22, 2008, the Ecosystem Enhancement Program celebrated its fifth anniversary. Together with our partners, we have planned, designed, built and grown more than 530 stream and wetland compensatory mitigation projects for business and residential private developers, municipalities, schools and the North Carolina Department of Transportation. In the process we also built a nationally recognized, award-winning organization. This annual report is dedicated to our staff and partners, who have been instrumental in accomplishing goals and achieving success.





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## Executive Summary

During its fifth full year of operations in fiscal year 2007-08, the N.C. Ecosystem Enhancement Program (EEP) took on new challenges and continued to register fresh successes in meeting its goals of improving North Carolina's environment while facilitating responsible economic growth for the state and its residents.

EEP continued to collaborate with federal, state and local governments, contractors and willing landowners to provide goods and services, basing its work on a solid foundation of watershed planning that goes beyond mere environmental permitting and compliance. The initiative also extended its record of carrying out its mission without a single transportation-project delay due to the lack of mitigation, helping to move forward more than \$4.8 billion in transportation-infrastructure improvements since becoming operational in 2003.

Key developments in FY 2007-08 included:

- **Responding to changes to federal rules guiding aquatic-resource mitigation.** Under the leadership of the Governor's office, N.C. Department of Environment and Natural Resources (NCDENR) and EEP petitioned the U.S. Office of Management and Budget, the U.S. Environmental Protection Agency and U.S. Army Corps of Engineers (USACE) in late 2007 to promote in-lieu fee programs such as EEP as a method to providing third-party mitigation for public- and private-sector development. The new rule, which became effective in June of 2008, gave recognition to EEP's unique national status and maintained ILFs as a viable option. The rule will require EEP to make operational adjustments and the details of these changes are being evaluated.
- **Securing fee-schedule revisions for the non-NCDOT Stream and Wetland ILF Program.** In July of 2008, a two year process to revise EEP's fees for stream and wetland mitigation came to a conclusion. The increased fees were necessary to offset increased costs for land acquisition, design, construction, maintenance, stewardship and inflation. Information on these new fees can be found at <http://www.nceep.net/pages/fee.htm>.
- **Implementation of Session Law 2008-152, an act to promote compensatory mitigation by private mitigation banks, passed by the General Assembly in July 2008.** The law, which took effect on October 1, disallows the use of EEP's ILF program when credits from a private mitigation bank are available for purchase. EEP supported the development of a document that describes how the Department will implement the law. EEP and DWQ will monitor the effects of the law as a part of its regular reporting requirements to USACE and the General Assembly.
- **Implementation of Session Law 2007-438, an act to establish transitional nutrient offset payments and to direct the Department of Environment and Natural Resources to develop and implement a plan to transition the N.C. Ecosystem Enhancement Program nutrient offset program from a fee-based program to a program based on the actual costs of providing nutrient credits.** In September 2007, the General Assembly established a fee schedule for the Nutrient Offset Program and required that EEP begin the process of converting from a fee schedule system to an actual cost system. The law required EEP to provide progress reports to the Environmental Review Commission in September 2008, March 2009, and implement the plan by September 2009. The September 2008 progress report was presented to the ERC on schedule, and

EEP expects to meet the September 2009 deadline.

- **Working in partnership with NCDENR, NCDOT, USACE and other state and federal agencies to reduce surplus mitigation assets.** As reported last year, an interagency task force came together in August 2007 to begin addressing the issue of surplus mitigation. Since that time the task force was able to agree on provisions to allow some latitude for the application of surplus mitigation on specific highway projects. This group has generated strategies that are expected to eventually reduce an initial surplus of \$197 million to approximately \$40 million. NCDOT, NCDENR and USACE are continuing work to develop and implement ways to further reduce the remaining surplus inventory.

Also during FY 2007-08, EEP has continued to increase the number of projects implemented based on watershed planning. This year, 85 percent of projects implemented by EEP using the Design-Bid-Build delivery process were located in watershed-planning areas (for more information, see section II of this report).

The program continues to achieve very high compliance rates. Compliance for the mitigation program serving NCDOT exclusively (known as the Memorandum of Agreement (MOA) program) is 95.89 percent for streams, 98.80 percent for riparian wetlands, 98.88 percent for non-riparian wetlands and 100 percent for coastal marsh. Within the mitigation program that serves the needs of other developers and the general public (known as the Memorandum of Understanding (MOU) program), 96.7 percent of all requirements were fully met. A statewide status summary of both programs' inventory shows that EEP has 1,534,937 feet of stream assets and 13,118.76 acres of wetlands. The majority of these assets have been prepared in advance of NCDOT permit needs and are ready for use as permits are issued.

The remaining sections in this report describe the current program status. The report is intended to satisfy all reporting requirements as defined in G.S. 143-214.13 and agreements with USACE and NCDOT. EEP anticipates continuing progress in the year ahead on providing a more holistic approach to mitigation, facilitating the delivery of projects that help to drive the state's economy, and restoring, enhancing and protecting the state's wetlands, waterways and natural areas for future generations.

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William D. Gilmore, PE, Director

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Date

## **I: EEP Programs**

The Ecosystem Enhancement Program (EEP) is an initiative within the N.C. Department of Environment and Natural Resources (NCDENR) that improves our environment while facilitating economic development. EEP restores streams and wetlands where the greatest need is by working with local and state partners, including willing landowners. The N.C. Department of Transportation (NCDOT) and other developers voluntarily use EEP to move their projects forward in a timely and affordable manner.

EEP provides mitigation services through four different in lieu fee (ILF) programs:

- 1) The NCDOT Stream and Wetland ILF Program (hereafter referred to in this document as the Memorandum of Agreement (MOA) program);**
- 2) The General Public Stream and Wetland ILF Program (hereafter, the Memorandum of Understanding (MOU) program);**
- 3) The General Public Riparian Buffer ILF Mitigation Program; and**
- 4) The General Public Nutrient Offset ILF Program.**

Eligibility to participate in an EEP program is a joint decision made by the developer, EEP and the regulatory agencies. Each of the mitigation programs operate as an ILF program in which applicants make payments to EEP in lieu of providing mitigation themselves, or by other means. Upon payment, EEP assumes the full legal responsibility for planning, developing and implementing the required types and amounts of mitigation. After successful payment, applicants are no longer liable for the mitigation requirement.

Additional details on these programs are included within this report.

### **1) MOA Program:**

A 2003 MOA among NCDENR, NCDOT and the U.S. Army Corps of Engineers outlines procedures for how NCDOT utilizes EEP as an ILF program for NCDOT's offsite stream and wetland mitigation needs, and specifies performance metrics for the delivery of that mitigation. In February of each year, NCDOT provides EEP with its mitigation request in the form of a forecast of future impacts to aquatic resources for the seven-year Transportation Improvement Program (TIP) list. EEP secures the mitigation needed by NCDOT following protocols outlined in the Tri-Party MOA. EEP uses Fund 2984 to track payments and expenditures for this program.

### **2) MOU Program:**

The general public MOU Stream and Wetland Program provides applicants of Section 404 Permits, Section 401 Water Quality Certifications, and/or Coastal Area Management Act permits the option to satisfy compensatory-mitigation requirements for wetland and stream impacts in all 17 North Carolina river basins through payment into EEP's ILF program. Protocols for mitigation delivery under this program are specified in an MOU between NCDENR and USACE. Payments made into the Stream and Wetland ILF Program are deposited into Fund 2981.



In FY 2007-08, 189 customers made payments into the MOU Program. Stream and Wetland ILF payments totaled \$11,020,380. Of this amount, a total of 159 customers had requirements from both USACE (404) and Division of Water Quality (DWQ) (401), 24 customers had requirements from USACE only and eight customers had requirements from DWQ only.

### **3) Riparian Buffer ILF Mitigation Program:**

The Riparian Buffer ILF Mitigation Program is an option to meet compensatory-mitigation requirements associated with riparian-buffer impacts in the Neuse, Tar-Pamlico and Catawba river basins, and the Randleman Reservoir watershed in the upper Cape Fear River basin. Payments are made to the Riparian Buffer Restoration Fund (Fund 2982) according to the regulatory schedule of fees for buffers.

In Fiscal Year 2007-08, EEP received payments for 1,184,056 square feet (27.18 acres) of buffer mitigation. At the close of the fiscal year, EEP had accepted responsibility for 506.06 acres of buffer-mitigation requirements cumulatively since the program's inception in the Cape Fear, Catawba, Neuse and Tar-Pamlico River basins.

### **4) Nutrient Offset ILF Program:**

The Nutrient Offset Program is an option to meet compensatory mitigation requirements associated with nutrient-offset requirements in the Neuse and Tar-Pamlico River basins. Payments made into the Nutrient Offset ILF Program are deposited into Fund 2981-9829.

During FY 2007-08, nutrient-offset payments were made by 338 customers located in the counties of Durham, Franklin, Johnston, Nash, Pitt, Wake and Wayne, and the municipalities of Cary, Durham, Garner, Goldsboro, Greenville, Havelock, Kinston, New Bern, Raleigh, Rocky Mount, Tarboro, Washington and Wilson. These payments were for 293,850.01 pounds of nitrogen reduction and 715.74 pounds of phosphorus reduction.

**Figure 1. Map of NC River Basins**



## II: Watershed Planning and Project Implementation

EEP's enabling legislation (NC 143-218.8), its Tri-Party MOA and the new federal compensatory-mitigation rules on compensating for losses of aquatic resources (33 CFR Parts 325 and 332, and 40 CFR Part 230) require EEP to implement watershed planning-based restoration and preservation projects. These requirements reflect the widely held position of water resource professionals that projects based on watershed planning will provide the best environmental return on investment. Therefore, an important focus of EEP continues to be the implementation of watershed restoration and preservation projects based on environmental needs identified through watershed planning. This is accomplished through high-level and detailed planning initiatives and the coordination of project implementation in accordance with planning outcomes. EEP conducts two main types of watershed planning:

- 1) River Basin Restoration Priority Planning (high-level river basin/eight-digit CU scale); and
- 2) Local Watershed Planning (detailed level, small watershed scale).

The products of EEP's planning efforts are used to direct mitigation resources to areas of need. For reasons outlined in Section V of the 2006-2007 annual report ([http://www.nceep.net/news/annualreport/2007/EEP\\_Annual\\_Report\\_2006\\_2007.pdf](http://www.nceep.net/news/annualreport/2007/EEP_Annual_Report_2006_2007.pdf)), not all EEP projects implemented in the first five years of the program have been watershed planning-based projects. However, EEP's goal is to implement all program projects in targeted watersheds. This year EEP continued to make great strides toward this goal through its Design-Bid-Build (DBB) project-delivery process. Projects generated through EEP's Full Delivery (FD) program have not shown the desired level of congruence with planning targets. Consequently, in order to promote improvement in this area, EEP recently changed its approach with regard to FD project development. Where possible, EEP is only accepting projects contained within watershed targets instead of providing incentives related to technical ratings for project proposals within watershed targets. EEP will assess the success of this approach and determine whether the stated goals are being reached and whether additional adjustments are necessary.

This section describes the status of EEP watershed-planning methods and assesses how well the program's project implementation corresponds with watershed priorities. It also summarizes a survey conducted of participants in EEP Local Watershed Planning initiatives. EEP strives to have local watershed plans and associated recommendations fully implemented. Toward that end, EEP continues to work with local stakeholders and funding programs to ensure that the plans not only generate projects to satisfy mitigation needs, but also serve as a resource for communities working to implement watershed improvements. This section highlights key partnerships with state and local entities which are vital to EEP's watershed-planning focus for project implementation, which maximizes mitigation investments for the benefit of the state's natural resources.

## **WATERSHED PLANNING**

The purpose of watershed planning is to determine the best locations for watershed-restoration projects based on analysis of watersheds' needs for restoration and protection. Simply put, it is putting watershed restoration and preservation projects where they are most needed. This is done by conducting two types of planning – River Basin Restoration Priority (RBRP) planning and Local Watershed planning. For more information about EEPs watershed planning, including watershed plan products searchable by county or river basin, go to: <http://www.nceep.net/pages/lwplanning.htm>.

### **River Basin Restoration Priority Plans**

RBRP planning is conducted in each of the 17 river basins in North Carolina. The purpose of RBRP planning is to identify through data analysis and field verification those watersheds that exhibit a combination of local resources, problems and opportunities, and therefore serve as Targeted Local Watersheds (TLWs) to focus project implementation by EEP and other entities. TLWs represent those watersheds where restoration or protection is most needed—for instance, watersheds that include streams with impaired water quality and degraded habitat are often targeted. More information on EEP's RBRP planning process is available through EEP's Policy, Process and Procedures Manual: <http://www.nceep.net/abouteepp/PPPM2/Policies%20and%20Procedures/PLN.PRO.02.01.01.pdf>

EEP's enabling statute requires that the RBRP planning takes place based on DWQ's Basinwide Planning update schedule. DWQ has changed its model for updating basinwide watershed plans from once every five years to a continuous update of a Web data layer with a biannual written report. EEP is adjusting procedures to deliver river-basin planning products within the biannual timeframe.

The RBRP plans incorporate water quality information from DWQ Basinwide Assessment Reports and Water Quality Plans, as well as input from local resource agency professionals and the location of existing or planned watershed projects. RBRP Planning updates also take advantage of newly acquired watershed datasets produced by the N.C. Center for Geographic Information and Analysis (CGIA) that profile the assets, problems and baseline conditions of watersheds statewide. RBRP planning documents are posted on the EEP Web site, searchable by river basin or county: <http://www.nceep.net/pages/lwplanning.htm>.

In FY 2007-08, EEP completed the Little Tennessee RBRP planning and updated portions of the Catawba and Yadkin River Basin Restoration Priority Planning documents. The Chowan, Catawba and Yadkin basins were scheduled to be completed in December 2007, but have been postponed until December 2008 in order to incorporate the new CGIA datasets. The data will also be used to update RBRP planning documents in 2008-2009, including the Broad, Cape Fear, Hiwassee, Lumber, New, Pasquotank, Roanoke, Savannah, Watauga and White Oak.



### **Local Watershed Plans**

Local Watershed planning merges TLWs identified in RBRP planning with anticipated mitigation needs to determine where future mitigation investments can provide the greatest benefit for the State of North Carolina. The development of a Local Watershed Plans (LWP) is typically a four-phase process: Preliminary Watershed Characterization (Phase I), Detailed Assessment (Phase II), Development of a Watershed Management Plan including identification of potential project sites within a Project Atlas (Phase III) and Implementation of the Plan (Phase IV). However, rapid or abbreviated plans are also utilized when the mitigation-compliance timeline is compressed, the mitigation needs are insufficient to justify an extensive planning investment, or detailed analyses are not necessary to identify the most ecologically beneficial projects.

EEP watershed planners are responsible for evaluating data and local resources to identify watersheds that demonstrate both the need for functional uplift and existing restoration opportunities to satisfy mitigation needs. Detailed watershed evaluations are conducted through the use of internal and external resources. External resources include private environmental planning and engineering firms, DWQ, CGIA and various not-for-profit organizations. Watershed planners coordinate with local resource professionals, state and federal agencies, private consulting firms and EEP project managers in the development and implementation of LWPs.

EEP staff is continuing work on LWPs across the state. Nine plans are underway and in various stages of development and expected to be completed later in 2008 or 2009. Appendix A(iii) presents a summary of ongoing LWPs; these are efforts that haven't yet resulted in a final Watershed Management Plan or Project Atlas (listing of identified restoration opportunities), but will do so within the next six to 18 months. Fact sheets summarizing EEP's Local Watershed planning efforts and links to associated reports are available on EEP's Web site: <http://www.nceep.net/pages/lwplanning.htm>.

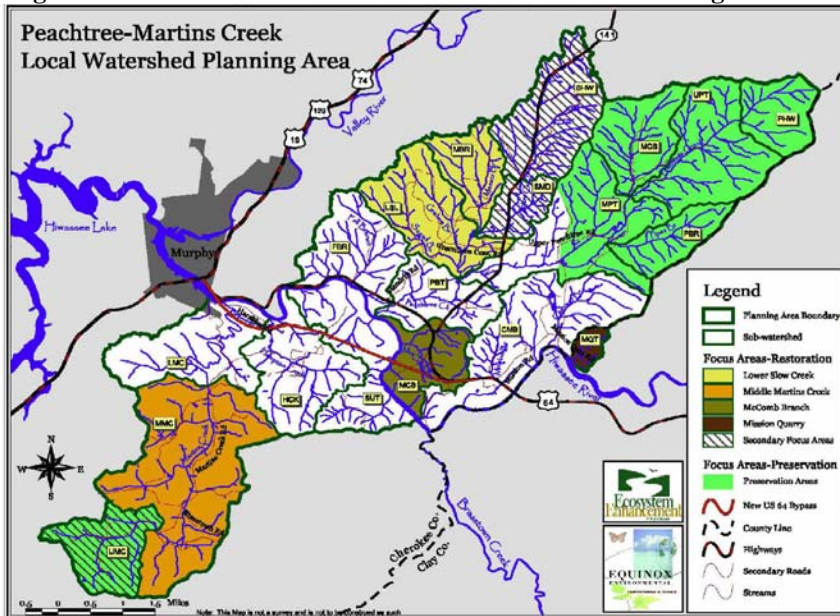
### **Completed Local Watershed Plans**

LWPs are defined by EEP as complete at the end of Phase III with the production of a Watershed Management Plan and Project Atlas. To date, EEP has completed 27 watershed plans through Phase III. Phase IV focuses on outreach and implementation of projects derived from LWPs and is therefore an ongoing process. LWPs are designed such that they result in a suite of watershed-restoration recommendations, including but not limited to mitigation opportunities that can be implemented by a myriad of public and private entities over an extended period of time. Therefore, while EEP's involvement in implementation ebbs and flows based upon mitigation needs, many other entities continue to pursue recommendations and projects that result from the Local Watershed planning process. EEP is actively pursuing projects identified in many plans, previous and current, in an effort to satisfy mitigation needs. To date EEP has implemented 51 projects worth more than \$43 million in Local Watershed planning areas. (See Appendix A for a list of those projects).

EEP completed three Local Watershed planning efforts in FY 2007-2008: Peachtree-Martins Creek LWP in the Hiwassee 02 CU, Cove Creek LWP in the Broad 05 CU and

Lockwoods Folly LWP in the Lumber 07 CU.

**Figure 2. Peachtree-Martins Creek Local Watershed Planning Area**



Project fact sheets summarizing efforts on each of these plans and links to the corresponding planning documents are included in Appendix A. A summary of all LWPs completed to date and the status of Phase IV efforts is also included in Appendix A. Current information on EEP's Local Watershed planning efforts is available on EEP's Web site by river basin or county: <http://www.nceep.net/pages/lwplanning.htm>.

## New Local Watershed Planning Initiatives

This year EEP began work on four new Local Watershed planning initiatives: Indian/Howards Creek LWP (Catawba 02 CU), Franklin to Fontana LWP (Little Tennessee 02 CU), Ararat River LWP (Yadkin 01 CU) and Goose Creek LWP (Yadkin 05 CU). Fact sheets summarizing current planning activities for each of these plans are included in Appendix A and available on EEP's Web site. EEP identified one new LWP initiative in Cape Fear 06 CU to begin in FY 2008-09 based on forecasted NCDOT mitigation needs.

## Local Watershed Planning Survey Summary

In July 2008, EEP surveyed participants in its Local Watershed planning to gauge how well the plans are meeting the restoration and protection needs of EEP and local communities. LWPs provide an important function within EEP by identifying potential stream- and wetland- mitigation projects, but their utility extends beyond this program to communities that adopt and implement the recommendations included within the plan. EEP surveyed stakeholders of completed and in-progress LWPs to determine the types of activities occurring in Local Watershed planning areas that support improvement and protection of watersheds. Survey participants included local government representatives, resource professionals, private consultants and regulatory agencies, among others. EEP also conducted follow-up phone interviews with stakeholders willing to provide further

input on their Local Watershed planning involvement. A summary of survey results is included in Appendix A.

Using a Web survey tool, EEP sent a 14-question survey to 230 LWP stakeholders. EEP received 42 completed surveys, an 18-percent response rate. Of those that responded, 89 percent felt that the local watershed planning process was successful or somewhat successful in identifying the needs of the watershed. Sixty-seven percent of stakeholders indicated that they have been able to use the products of the LWP, most notably the watershed-management plan, water-quality data and restoration targeting.

Survey results and follow-up interviews indicate that stakeholders continue to benefit in Local Watershed planning areas by successfully pursuing grant funding to implement plan recommendations. Stormwater management, land preservation, riparian-buffer reforestation, agricultural best management practices (BMPs), and citizen outreach are highlighted activities implemented by survey respondents. Funding sources for these activities include 47 percent from the N.C. Clean Water Management Trust Fund (CWMTF), local funding sources (30 percent), Agriculture Cost Share Program (27 percent) and Section 319 grants (25 percent). In addition, 20 percent of participants stated that they are implementing watershed-improvement ordinances such as buffer requirements and stormwater runoff policies.

Suggestions for improvement of the Local Watershed planning process included incorporating landowner involvement earlier within the planning process to increase the probability of implementing watershed-improvement recommendations. Participants also expressed concerns about the amount of time required to produce a plan. Overall, survey participants responded favorably to the Local Watershed planning process, with 77 percent stating that they would partner again with EEP on a Local Watershed planning effort (the remaining respondents were: "Yes, if things were changed" [five respondents], "No" [one respondent], "N/A" [three respondents]), with two not responding.

## **PROJECT IMPLEMENTATION**

The primary purpose of EEP is to produce watershed restoration and preservation projects (stream, wetland, stormwater and other BMPs) that meet regulatory mitigation requirements with respect to type, quality and compliance schedule in the most cost-effective way, while maximizing environmental return for the State of North Carolina. The maximization of environmental returns from implemented projects is achieved through the watershed-planning-based approach.

EEP utilizes DBB and FD project-delivery methods to implement projects. Both of these project-delivery methods have been, and continue to be, critical to EEP's success in meeting mitigation needs throughout the state. For more details on the different project delivery methods and the responsibilities of EEP staff for each, see Section V of the FY 2006-07 Annual Report:

[http://www.nceep.net/news/annualreport/2007/EEP\\_Annual\\_Report\\_2006\\_2007.pdf](http://www.nceep.net/news/annualreport/2007/EEP_Annual_Report_2006_2007.pdf)

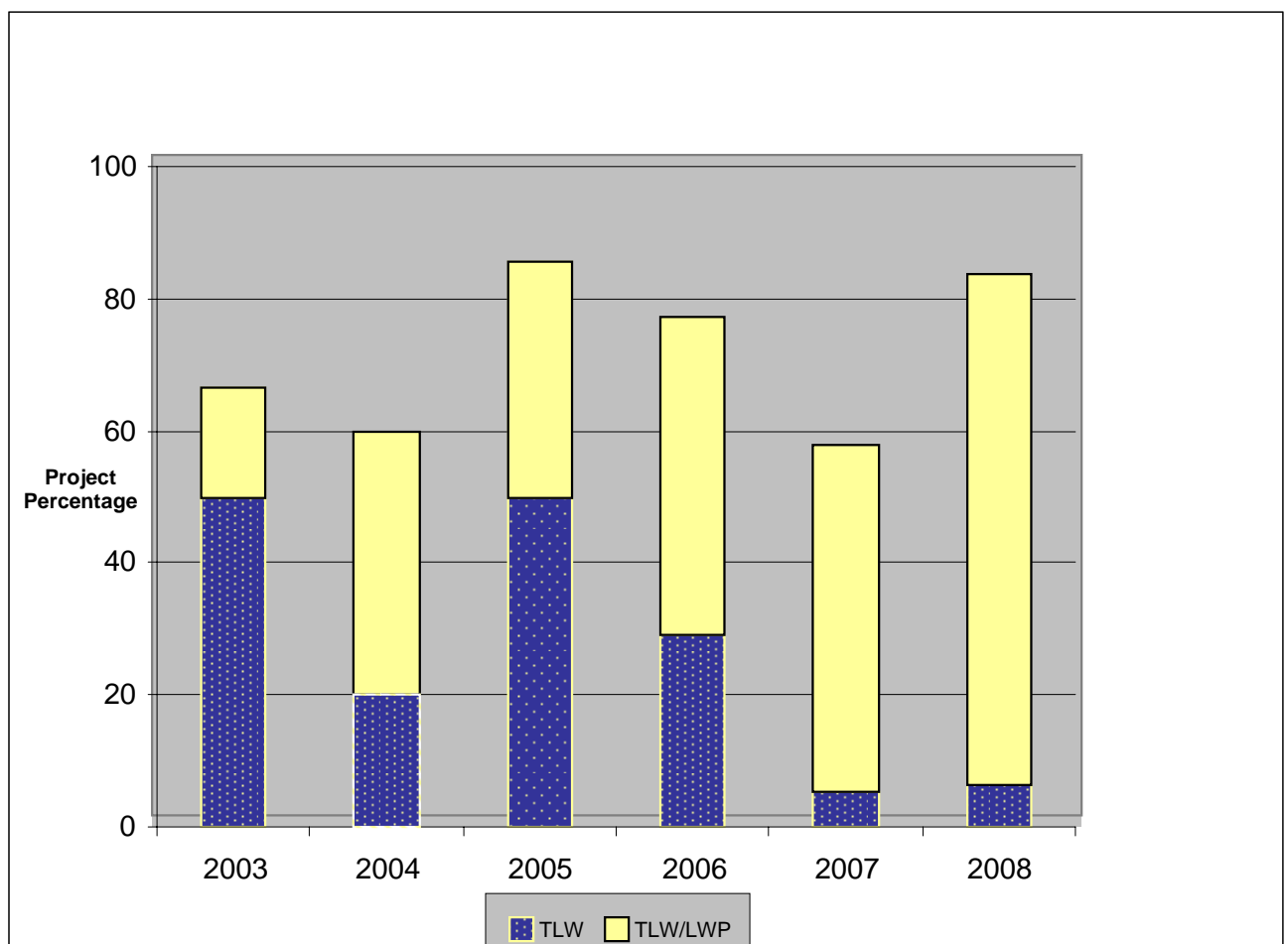
## **SYNERGIES BETWEEN WATERSHED PLANNING AND PROJECT IMPLEMENTATION**

The foundation of comprehensive watershed restoration and protection is watershed planning. As EEP matures, more of the program's restoration projects are correlated to watershed goals. While a large amount of the mitigation credits currently managed by EEP are reflective of watershed plans and targets, not all of the projects in the program are synchronized in this manner due to a number of factors, including projects that were developed prior to the establishment of EEP, advanced mitigation timeline requirements and reductions in MOA program mitigation needs. For more detailed information regarding these factors see Section V of the FY 2006-07 Annual Report:

([http://www.nceep.net/news/annualreport/2007/EEP\\_Annual\\_Report\\_2006\\_2007.pdf](http://www.nceep.net/news/annualreport/2007/EEP_Annual_Report_2006_2007.pdf)).

For many of the reasons outlined in the FY 2006-07 Annual Report, EEP has continued to increase the percentage of projects implemented in watershed-planning areas utilizing the DBB process. This year, 85 percent of projects implemented by EEP using the DBB delivery process were located in watershed-planning areas (See Figure 3). Fourteen percent of the projects derived using the FD process were located in watershed-planning areas.

**Figure 3. Percentage of EEP Design Bid Build Projects Located in Planning Areas**





EEP is committed to watershed-planning-based project delivery. However, as described above, there are circumstances when EEP does allow and will continue to allow (for both DBB and FD) projects outside of the watershed-planning targets when the environmental justification for such projects is substantial and consistent with watershed-planning principles. Regardless, EEP in part measures performance through statistics that describe how closely project locations line up with planning targets. The following figures illustrate the synergies that have been achieved in the DBB program for wetland and stream projects.

Figure 4. Design Bid Build Wetland Credits

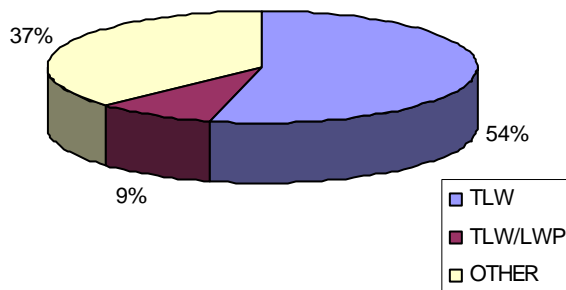
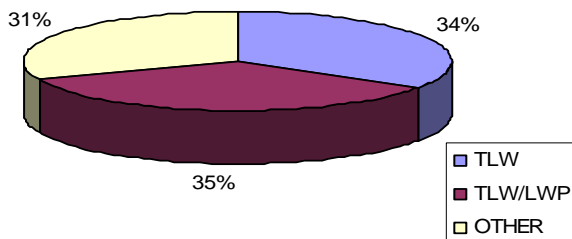


Figure 5. Design Bid Build Stream Credits



Projects delivered through the FD program have not been as consistent with watershed-planning targets as would be desired (31 percent of wetlands credits and 26 percent of stream credits generated through FD procurement are contained within TLWs). EEP is committed to improving the congruence of FD projects and watershed-planning targets. In the last few years, EEP has increased the number of points given to a project that is in a watershed planning area during the technical review of Requests for Proposals (RFPs). EEP has found that this incentive-based approach has not yielded the desired results. Therefore, in the most recent round of RFPs, EEP employed a new strategy in some areas that required that FD projects be located in TLWs in order to be

considered for contracting. EEP will analyze the results of the new approach and meet with FD providers to discuss those results. EEP continues to pursue the improvement of both procurement processes with the goal of maximizing watershed-planning-based outcomes.

## **COLLABORATIVE PARTNERSHIPS**

EEP relies heavily on collaborative partnerships with local, state and federal entities to fulfill its mission of producing high-quality, cost-effective restoration and preservation based on watershed planning. Local governments often provide invaluable input in the watershed-planning and implementation process with respect to technical and local knowledge, landowner contacts, donation of easements and implementation of non-EEP funded watershed-restoration projects. State agency partnerships provide resources, technical and local knowledge, landowner contacts, shared data, watershed restoration and preservation partnerships and contracting capabilities. This section highlights a few of those collaborative partnerships.

### **Local Governments/Municipalities**

EEP staff collaborate with local governments on a daily basis. This communication has resulted in valuable partnerships that benefit both EEP and local stakeholders with respect to technical capabilities, shared data, policy and technical guidance, and project implementation. Often, the most degraded watersheds exist in urbanized or developing areas where land costs are high and project design and/or construction is complicated. Collaborative efforts allow local partners to address watershed-management challenges in their area and provide EEP with the tools needed to implement cost-effective projects where they are most needed. EEP has partnered on more than 30 projects with 17 governments, including the City of Durham, Mecklenburg County, the Town of Mooresville, the City of Kinston and others (see Appendix A). These partnerships have resulted in the restoration and protection of more than 18 miles of stream and 50 acres of wetlands worth over \$32 million. In addition, watershed-planning efforts have provided local governments with the ability to leverage grant monies from Section 319, CWMTF and other funding sources in pursuit of the implementation of stormwater BMPs, land protection and watershed-coordinator positions.

### **State and Federal Partnerships/Collaboration**

#### **Clean Water Management Trust Fund**

As recommend in the 2007 Dye Management Report

([http://www.nceep.net/pages/DYE\\_2007\\_EEP\\_CWMTF\\_Study\\_Final\\_Report.pdf](http://www.nceep.net/pages/DYE_2007_EEP_CWMTF_Study_Final_Report.pdf))

prepared for the North Carolina legislature, EEP and CWMTF are continuing to increase coordination on enhancement and restoration efforts. In CWMTF's 2008 grant application cycle, EEP staff assisted CWMTF field representatives with field reviews of proposed restoration projects. EEP staff also performed a review of all 2008 applications to determine if projects occurred in watershed-planning areas, and if so, wrote letters of support for those projects.

In addition to the above efforts, EEP and CWMTF are partnering within three watersheds located in different regions of the state: Big Harris Creek (Broad basin), Upper Rocky River (Yadkin basin), and Upper Neuse (Neuse basin). EEP/CWMTF project teams will work together to develop recommendations on strategies that address aquatic-resource issues through innovative project partnerships, educational outreach, and community support of watershed issues. These recommendations will be presented to EEP and CWMTF program executives. The goal is to augment each program's resources, both time and financial, to achieve targeted watershed benefits.

#### **Division of Soil and Water Conservation**

In August 2007, EEP signed a contract with the Division of Soil and Water Conservation (DSWC). By partnering with the DSWC, EEP is able to work with local Soil and Water Conservation Districts (SWCDs) throughout the state on stream- and wetland-restoration projects. Local SWCDs provide an important resource through their knowledge of farm management strategies and agricultural BMPs as well as their relationships with landowners within the watershed. In FY 2007-08, EEP funded more than \$100,000 of

agricultural BMPs, including cattle-exclusion fencing, wells and watering troughs in association with stream-restoration projects, and has scoped an additional \$300,000 on additional projects. By partnering with SWCDs, EEP is able to restore degraded systems, directly address sources of pollution and help ensure long-term project success while furthering the water-quality improvement goals of both EEP and DSWC.

### **United States Geological Survey**

EEP continued its cooperative support for U.S. Geological Survey (USGS) gauging station data collection in two of its LWP areas--Fishing Creek in the upper Tar-Pamlico River basin and White Oak in the White Oak River basin. The data from these stations are used for integrated interpretation of instream conditions in conjunction with benthic macroinvertebrate community data, fish community data, ambient water quality data, chemical water quality data, toxicity bioassay data, and in some cases for water quality and quantity model calibration. These data are collected as a part of the USGS's national network of gauging and water-quality monitoring stations. Specific data from the Fishing Creek and White Oak gauging stations were analyzed and presented at the 2007 N.C. Water Quality Forum held in Charlotte, as part of other ongoing research projects.

### **Natural Heritage Program**

With funding provided by EEP, the N.C. Natural Heritage Program (NHP) completed a statewide analysis to identify areas of high-quality habitat important to species sensitive to landscape integrity. These high-quality habitats, or core areas, are primarily identified based on functional considerations – response of species to habitat fragmentation – rather than on rarity or, in the case of natural communities, exceptional quality.

Using data that included GIS, aerial imagery and species information, NHP identified core areas that indicate where target species groups, or guilds, reside. The analysis also identifies inter-core area connectors that serve as links between core areas and are likely to support dispersal by guild members. Overall, NHP mapped 267 core areas, covering 15,483 square miles of priority habitat and a total of 83 inter-core connectors.

With the completion of the assessment, EEP gains an important tool to enhance both its LWPs and RBRP planning. For LWPs, the assessment provides a means of ranking conservation priorities for project implementation. For RBRPs, the assessment informs planners of the abundance of quality and high-functioning forest and wetland habitat within a river basin. This information is critical to gauging the assets that are present within a river basin and, because the data is to be complete statewide, is ideal to compare habitat quality in all of the state's river basins.

### **North Carolina Wildlife Resources Commission**

In January 2006, the N.C. Wildlife Resources Commission (WRC) and EEP entered into an MOA to establish a working relationship between the agencies. The WRC agreed to complete stream- and wetland-associated restoration work, maintenance, monitoring and research activities at specific, unique mitigation sites managed by EEP. EEP recognizes that WRC is uniquely qualified to provide these services because of its responsibilities and experience managing North Carolina's fish and wildlife resources. To formalize the

agreement, WRC entered into a formal contract with EEP that covers the period from Jan. 9, 2006 to Jan. 8, 2009.

To date, EEP has tasked WRC with a variety of projects, including restoration and maintenance activities. In FY 2007-08, WRC had 11 active assignments, two of which were new authorizations, and WRC completed work on one request. EEP has placed a major emphasis on closing out projects constructed under WRC's previous agreement with NCDOT and now assumed by EEP. These projects are all scheduled to be closed out by the end of 2009.

### **North Carolina Division of Water Quality Section 319 Grant Program**

The Nonpoint Source Program of DWQ administers the Section 319 Grant Program, which funds local jurisdictions and nonprofit organizations (such as universities and environmental education partnerships) to restore impaired waters and improve management of problems such as stormwater runoff. EEP participated in the review of applications to the Section 319 Grant Program by scoring proposals and attending interviews with applicants in person.

In addition, EEP received Section 319 funding to implement a stormwater BMP project in association with a 3,000-foot stream restoration project. The Dye Branch Project, located in Iredell County, was identified as part of the Upper Rocky River/Clarke Creek LWP and is located in an urban watershed that receives large amounts of stormwater runoff. EEP completed the BMP installation in 2006 and is working with NCSU and DWQ to collect water-quality data to evaluate the effectiveness of nutrient removal. Construction of the stream-restoration project was completed in July 2008.

### **Additional Watershed Management Partnerships**

- Several stakeholder groups that have worked or are currently working with EEP LWP initiatives in Western North Carolina have utilized LWP products to support their CWMTF applications for various non-mitigation watershed projects. CWMTF grant awards approved in the summer of 2008 include the following [note: name of associated LWP effort in brackets]:
  - Acquisition of riparian-buffer tracts in the Wilson Creek watershed (upper Catawba basin) by the Foothills Conservancy [consistent with goals of the Lake Rhodhiss regional watershed planning effort, of which the Lower Creek LWP is a part];
  - Stormwater master planning and BMPs for the Town of Sparta in Alleghany County (New River basin), as identified in the Bledsoe Creek Watershed Management Plan [Little River and Brush Creek LWP];
  - Funding of agricultural BMPs for water quality improvement in the upper Yadkin River basin, to be implemented by the DSWC [Ararat River and Kerr Scott Reservoir LWPs];



- Planning monies for development of the Ararat River Corridor Conservation & Greenway Plan (Surry County), to be administered through the Northwest Piedmont Council of Governments [Ararat River LWP];
- Restoration planning for the Town Creek watershed, in Clay County, to be implemented by the Hiwassee River Watershed Coalition [Peachtree-Martins Creek LWP]; and
- Little Tennessee stream- and riparian-restoration program, to be implemented by the Macon County Soil and Water Conservation District [Franklin to Fontana LWP].

These CWMTF grant awards total more than \$6 million. Additional funding decisions for EEP-supported watershed grants will be made in November 2008.

- EEP partnered with U.S. Fish and Wildlife Service, WRC, NCDOT, and others in performing a collaborative study of fish passages in streams that drain to the Little Tennessee River near the Needmore area. A preliminary list of likely impassable road and driveway stream crossings was developed. Problematic crossings will be further evaluated and prioritized for replacement. Project partners have already received funds to replace one to two priority crossings.
- EEP has continued to work with the Lower Creek Advisory Team to implement watershed restoration strategies for the Lower Creek watershed. The Caldwell and Burke County SWCDs applied for and received a Section 319 grant to fund a Lower Creek Watershed Coordinator for the next three years.
- EEP continues to pursue non-traditional wetland mitigation credit in the Catawba 03050103 CU. The purpose of the effort is to seek a flexible mitigation approach, allowing EEP to receive credit for implementing BMPs that provide similar benefits to a natural wetland in a watershed where traditional wetland-restoration opportunities are severely limited.
- NCSUs Watershed Education for Communities and Officials received \$199,000 in EPA Section 319 grant funds to pursue conservation and restoration in Rocky River, an EEP LWP area where the plan was completed in 2005.
- EEP participated in a multi-party MOU to support the Chatham Conservation Partnership (CCP). EEP entered into this partnership to work creatively with other CCP participants to meet Chatham County's conservation needs. CCP began in 2007 as a proactive approach to better plan for growth in the county. EEP's Cape Fear Rocky River LWP is located in western Chatham County.
- Chapel Hill and Carrboro partnered to receive \$370,000 in Section 319 grant funds to support restoration and BMP implementation in Bolin Creek, a subwatershed within the Morgan and Little Creek LWP area.

## **Environmental Education and Outreach**

EEP staff participated in a variety of opportunities for environmental education and outreach during the past fiscal year, and participated with ongoing efforts of the NCDENR Education and Outreach Working Group. In June, EEP personnel hosted the cast and crew of *Aquakids*, an award-winning TV show for young teens broadcast into 100 million households nationwide. The Baltimore-based show concentrates on water-quality issues for its programming, and approached EEP about filming a segment in North Carolina. For the episode, EEP staff took the *Aquakids* contingent to three sites in central North Carolina to demonstrate the impacts to water quality from livestock accessing rural streams, and EEP's restoration efforts in such circumstances. The episode is scheduled to air in late 2008 and may lead to further collaborations in the future.

EEP continued to build upon efforts to engage and educate schools located near EEP restoration projects. EEP promoted Project WET (Water Education for Teachers), an international program that distributes classroom-ready teaching aids to K-12 instructors. The materials promote responsible stewardship through an interdisciplinary water science and education program on water resources. EEP mitigation sites serve as excellent outdoor classrooms for multiple teaching components.

EEP also continued to improve its Web site, launching a series of updates and reconfigurations in December in response to user input to an on-line survey. EEP is also making progress toward the implementation of a GIS-based web portal in the coming months. The improvements are designed to satisfy the desire of the regulatory community for simple access to EEP restoration and monitoring plans and eventually will be available to the general public. EEP staff is developing voice-thread Web sites (collaborative, multi-media slide shows that invite public input) for mitigation projects, promoting online interaction between EEP and individuals interested in learning more about EEP projects.

Finally, as a part of the program's daily work processes, EEP continued to educate landowners and municipal, county and state personnel about the program. Education efforts also included presentations and exhibits for legislative committees, civic clubs, the N.C. State Fair and public- and private-sector conferences throughout the year.

### III: Financial Accounting, Cost Data and Property Acquisition

#### REVENUE, EXPENDITURES, AND ENCUMBRANCES

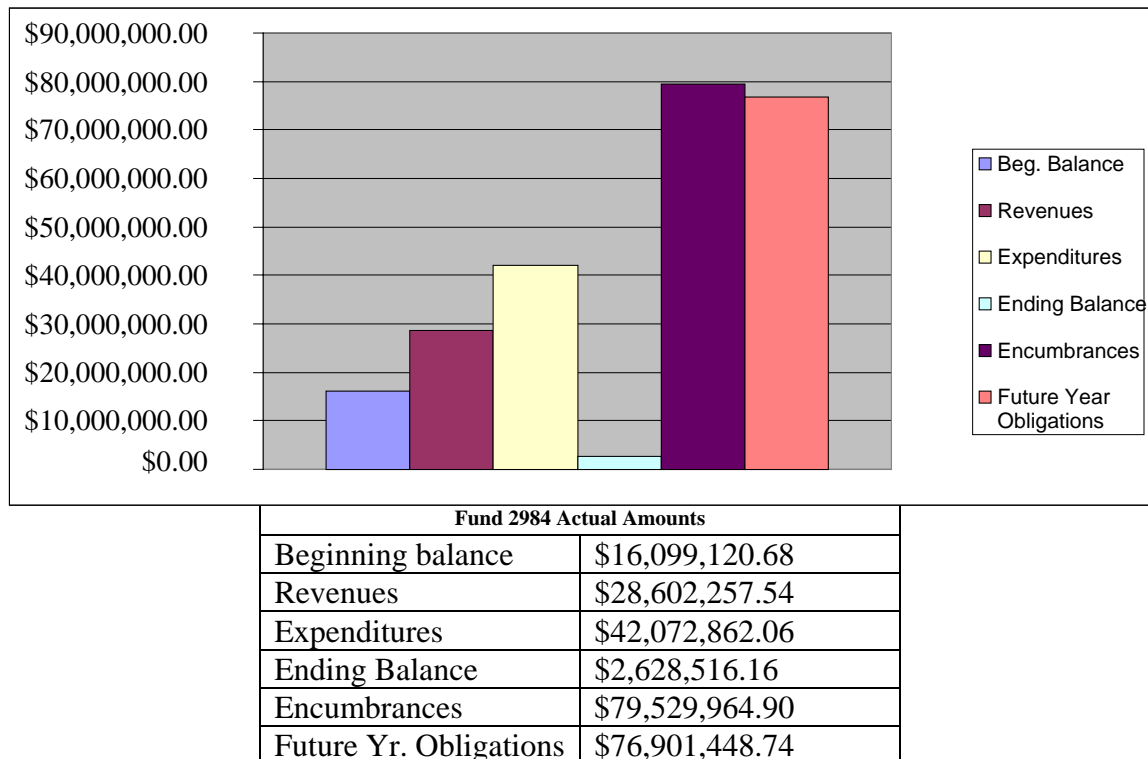
The figures and tables below depict expenditures and end-of-year balances for the MOA Program (NCDOT stream and wetland program), the Wetlands Restoration Program Trust Fund, the MOU Program (general public stream and wetland mitigation program), and the buffer and nutrient offset programs. An accounting of beginning balances, revenues, expenditures, cash balances, encumbrances and unencumbered balances is provided.

Revenues collected by EEP through its four mitigation programs are used to implement restoration projects where they will provide maximum environmental benefits to the state's natural resources. A small part of EEP's revenues is used to administer the program. EEP receives no state appropriations (some historic appropriations remain in the Wetlands Restoration Program Trust Fund but will soon be exhausted).

#### **Fund 2984: MOA Program**

Figure 6 provides an accounting of the MOA program fund and applies to the mitigation supplied to the Department of Transportation. At the request of the NCDOT, mitigation production and payments are programmed on a cash-flow basis. As a result, EEP invoices NCDOT for the actual cost for the work being processed to include administration, payments made to engineers, contractors, and full delivery providers.

Figure 6: MOA Program Fund 2984 Fiscal Year 2007-08





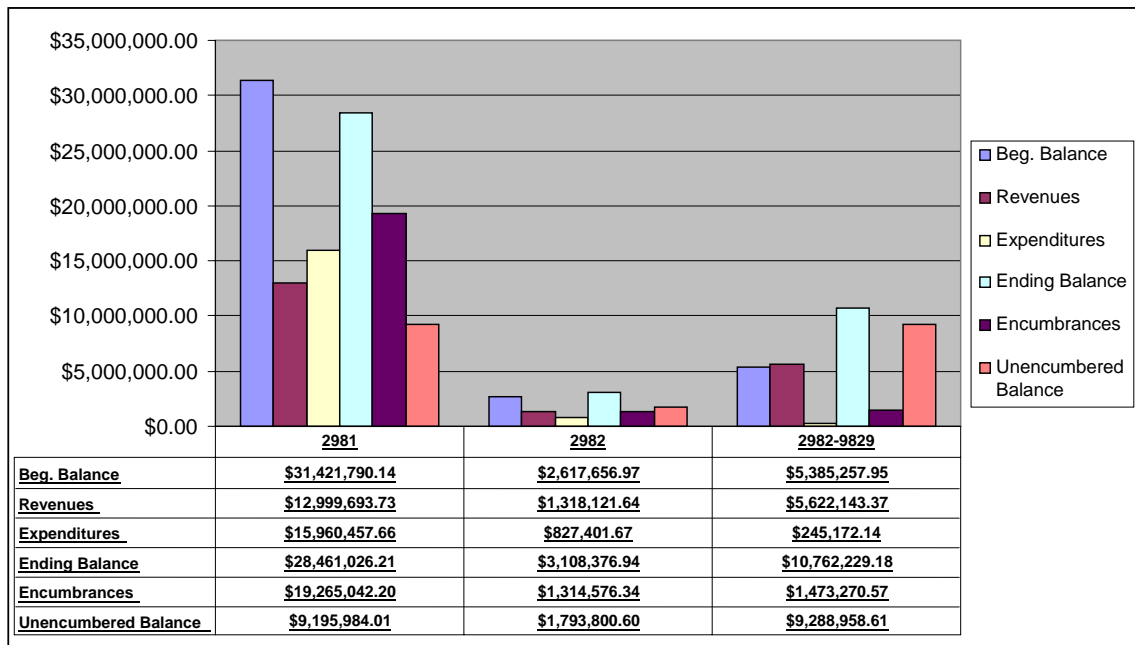
EEP invoices NCDOT on a quarterly basis and secures only those funds required to pay anticipated operating costs for the upcoming quarter. Future year obligations are guaranteed to be paid in accordance with an MOA between NCDOT and NCDENR. This information is reported quarterly during routine invoicing processes. Also, EEP is audited quarterly by the NCDOT Inspector General's office and has been audited by the Federal Highways Administration.

**Fund 2980, Wetlands Restoration Program Trust Fund**, is the repository for appropriated dollars and was established by the General Assembly. In 1997, the General Assembly provided a one-time initial appropriation of seed dollars for the former Wetlands Restoration Program. The unencumbered balance for this fund is \$14,683.61. Remaining encumbrances will be paid this year and this fund will be closed out sometime in the next fiscal year.

#### **Funds 2981, 2982, 2982-9829: The MOU, Riparian Buffer and Nutrient Offset Program Funds**

Figure 7 below provides an accounting of funds for the MOU ILF general public wetland and stream restoration program (2981), the Riparian Buffer Restoration ILF Program (2982) and the Nutrient Offset Reduction ILF Program (2982-9829).

**Figure 7: Funds 2981, 2982, 2982-9829; Fiscal Year 2007-08**



**Fund 2981, MOU ILF Program**, is a voluntary, statewide receipt-based ILF program. Land-disturbing activities that require Section 404 or Section 401 permits often require

compensatory mitigation as specified by USACE or DWQ. The general public, commercial and residential developers, as well as non-NCDOT governmental agencies including municipalities and military installations, may produce the mitigation themselves, purchase credits from a private mitigation bank, or request mitigation from EEP. Upon acceptance and payment, EEP provides the off-site compensatory mitigation to satisfy regulatory requirements. The work may consist of reestablishment of wetlands and reconstruction or enhancement to degraded streams. This fund helps the general public by providing a service that is cost-effective and simplifies the permitting processes.

EEP sought fee revisions for this fund as costs were not in line with the current fee schedule. New fees have been established recently and the updated fees can be referenced at the EEP Web site: <http://www.nceep.net/pages/fee.htm>.

**Fund 2982, Riparian Buffer Fund**, is the repository for monies related to the state's Riparian Buffer ILF Program for the Neuse, Tar-Pamlico, and parts of the Catawba and Cape Fear River basins. Applicants seeking permits for unavoidable impacts to protected buffers along stream systems may elect to produce the mitigation themselves, purchase credits from a private mitigation banks or pay EEP to produce the mitigation and satisfy permit needs. Revenues collected are used to contract engineering, construction, land acquisition and long term protection of mitigation sites. The types of projects produced consist of reestablishment and protection of buffers (primarily involving planting vegetation) along degraded streams and river banks in the protected basin.

**Fund 2982-9829, Nutrient Offset Fund**, is the repository for funds of the Nutrient Offset ILF Program. This program has been in place for the Neuse River basin since 1998. In March 2006, the Tar-Pamlico River basin was added. Applicants seeking permits for construction related impacts to uplands may elect to undertake additional on-site nutrient reduction measures to meet nutrient reduction requirements, purchase nutrient reductions from a private mitigation bank or pay a fee to EEP to produce the mitigation. The types of projects produced by EEP may consist of best management practices or vegetated buffers that will reduce nitrogen and phosphorous loading into the river basins and estuaries. Revenues collected are used to contract engineering, construction, land acquisition and secure long term protection of mitigation sites.

Based on a study commissioned by the General Assembly and conducted by RTI International, the legislature set the fees for the Nutrient Offset ILF Program effective September 1, 2007. The fees can be referenced at <http://www.nceep.net/pages/fee.htm>.

### **COST OF MITIGATION DELIVERY**

Total project costs are the sum of costs associated with multiple project steps including land acquisition; project design; project construction; maintenance; monitoring for project success; and long-term stewardship of the perpetually protected property. In addition a small amount of program monies are associated with funding staff to oversee the contracting, awards, project delivery and administration. All design, construction and

monitoring activities (which make up the vast majority of program expenditures) are outsourced to private-sector companies. EEP employs two primary outsourcing methods for its project procurement:

- Full Delivery (FD)- requests for proposals (RFPs) are issued for specific types, amounts and locations of compensatory mitigation and one single contract is issued for the entire project from acquisition to monitoring. The types of firms participating in this process include private mitigation bankers and engineering firms with construction contracting capabilities.
- Design-Bid-Build (DBB) - EEP acquires the project site through the State Property Office, contracts for design through a private environmental consulting firm, bids out the construction to private contractors, and employs a consulting firm for the monitoring. This is the standard contracting method administered through the Department of Administration and the State Building Commission.

### **EEP Project Costs for FY 2007- 08**

Average per-unit costs of project implementation for the last fiscal year have been calculated by examining both FD and DBB contracts.

In FY 2007-08, EEP obtained:

- 66,748 total stream mitigation units at an average of \$274 per unit;
- 4.65 total riparian wetland mitigation units at an average of \$43,406 per unit;
- 2.85 total non-riparian wetland mitigation units at an average of \$40,718 per unit; and
- 31.96 total buffer acre units at an average of \$41,817.60 per unit.

The fee schedule over the past year was below actual costs for the wetland and stream mitigation program (2981) and the nutrient offset program (2982-9829). EEP, through rule making, was able to increase fees for its ILF program to levels more in line with costs presented above. For the Nutrient Offset Program (2982-9829), fees were set by the N.C. General Assembly to be \$28.35 per pound nitrogen for projects in the Neuse River Basin and \$21.67 per pound nitrogen and \$28.62 per tenth of pound for phosphorus in the Tar-Pamlico River basin. These fees were set based on an analysis of buffer restoration costs conducted by RTI International. The General Assembly also required that all new nutrient reductions take place in the same CU as the impact payment, that EEP implement the least cost reduction projects, and that EEP transition to an actual cost method for assessing payment to participate in the program. A progress report on transitioning to actual cost was provided to the General Assembly in September of 2008 ([http://www.nceep.net/pages/FINAL\\_ERC\\_NO\\_Progres\\_Report\\_09-12-08.pdf](http://www.nceep.net/pages/FINAL_ERC_NO_Progres_Report_09-12-08.pdf)).

EEP continues to take measures to produce cost effective mitigation through such items as training of construction contractors on wetland and stream construction techniques. As understanding improves, it translates to increased competition within a larger bidding pool.



### **Cost Analysis of Private Mitigation Banks**

Reporting requirements of G.S. 143 214.13 require EEP to compare the cost of mitigation between the EEP projects and private mitigation banks. To obtain the data necessary to accomplish this task, a Web-based survey requesting restoration cost information was sent to the sponsor of each approved bank in North Carolina. Appendix C includes a listing of banks that were requested to respond, and a copy of the survey is included. There were no responses from private mitigation banks for FY 2007-08.

### **Contracts**

The science of natural-systems restoration has advanced considerably over the past decade. Because of this, and in addition to regulatory requirements, watershed planning, design and monitoring approaches continue to evolve. As such, EEP utilizes multiple contracting methods to address the myriad of tasks necessary to plan, implement and monitor natural systems restoration projects.

### **Full Delivery Program**

The FD Program procures compensatory mitigation by issuing RFPs through the Department of Administration. Each RFP specifies the river basin and CU within which mitigation is being sought, and the amount and type of mitigation needed (i.e., riparian buffer, stream and/or wetland). Providers are required to submit both a technical proposal and a cost proposal for each prospective submittal. The technical proposal details: 1) the experience, qualifications and financial stability of the firm submitting the proposal; 2) the geomorphologic features of the site that make it suitable for restoration; and 3) the conceptual plan for restoring the site to a more natural, stable condition, both physically and biologically. The cost proposal provides a unit cost (i.e., per buffer mitigation unit, stream mitigation unit or wetland mitigation unit) for the submittal. Qualifying proposals are evaluated based on the technical merits of the proposed restoration and the overall per-unit cost. Firms associated with selected proposals enter into a contract with EEP to convey a conservation easement on the project area to the state, develop and implement a restoration plan, and monitor the project for five years to verify that the restoration meets established success criteria.

There are currently 21 firms that have FD contracts with EEP, indicating widespread participation by the environmental consulting/mitigation banking community. In FY 2007-08, EEP entered into seven new FD contracts (with five different FD providers) for 30,532 stream mitigation units at a cost of \$7,112,136 and 33.5 riparian wetland mitigation units at a cost of \$1,205,125.00.

### **Design-Bid-Build Program**

EEP utilizes On-call Design and Consulting Services Authorizations to contract with private design and consulting firms for professional services for all stages of project development including: watershed planning, environmental resource investigations, restoration site design and construction management, and post-construction monitoring. The use of on-call consultants is authorized by the State Building Commission as described in the N.C. Administrative Code (see 01 NCAC 30D). Since 2002, the State

Building Commission has approved four on-call authorizations to EEP as described in the following table:

<b>Table 1. NC Ecosystem Enhancement Program On-Call Authorizations</b>			
<b>Authorization</b>	<b>Date Effective</b>	<b># of Firms Authorized</b>	<b>Total Authorization</b>
2002 Oncall	4/18/02 - 4/17/04	15	\$10,500,000
2004 Oncall	4/1/04 - 3/31/06	22	\$15,400,000
2005 Oncall	8/23/-05 – 8/22/07	21	\$14,700,000
2006 Oncall	12/12/06 – 12/11/08	31	\$21,700,000

### **Design and Construction**

EEP also utilizes NCDENR and federal agencies to provide planning, design, construction and monitoring services. This use of these agencies is authorized by NCDENR as described in the N.C. Administrative Code (see N.C. General Statute 143-59).

### **Total Contracted Services**

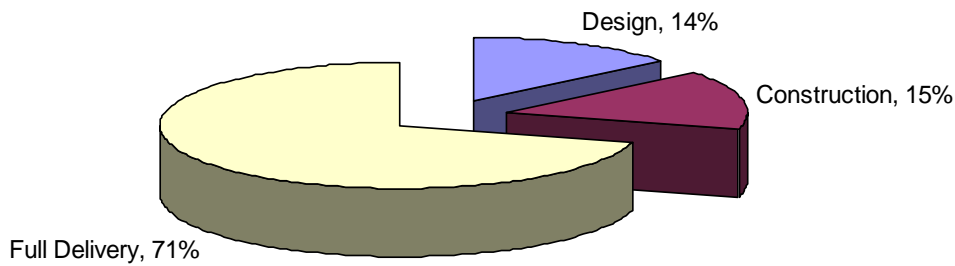
In FY 2007-08, 61 new design and construction contracts were awarded. The total value of new design and construction contracts was \$9,301,008.06.

<b>Table 2. Total Contracted Services Fiscal Year 2007-08</b>	
Total Watershed and Project Planning Services (12)	\$404,537.25
Total Design Services (10)	\$1,984,386.00
Total Construction Services (15)	\$3,872,912.00
Total Maintenance and Repair Services (6)	\$459,725.60
Total Monitoring Services (18)	\$2,579,447.21
<b>Total (61)</b>	<b>\$9,301,008.06</b>

### **Fiscal Year 2007-08 Payments to Vendors**

Payments to vendors totaled \$ 41,685,254.38 for FY 2007-08. Figure 8 (top of the next page) illustrates payments by contract type: Full Delivery, Design and Construction, but does not include any costs for property acquisition. Appendix E provides a listing of payments by contract type and vendor.

**Figure 8: Fiscal Year 2007-08 Design Bid Build - Contract Payments by Type**



### **PROPERTY ACQUISITION: FY 2007-08**

During this fiscal year, the State Property Office closed on 80 parcels associated with preservation and restoration projects, totaling more than 1,370 acres. Two of the acquisitions were outright purchases, three were construction easements, one was an allocation of a conservation easement from another state agency, one was an access easement, one was a modification of an existing conservation easement, and 72 were acquisitions of conservation easements. All properties that closed between July 1, 2007 and June 30, 2008 are shown in Appendix E (ii). Acreages are included for sites that have been surveyed to date. Landowners have formally agreed to give EEP the right to acquire an easement or property for all sites listed in Appendix E (iii), Properties Optioned.

Cumulative Properties is an inventory of all properties acquired since the inception of the Wetlands Restoration Program in 1996. More than 46,700 acres have been purchased or donated. The full inventory of these acquisitions is presented in Appendix E (i).

## IV: Program Inventory Status

This section provides detailed tables and charts regarding mitigation production. EEP tracks and is accountable for mitigation production in 17 river basins, 54 CUs and for 15 mitigation types.

### STREAM AND WETLAND MITIGATION INVENTORY

At the end of FY 2007-08, EEP had produced or inherited 1,666,838 linear feet of stream and 21,116 acres of wetland mitigation, in addition to High Quality Preservation (HQP) assets. The table below is a summary of mitigation assets by river basin and type. The data are also summarized by the primary mitigation program that funded the development of the assets (MOU or MOA programs).

**Table 3: EEP Total Assets FY 07 –08**

River Basin	Stream Restoration	Stream Enhancement I	Stream Enhancement II	Stream Preservation	Riparian Restoration	Riparian Creation	Riparian Enhancement	Riparian Preservation	Nonriparian Restoration	Nonriparian Creation	Nonriparian Enhancement	Nonriparian Preservation	Coastal Marsh Restoration	Coastal Marsh Creation	Coastal Marsh Enhancement	Coastal Marsh Preservation	Stream Buffer
Broad	58,938	5,330	21,286	7,369	11.40	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Cape Fear	308,922	33,948	37,097	59,446	753.61	10.20	164.72	1,013.32	924.98	0.00	227.14	496.74	9.02	0.00	85.76	0.00	108.4
Catawba	142,438	9,005	13,271	4,480	51.65	38.13	15.51	15.34	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.4
Chowan	11,128	1,700	0	6,086	97.30	0.00	0.00	15.00	5.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.0
French Broad	39,291	25,839	85,196	10,740	16.30	0.00	17.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Hiwassee	9,175	525	3,100	8,500	3.53	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Little Tennessee	7,607	1,082	4,990	15,421	58.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Lumber	8,282	0	0	1,750	62.00	0.25	30.44	35.80	670.08	0.00	0.00	301.50	0.00	0.00	0.00	0.00	0.0
Neuse	118,485	14,502	10,879	16,398	456.60	8.34	264.15	1,713.33	1,530.62	5.80	1,984.20	776.00	0.00	0.00	0.00	0.00	223.4
New	16,061	1,817	20,621	19,189	12.01	0.20	8.22	10.33	0.00	0.00	0.00	11.92	0.00	0.00	0.00	0.00	0.0
Pasquotank	15,400	2,500	0	0	396.80	0.00	21.40	67.65	1,149.13	0.00	6.00	139.32	0.00	19.77	0.00	180.94	0.0
Roanoke	46,821	4,626	3,499	13,673	154.00	0.00	0.00	576.43	239.00	0.00	8.00	3,457.00	0.00	0.00	0.00	0.00	0.0
Savannah	3,310	1,600	0	3,115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.0
Tar-Pamlico	28,718	9,292	2,585	0	140.84	59.40	35.10	419.90	389.13	9.24	41.55	357.19	0.30	0.00	0.00	189.60	89.6
Watauga	2,767	279	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
White Oak	27,900	0	931	2,010	41.91	0.00	3.80	3.90	383.00	0.00	52.00	110.50	5.10	0.00	0.00	0.00	0.0
Yadkin	206,137	21,874	44,371	65,537	199.09	155.22	44.73	76.84	18.87	1.50	21.09	8.59	0.00	0.00	0.00	0.00	0.0
<b>Grand Total</b>	<b>1,051,380</b>	<b>133,919</b>	<b>247,826</b>	<b>233,714</b>	<b>2,455.40</b>	<b>271.74</b>	<b>607.17</b>	<b>3,947.84</b>	<b>5,317.21</b>	<b>16.54</b>	<b>2,339.98</b>	<b>5,670.36</b>	<b>14.42</b>	<b>19.77</b>	<b>85.76</b>	<b>370.54</b>	<b>534.9</b>
<b>Grand Total MOU</b>	<b>335,998</b>	<b>55,757</b>	<b>69,754</b>	<b>59,075</b>	<b>343.68</b>	<b>8.62</b>	<b>162.42</b>	<b>382.15</b>	<b>363.83</b>	<b>0.00</b>	<b>96.46</b>	<b>209.76</b>	<b>5.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>247.3</b>
<b>Grand Total MOA</b>	<b>715,383</b>	<b>78,162</b>	<b>178,072</b>	<b>174,639</b>	<b>2,111.72</b>	<b>263.12</b>	<b>444.75</b>	<b>3,565.69</b>	<b>4,953.38</b>	<b>16.54</b>	<b>2,243.52</b>	<b>5,460.60</b>	<b>8.93</b>	<b>19.77</b>	<b>85.76</b>	<b>370.54</b>	<b>287.5</b>



Note: EEP's mitigation assets and requirements are accounted for on a CU basis, not by river basin. This table, along with Table 4, is intended as a summary. A complete listing of these tables by river basin and CU can be found in the EEP's Fourth Quarterly Report to USACE, FY 2007-2008, located on the EEP Web site at:  
<http://www.nceep.net/news/eeppublications.htm>.

### **Current Inventory of Asset Credits**

Table 4 on the following page lists net-asset credits by river basin for FY 2007-08. These are the current inventory assets after application of credits to compensatory-mitigation requirements. Remaining asset credits are also summarized by credit amounts in the MOA and MOU programs. Assets in this table have been converted to restoration and restoration-equivalent credits. Restoration equivalent credits are credits that can only be used to offset mitigation requirements after the 1:1 impact to restoration requirement has been met. HQP gross and net assets are summarized in the next section. At the end of FY 2007-08, EEP had net inventory assets of both restoration and restoration equivalent of:

- Stream: 671,001.03 credits;
- Riparian: 2,850.65 credits;
- Nonriparian: 6,697.47 credits; and
- Coastal marsh: 130.08 credits.

Total net inventory assets are the sum of Table 4 (Net Inventory of Asset Credits) below.

These inventory assets represent progress that EEP has achieved to produce mitigation in advance of permits. These mitigation assets are available to offset future permit requirements, especially for NCDOT. The advancement of mitigation ahead of permitted impacts is environmentally preferable and is an important tenet of the agreement among NCDOT, NCDENR and USACE, which has allowed NCDOT to move forward with about \$4.8 billion in road-development projects without delays associated with compensatory mitigation since 2003.

**Table 4: EEP Net Inventory of Asset Credits, FY 07-08**

River Basin	Stream Restoration	Stream Restoration Equivalent	Riparian Restoration	Riparian Restoration Equivalent	Nonriparian Restoration	Nonriparian Restoration Equivalent	Coastal Marsh Restoration	Coastal Marsh Restoration Equivalent
Broad	68,858	1,330.80	11.40	0.00	5.00	0.00	0.00	0.00
Cape Fear	110,204	3,698	394.39	224.70	836.94	192.39	8.99	42.88
Catawba	30,836	39	7.24	2.11	0.00	0.00	0.00	0.00
Chowan	12,249	1,217	94.73	3.00	4.99	2.00	0.00	0.00
French Broad	76,155	1,978	9.74	8.79	0.00	0.00	0.00	0.00
Hiwassee	6,865	1,700	3.53	0.75	0.00	0.00	0.00	0.00
Little Tennessee	9,890	3,084	57.95	0.00	0.00	0.00	0.00	0.00
Lumber	8,163	350	51.98	18.19	567.97	60.28	0.00	0.00
Neuse	32,754	680	355.86	438.94	1,477.94	1,110.08	0.00	0.00
New	23,311	3,633	10.19	6.18	0.00	2.38	0.00	0.00
Pasquotank	15,578	0	393.04	21.25	1,124.70	30.76	1.51	35.91
Roanoke	43,836	2,551	143.67	105.92	115.46	685.00	0.00	0.00
Savannah	4,342	608	0.00	0.00	0.00	0.32	0.00	0.00
Tar-Pamlico	29,312	0	121.04	100.67	234.71	89.64	0.24	37.92
Watauga	2,706	0	0.00	0.00	0.00	0.00	0.00	0.00
White Oak	20,080	401.98	19.10	2.01	83.08	48.10	2.64	0.00
Yadkin	143,867	10,726.80	214.73	29.56	15.01	10.73	0.00	0.00
<b>Grand Total</b>	<b>639,004</b>	<b>31,997.30</b>	<b>1,888.59</b>	<b>962.06</b>	<b>4,465.79</b>	<b>2,231.68</b>	<b>13.38</b>	<b>116.71</b>
<b>Grand Total MOU</b>	<b>29,988</b>	<b>1,023.80</b>	<b>154.20</b>	<b>42.41</b>	<b>47.90</b>	<b>52.49</b>	<b>3.27</b>	<b>0.24</b>
<b>Grand Total MOA</b>	<b>609,016</b>	<b>30,973.50</b>	<b>1,734.39</b>	<b>919.65</b>	<b>4,417.89</b>	<b>2,179.19</b>	<b>10.11</b>	<b>116.47</b>

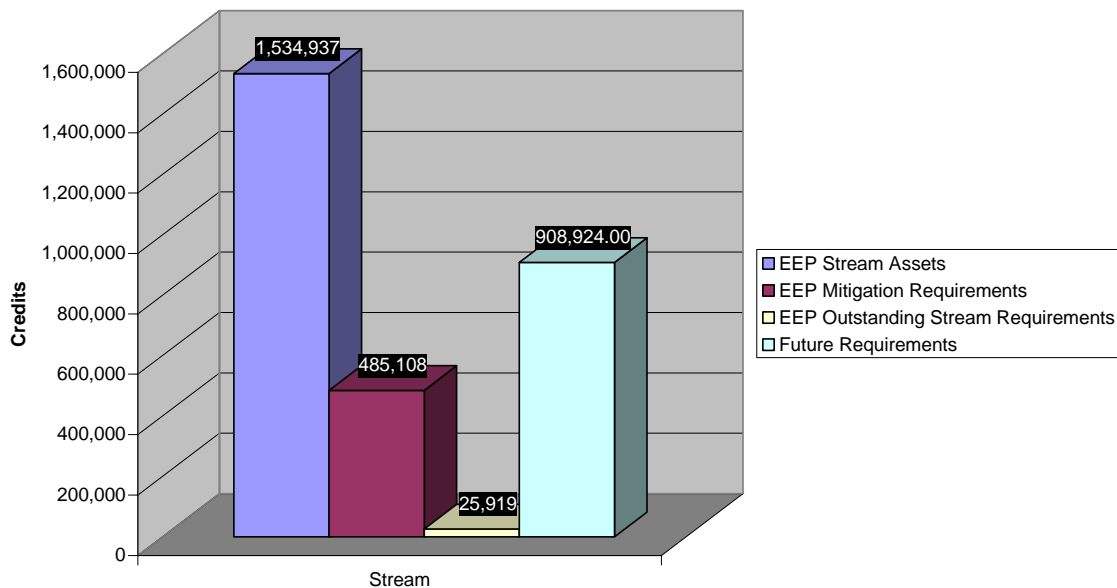
### **STATEWIDE STATUS OF MOU AND MOA STREAM AND WETLAND PROGRAMS**

The following graphs provide a statewide summary status of the MOA and MOU programs at the end of FY 2007-08. The graphs depict EEP current gross assets, mitigation requirements, outstanding mitigation requirements, and projected future mitigation needs in credits that EEP expects to provide over the next two years. Please note that EEP tracks credits and credit requirements by program (MOU or MOA), by impact type, and by watershed CU. All mitigation credits are applied within mitigation type, within CU of impact, and within program unless the regulatory agencies have approved otherwise. These graphs reflect the statewide picture of EEP's programmatic gains (credits) and requirements. Since mitigation requirements are typically between one

to two times as large as actual permitted impacts, the actual losses are approximately one-half to two-thirds the magnitude of requirements shown.

Figure 9 displays the status of stream requirements and assets produced (for both the MOU and MOA programs). Currently EEP has instituted 1,534,937.27 credits of stream mitigation and accepted mitigation requirements of 485,108 credits — this represents over one million advanced stream credits. The advanced mitigation has been developed for future mitigation needs as per the operating agreements of the MOU and MOA mitigation programs. Outstanding requirements equal 25,919 credits (see below for further description).

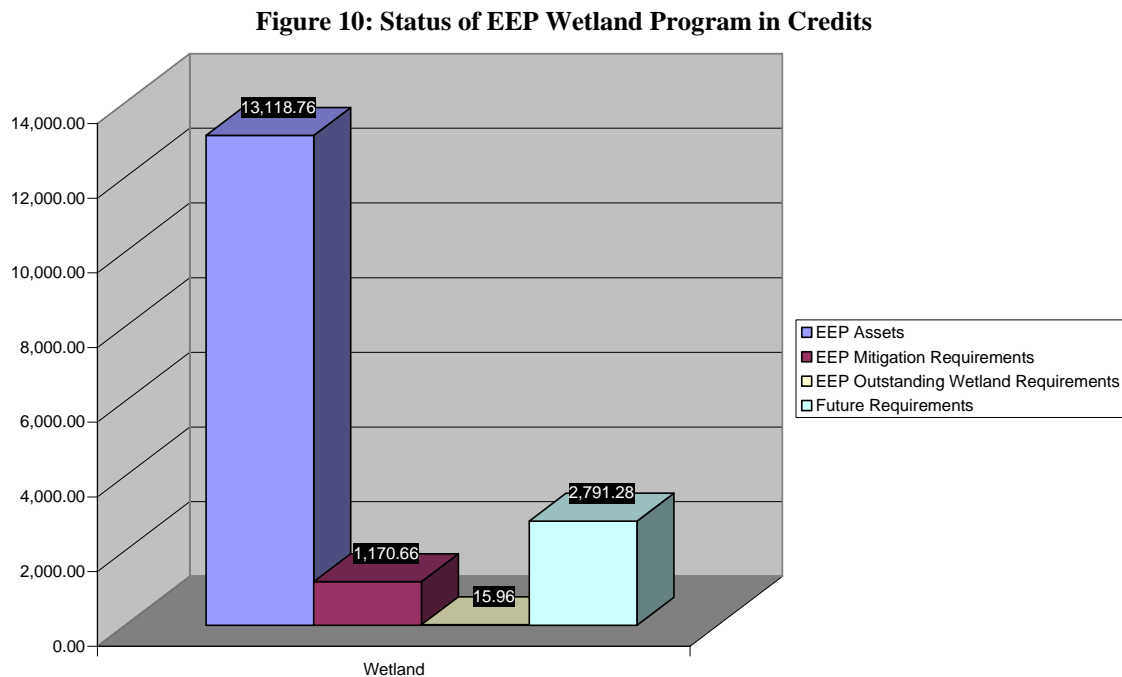
**Figure 9: Status of EEP Stream Mitigation Program in Credits**



The generation of mitigation credits in advance of mitigation requirements is a founding principle of the MOA program. The advanced mitigation currently available in the program is evidence that EEP is succeeding on this front. However, mitigation demand over the next five years is expected to be very high. As shown in the Figure 9, NCDOT and EEP are projecting mitigation needs of 908,924 stream credits over the next five years. The majority of this mitigation need is related to NCDOT's programmed TIP projects and the mitigation-advancement schedule outlined in the Tri-Party MOA.

Outstanding requirements represent mitigation needs that do not match (type or CU location) inventoried assets. EEP has strategies in place to meet the outstanding requirements which are detailed in EEP's quarterly reports at [www.nceep.net](http://www.nceep.net). Section V of this report contains additional compliance information.

Figure 10 displays the status of the wetland requirements and assets produced (MOU and MOA programs). Currently EEP is managing instituted assets of 13,118.76 wetland credits with current requirements equaling 11,760.66 credits. The majority of credits originated from the NCDOT mitigation program that existed prior to EEP's formation. These unused assets were transferred to EEP to be managed within the MOA program for NCDOT's future mitigation needs. Currently, outstanding requirements equal 15.96 wetland credits. As shown in the graph, NCDOT and EEP are projecting additional mitigation needs of 2,791.28 credits over the next five years. On a statewide level, EEP has achieved success for advance mitigation. However, much of the current advance mitigation is focused in particular CUs, whereas the mitigation needs are spread more evenly across the state. Thus, while some CUs have already achieved advanced mitigation, others will require additional wetland-credit development over the coming years.



### Statewide Status of Riparian Buffer and Nutrient Offset ILF Programs

The status of the Riparian Buffer ILF Program is illustrated in the table below. This program is 100% compliant and has provided all current buffer requirements. EEP has advanced riparian buffer credits of 34.59 in Cape Fear, 23.13 in Catawba, 106.73 in Neuse, and 44.57 in Tar-Pamlico. Of this, 27.61 acres of payments (mostly in the Neuse) have already been received and will be due in the future.

**Table 5. Riparian Buffer ILF Program Status FY 2007-08**

	Cape Fear	Catawba	Neuse	Tar Pamlico
<b>Mitigation Due</b>	61.56	0.27	370.24	46.38
<b>Mitigation Instituted</b>	96.14	23.4	476.97	90.96





The status of the Nutrient Offset ILF Program is shown in the table below. Nutrient reductions were completely met in the Tar-Pamlico basin for nitrogen and phosphorus, but not in the Neuse River basin. In 2006, a revised increased fee schedule was authorized via rulemaking by the Environmental Management Commission. The revised fee schedule was, however, reverted by the General Assembly while it completed a cost study. During this period of time, EEP suspended procurement of new nutrient-offset projects that exceeded the legislated rates.

**Table 6. Nutrient Offset ILF Program Status FY 2007-08**

	<b>Neuse Nitrogen</b>	<b>Tar Pamlico Nitrogen</b>	<b>Tar Pamlico Phosphorus</b>
<b>Mitigation Due</b>	1,021,776.94	7,294.01	886.02
<b>Mitigation Instituted</b>	579,928.69	25,845.69	1,700.50
<b>Future Requirements</b>	300,967.17	6,526.16	1,076.81

The suspension was necessary because collected fees during FY 2005-06 through FY 2006-07 were below the projected costs of implementing stormwater wetland and riparian buffer nutrient-offset projects. Implementing projects during this time could have resulted in the complete depletion of the funds within this program without satisfying the required reduction in nutrients. This problem was magnified during FY 2006-07 as nearly 43 percent of the program's total historical requirements were paid during FY 2006-07 at below-cost fees. Currently, a revised fee has been passed by the legislature. These fees, while lower than previously authorized by the EMC, are sufficient, and EEP has begun procurement of projects with an expectation to meet requirements over the next two years. EEP believes that most BMP-type (e.g. stormwater BMP's, constructed wetlands, etc.) nutrient-reduction projects will not be fundable under the current fee schedule, particularly since past payments were below cost of BMPs or riparian-buffer restoration projects. Consequently, EEP expects that most new projects will be composed of riparian-buffer projects with a few select stormwater BMPs and constructed wetlands.



## V: Stream and Wetland Compliance

### MOA Stream and Wetland Compliance

At the close of FY 2007-08, the MOA program had achieved tremendous success in establishing advance mitigation as prescribed by the Tri-Party MOA. The amount of advance mitigation established within the program is summarized in the table below.

For the MOA program, stream compliance was 95.89 percent, riparian wetlands compliance was 98.80 percent, nonriparian wetlands compliance was 98.88 percent and coastal marsh wetlands compliance was 100 percent. These figures represent increased compliance in each of these mitigation categories from the previous year. Table 5 displays requirements in credits, credits applied, and resulting compliance.

Outstanding requirements represent mitigation needs that do not match (type or CU location) inventoried assets. The magnitude of outstanding stream mitigation was 9,478.6 credits. The magnitude of outstanding riparian-wetland mitigation was 1.57 credits. A complete listing of MOA permits and requirements not in full compliance and the corresponding EEP CU Action Strategies can be found in the EEP's Fourth Quarterly Report, located on the EEP Web site.

**Table 7. MOA Program Compliance**

MOA Program	Stream (credits)	Riparian (credits)	Nonriparian (credits)	Coastal Marsh (credits)	Total Wetlands (credits)
Mitigation Due	230,471.20	131.37	418.24	1.76	551.37
Mitigation Met	220,992.60	129.79	417.73	1.76	549.29
Mitigation Not Met	9,478.6	1.574	0.506	0	2.08
Compliance	95.89%	98.80%	99.88%	100.00%	99.62%

### MOU Stream and Wetland Compliance

The MOU program experienced a similar degree of success during FY 2007-08. As of June 30, 2008, the MOU program had 988 total requirements. Of these, 956 are in full compliance, seven have partial compliance and 25 are in non-compliance. Therefore the EEP has 96.8 percent of all MOU requirements in compliance, 0.7 percent in partial compliance and 2.5 percent in non-compliance. Of these non-compliant requirements, 23 were related to wetland requirements, and two were related to stream requirements. As in the MOA program, outstanding requirements represent mitigation needs that do not match (type or CU location) inventoried assets. Table 6 on the next page summarizes the MOU program's mitigation due, mitigation met, mitigation not met and compliance.

**Table 8. MOU Program Compliance**

<b>MOU</b>	<b>Stream (credits)</b>	<b>Riparian (credits)</b>	<b>Nonriparian (credits)</b>	<b>Coastal Marsh (credits)</b>	<b>Total Wetlands (credits)</b>
Mitigation Due	254,636.99	399.97	218.85	0.47	619.29
Mitigation Met	238,196.45	392.67	212.48	0.27	605.41
Mitigation Not Met	16,440.54	7.30	6.38	0.20	13.88
Compliance	93.54%	98.17%	97.09%	57.54%	97.76%

A complete listing of the MOU permits and requirements not in full compliance and the corresponding EEP CU Action Strategies can be found in the EEP's Fourth Quarterly Report, located on the EEP Web site.

## **VI: Monitoring and Research**

### **MONITORING**

The EEP Monitoring Section is focused on four primary areas: 1) oversight of annual monitoring for all restoration projects; 2) support to the Design/Construction Section concerning maintenance/repair for all restoration projects; 3) data management and analysis; and 4) project and program improvement.

In fiscal year 2007-2008, EEP had 238 projects (both DBB and FD) in some phase of monitoring, closeout, or long-term management. Most projects were in monitoring phases of year 1 through 5. These projects totaled 876,874 linear feet of stream, and 13,401 acres of wetland restoration, enhancement, and preservation.

Monitoring reports for all DBB projects are currently published on the EEP Web site at: [http://www.nceep.net/business/monitoring/Monitoring\\_report\\_web/Projects\\_in\\_Monitoring.htm](http://www.nceep.net/business/monitoring/Monitoring_report_web/Projects_in_Monitoring.htm). It is anticipated that monitoring reports for FD projects will be posted before the end of calendar year 2008.

#### **Monitoring Results and Trends**

When reviewing stream-restoration projects, staff examines four types of geomorphic data: channel dimension (cross sections), profile (thalweg surveys), substrate (particle size distributions), and engineered structure stability. The assessment of overall channel “success” is based on the consideration of these four metrics. However, it is important to keep in mind that stream systems are dynamic, and are subject to perturbations of the contributing watershed and extreme weather conditions.

Vegetative success defined by the regulatory community requires standards of stem counts from year 1 through year 5 of monitoring with a minimum of 260 stems per acre surviving at year 5. Hydrologic success criteria for wetlands is tied to a continuous percent saturation or inundation period during the growing season compared to the success criteria and/or compared to the reference wetland.

Considering all the projects in an active monitoring stage, they showed collectively a greater than 90% success for stream geomorphic criteria, vegetative success criteria, and wetland hydrologic success. This is a slight improvement from last year’s statistics.

#### **Monitoring Related Activities**

Beyond standard production activities, progress and accomplishments during FY 2007-08 revolved around three main areas: 1) new or refined data tools or data management products; 2) guidance and policy documentation; and 3) training/information dissemination. The first category included advancements in the standardization of scoping and financial data related to monitoring activities, and the development or refinement of geodatabases related to stream-assessment and stream-reference data. The second involved the production of new documents (or significant refinements of existing documents) related to major project deliverables, asset verification, digital submission



formatting, decision frameworks for project selection, monitoring and remediation, and quality control related to construction and data collection. The third included training for program providers and staff, which revolved around optimization of reach-treatment approaches, standardization of monitoring practices, Web posting of project documents, and practices that reflect consideration of project closeout (validation) at each project phase.

## **MAINTENANCE IMPROVEMENTS**

### **Vegetation and Easement Maintenance**

EEP staff has collaborated to produce new standard informal contract templates that can be applied to relatively small herbicide treatment and replanting contracts. Such contracts for vegetation-driven maintenance are becoming increasingly necessary due to easement encroachment, low stem-survival rates, and exotic-invasive plant infestations. Once finalized and implemented, the new contract templates and supporting documents will facilitate the management of contracts structured around preventative and corrective measures for projects exhibiting a lack of vegetation success. Preventative cost-saving measures, along with corrective actions, may include herbicide application, replanting, installation of easement boundary markers, reseeding, pruning and minor stream bank repair.

## **PROJECT AND PROGRAM IMPROVEMENT RESEARCH**

### **Vegetation Monitoring and Data Management**

Fine tuning of the Carolina Vegetation Survey (CVS)-EEP Protocol for Recording Vegetation has continued and all new projects are required to utilize the new method as outlined in the EEP mitigation- plan template. To facilitate this transition from numerous uncoordinated vegetation monitoring methods to a refined data-management system that complies with current scientific and federal guidelines, the 2008 annual CVS-EEP Vegetation Workshop was conducted. During this two-day workshop, the majority of the on-call firms and full-delivery providers were given comprehensive training necessary for all aspects of applying the protocol, from mitigation-plan development to data delivery. Consequently, an increasing percentage of all the 2008 EEP projects will have vegetation monitoring data that is processed, summarized and delivered in an efficient automated manner.

### **Vegetation Target Community Design Tools:**

Through the collaboration between EEP and the CVS, tools derived from high-quality natural community data are being developed with the potential to greatly improve species lists and various other types of information pertaining to the restoration-target communities that have traditionally been utilized by restoration designers. The resulting tools will not only improve the compatibility between prescribed species and site-specific environmental variables (i.e., soil type, elevation, slope, aspect, and hydrology), the methods for data delivery will be more efficient and cost-effective than having designers gather potentially misleading reference data for every project. Once the reference data

system is functional, some immediate reduction in design costs associated with reference data collection can be expected, along with a much more substantial and gradual expense reduction associated with increased planting-plan success over subsequent monitoring years.

### **Project Closeout Activity**

All projects conducted for the purpose of mitigation must be closed out once the monitoring period is over. The purpose of closeout is to have regulatory validation on the number and types of mitigation credits finally provided by the project. Once the required monitoring period is complete and the project is deemed successful, EEP staff submits a summary report to the regulatory agencies for review. The summary report is a synthesis and distillation of seven years worth of project data designed to provide an overall performance summary and rationale for closeout. Eight projects were submitted and approved for regulatory close-out during this fiscal year. The eight projects accounted for 18,257 linear feet of stream restoration, enhancement and preservation, and 49 acres of wetland restoration, enhancement and preservation.

### **Research Program-Project Improvement**

During FY 2007-08, EEP has continued the research program begun in FY 2006-07, and continued or completed research begun in FY 2005-06. The purpose of the research program is to provide project-level and programmatic review and evaluation as feedback to other EEP sections, and to help EEP fulfill MOA commitments. The goal is to improve EEP effectiveness by increasing project success and reducing costs. Our objectives are:

- improving cost-effective selection among project alternatives and design options within a watershed context;
- increasing project success to reduce maintenance costs and the mitigation ratio;
- reducing the cost of monitoring through use of functional methods and other programmatic improvements; and
- helping to define a sound scientific basis for implementing new federal regulations for compensatory mitigation, especially ecological performance standards.

EEP research works through partnerships with state, local and federal government agencies, universities, and non-governmental organizations. The program encompasses three broad focus areas: functional assessment, catchment studies and restoration methods.

Projects in the functional assessment focus area will improve the assessment of stream and wetland condition at both project and watershed scales, and will be usable in assessing both the need for and success of restoration. Ongoing or new projects in this area include:

- Carolina Vegetation Survey (UNC, R. Peet and NCSU, T. Wentworth); and
- Ecological performance standards for vegetation assessment (ECU, R. Rheinhardt and M. Brinson and NCSU, T. Wentworth; new project under development).

Projects completed during FY 2007-08 include:

- Stream geomorphology reference database (NCSU, G. Jennings); and
- Multivariate evaluation of vegetation success (ECU, R. Rheinhardt; part of a cooperative agreement with EPA Region IV).

Projects in the catchment focus area will demonstrate the effects that restoration projects have on water quality, habitat and hydrology at larger scales and help select among project alternatives to better meet programmatic watershed-improvement goals. Ongoing projects in this area include:

- Big Harris Creek, Cleveland County (NCSU, G. Jennings and DWQ WAT);
- Heath Dairy, Randolph County (NCSU, G. Jennings, and DWQ WAT); and
- Unnamed tributary to Crab Creek, Alleghany County (DWQ WAT).

Projects completed during FY 2007-08 include:

- Survey of macrobenthos in restored coastal plain streams (NCSU, G. Jennings).

Projects in the restoration-methods focus area will serve to improve the success of restoration projects, to limit the need for maintenance and to improve cost-effectiveness. Ongoing or new projects in this area include:

- Carolina Vegetation Survey (UNC, R. Peet and NCSU, T. Wentworth);
- North River Farms Phase II monitoring, Carteret County (NCSU, R. Evans);
- Ripshin Creek, Ashe County (NCSU, G. Jennings); and
- Dye Branch stream restoration study, Mooresville, Iredell County (NCSU, G. Jennings, and DWQ WAT).

Projects completed during FY 07-08 include:

- Dye Branch BMP study, Mooresville, Iredell County (NCSU, B. Hunt, and DWQ WAT).

EEP is also collaborating with state and federal agencies to develop innovative approaches to mitigation and to develop and implement functional assessment methods.

Projects include:

- White Oak LWP (with WPPI and ECU, M. Brinson);
- Aquatic organism passage study (with NTMSC and USFWS);
- Wetlands functional assessment implementation (NC WAM; with DWQ, DCM, USACE and EPA); and
- stream functional assessment development (NC SAM; with DWQ and other NCDENR agencies, USACE and EPA).

Research program objectives for FY 2008-09 include:

- Develop grant applications with researchers in academia and sister agencies to broaden project scope and reduce reliance on NCDOT funding;



- Develop new projects to help define a sound scientific basis for ecological performance standards (to implement new federal regulations for compensatory regulations; in conjunction with USACE, EPA and DWQ);
- Continuing to develop and assess new approaches for non-traditional mitigation;
- Continuing to define ways in which EEP will meet its commitment to implement the N.C. Division of Marine Fisheries Coastal Habitat Protection Plan; and
- Continuing on-going contracts to help meet previously defined objectives.



## VII: Stewardship



Photo courtesy Piedmont Land Conservancy

To qualify as compensatory mitigation, preserved and restored sites must be protected from encroachment, conservation-easement violations and other forms of degradation in perpetuity (Wilmington District Process for Preservation of Mitigation Property, U.S. Army Corps of Engineers, Nov. 25, 2003; Code of Federal Regulations, Vol. 73, No. 70, Thursday, April 10, 2008, Rules and Regulations).

To ensure long-term protection of the conservation areas of the state, a Stewardship Task Force was convened in 2004 to determine the most cost-effective and efficient method of assuring perpetual protection of state-held conservation property interests, including compensatory-mitigation properties. The task force included members of the land-trust community, Wildlife Resources, CWMTF and NCDENR divisions of Parks and Recreation, Forest Resources and Coastal Management. The recommendation of the task force was to establish an interest-bearing endowment account to fund perpetual stewardship of easements held by the state on behalf of EEP and other NCDENR agencies. A stewardship fund, the N.C. Conservation Lands Stewardship Endowment Account, has been established to ensure that a non-reverting, interest-bearing account is in place to fund the perpetual protection of EEP conservation easement areas and other properties purchased by the program for compensatory mitigation purposes.

### **Transfers of High Quality Preservation Sites to NCDENR Stewardship Program**

Through a renewable three-year contractual MOA, the NCDENR Office of Natural Resource Planning and Conservation, formerly the Office of Conservation and Community Affairs, has assumed responsibility for stewardship of all HQP lands that have been acquired to date by EEP, and has agreed to accept responsibility for closed-out restoration sites that were acquired for use as compensatory mitigation by EEP. The contractual agreement is renewable, but if terminated specifies that all information, files

and data will be returned to EEP or as otherwise directed by the NCDENR chief deputy secretary.

The NCDENR Stewardship Program was created within the Office of Natural Resource Planning and Conservation to oversee the long-term monitoring of conservation lands. Transfers of endowment funds from EEP to the NCDENR Stewardship Program occur as needed, but no more frequently than quarterly. It is anticipated that the interest in the Stewardship Endowment Account will provide for long-term stewardship of these sites; however, the endowment amounts will be evaluated at least annually to determine whether the amount deposited per-site needs to be adjusted. The current long-term monitoring endowment funds inspection of sites and boundaries, the production of monitoring reports, and notification of the State Property Office and the funding agency if encroachment or management issues are identified during site visits. Remedial actions that can be resolved without legal assistance are considered minor conservation easement violations or encroachment infractions. The Stewardship Program expects to be able to resolve these minor violations. Enforcement of major legal violations will be carried out by the N.C. Department of Justice, Attorney General's Office.

The NCDENR Stewardship Program entered into a contractual agreement with the Conservation Trust for North Carolina and 10 land trusts to monitor the HQP sites. The results of the analysis of the actual costs of monitoring during the pilot year of the stewardship agreement indicated that an adjustment in the endowment amount transferred for each additional site was needed. Based on results of actual annual monitoring costs, the endowment amount was adjusted upward to \$20,000 per site for the last set of 14 high quality preservation sites transferred during at the end of 2007. The interest gained on the endowment account varies based on the financial climate, and the health of the fund will be monitored closely by NCDENR.

The NCDENR Stewardship Program has accepted the responsibility for stewardship of 130 high quality preservation sites. The endowments for these sites were transferred in three sets. EEP transferred endowments for long-term monitoring of conservation easements for 86 high quality preservation sites to the NCDENR Stewardship Program in the first two sets. Funding for the third and final set was transferred in December 2007. Endowment funds of \$14,000 per site were transferred for the first two sets. For the final set of 14 conservation easements, \$20,000 per site was transferred. This increase was based on the re-evaluation of the amount set aside in the endowments, actual cost of monitoring the first two sets of sites, and the lower-than-expected interest gained on the endowment fund. The endowment is housed an interest-bearing account that is managed by the state as a non-reverting account. Interest from the endowment is to be used to fund the monitoring of these conservation easements or deed restrictions in perpetuity. All HQP sites that were acquired by EEP have now been transferred to long-term monitoring. HQP sites that were purchased by NCDOT right-of-way, such as Rhodes Pond, Harris Farm and Broad River Greenway, have not been transferred, as the Board of Transportation evaluates options for stewardship of these sites.

No endowment was transferred to the NCDENR Stewardship Program for 30 additional HQP sites, which are to be managed by other government agencies, including State Parks, WRC, and county park systems; however, NCDENR Stewardship has agreed to house monitoring reports for those sites on the Stewardship Data Management System.

## Appendices

A i. Projects Located in LWP Areas*					
Project Name	River Basin	CU	County	LWP Name	Description
Philips	Neuse	03020201	Wake	Upper Swift Creek	Wetland
Back Creek	Yadkin	03040105	Mecklenburg	Upper Rocky River/Coddle Creek	Stream/Wetland
Bear Creek (Phillips Tract)	Cape Fear	03030003	Chatham	Upper and Middle Rocky River	Stream
Burnt Mill Creek (Kerr Avenue Wetland)	Cape Fear	03030007	New Hanover	New Hanover County	BMP
Cato	Yadkin	03040105	Mecklenburg	Upper Rocky River/Clarke Creek	Stream
Charles Creek	Pasquotank	03010205	Pasquotank	Pasquotank	Wetland
Corbett Tract	Cape Fear	03030007	New Hanover	New Hanover County	Wetland
Elizabeth City State BMP	Pasquotank	03010205	Pasquotank	Pasquotank	BMP
Freedom Park	Catawba	03050103	Mecklenburg	Charlotte LWP	Stream
Irwin Creek Whitehurst Road	Catawba	03050103	Mecklenburg	Charlotte LWP	Stream/Wetland
Jacksonville Country Club	White Oak	03030001	Onslow	White Oak	Stream/BMP
Lake Wheeler	Neuse	03020201	Wake	Upper Swift Creek	Wetland
McIntyre Creek @ Hornets Nest Park	Catawba	03050101	Mecklenburg	Charlotte LWP	Stream
Mildred Woods	Tar-Pamlico	03020103	Edgecombe	Middle Tar Pamlico	Wetland
Mud Creek	French Broad	06010105	Henderson	Mud Creek	Wetland
Sparta Bog	New	05050001	Alleghany	Little River and Brush Creek	Wetland
UT to Rocky River (Smith Tract)	Cape Fear	03030003	Chatham	Upper and Middle Rocky River	Stream/Buffer
Zack's Fork Ck RFP*	Catawba	03050101	Caldwell	Lower Creek	Stream/Wetland/Buffer/BMP
BMP (Cary Barnes and Noble)	Neuse	03020201	Wake	Upper Swift Creek	BMP
Greenbrier Creek	Cape Fear	03030003	Chatham	Upper and Middle Rocky River	Stream/Wetland
Wildcat Branch	Cape Fear	03030004	Lee	Cranes Creek	Stream/Wetland
Plum Creek	Lumber	03040207	Brunswick	Lockwoods Folly	Wetland
Afton Run	Yadkin	03040105	Cabarrus	Upper Rocky River/Coddle Creek	Stream/BMP
Caldwell Station	Catawba	03050101	Mecklenburg	Charlotte LWP	Stream/Wetland
Chapel Creek	Cape Fear	03030002	Orange	Morgan and Little Creeks	Stream
Clear Creek	French Broad	06010105	Henderson	Mud Creek	Stream
Coddle Creek Tributary (Indian Run)	Yadkin	03040105	Cabarrus	Upper Rocky River/Coddle Creek	Stream
Ellerbee Creek (G)	Neuse	03020201	Durham	Ellerbe Creek	Stream/Buffer/BMP
Goose Creek (G)	Neuse	03020201	Durham	Ellerbe Creek	Stream
Lower Creek	Catawba	03050101	Caldwell	Lower Creek	Stream/BMP
Mineral Springs Branch (Burnt Mill Creek)	Cape Fear	03030007	New Hanover	New Hanover County	Stream/BMP
Morgan Creek Floodplain	Cape Fear	03030002	Orange	Morgan and Little Creeks	Wetland
Naked Creek	Yadkin	03040101	Wilkes	Upper Yadkin/Kerr Scott	Stream
Northgate Park (Ellerbe) (G)	Neuse	03020201	Durham	Ellerbe Creek	Stream/BMP
Purlear Creek	Yadkin	03040101	Wilkes	Upper Yadkin/Kerr Scott	Stream
Purlear Creek II	Yadkin	03040101	Wilkes	Upper Yadkin/Kerr Scott	Stream
UT to Hendricks (G)	Tar-Pamlico	03020103	Edgecombe	Middle Tar Pamlico	Stream/Buffer
Warrior Creek	Yadkin	03040101	Wilkes	Upper Yadkin/Kerr Scott	Stream
Flintrock Farm	Cape Fear	03030002	Rockingham	Troublesome/Little Troublesome	Stream/Wetland
BMP (Town of Cary)	Neuse	03020201	Wake	Upper Swift Creek	BMP
Lewis Creek	French Broad	06010105	Henderson	Mud Creek	Stream



A i. Projects Located in LWP Areas*					
Project Name	River Basin	CU	County	LWP Name	Description
Muddy Creek(Randolph/Duncan Properties)	Catawba	03050101	McDowell	Muddy Creek ( <b>Non-EEP Plan</b> )	Stream
UT to Haw River	Cape Fear	03030002	Alamance	Travis, Tickle, Little Alamance	Stream
Little Troublesome	Cape Fear	03030002	Rockingham	Troublesome/Little Troublesome	Stream/Wetland
UT to Uwharrie	Yadkin	03040103	Randolph	Upper Uwharrie	Stream/Wetland
Glade Creek	New	05050001	Alleghany	Little River and Brush Creek	Stream/Wetland
Little Pine Creek II	New	05050001	Alleghany	Little River and Brush Creek	Stream/Wetland
UT to Crab Creek	New	05050001	Alleghany	Little River and Brush Creek	Stream/Wetland
UT to Zack's Fork	Catawba	03050101	Caldwell	Lower Creek	Stream
Morgan Creek (Bolin Stewardship Tract)	Cape Fear	03030002	Orange	Morgan and Little Creeks	Stream
Sharpe Wetland Preservation	Cape Fear	03030002	Rockingham	Troublesome/Little Troublesome	Stream/Wetland
Swift Creek Watershed Wetlands	Neuse	03020201	Wake	Upper Swift Creek	Wetland
Hoppers Creek - Melton Farm	Catawba	03050101	McDowell	Muddy Creek ( <b>Non-EEP Plan</b> )	Stream/Wetland
Dye Branch II Stream Restoration	Yadkin	03040105	Iredell	Upper Rocky River/Clarke Creek	Stream
Mooreville School Site - Rocky River	Yadkin	03040105	Iredell	Upper Rocky River/Clarke Creek	Stream/Wetland
Glade Creek II	New	05050001	Alleghany	Little River and Brush Creek	Stream/Wetland
UT Bear Creek (Weaver/McLeod property) (G)	Cape Fear	03030003	Chatham	Upper and Middle Rocky River	Stream
Little Alamance Creek (Burlington Park)	Cape Fear	03030002	Alamance	Travis, Tickle, Little Alamance	Stream
UT Rocky River - Harris Road Middle	Yadkin	03040105	Cabarrus	Upper Rocky River/Clarke Creek	Stream/Wetland
McKee Creek	Yadkin	03040105	Cabarrus	Upper Rocky River/Coddle Creek	Stream
UT Ramah Creek	Yadkin	03040105	Mecklenburg	Upper Rocky River/Clarke Creek	Stream
Brown Branch (Willowbrook Park)	Cape Fear	03030002	Alamance	Travis, Tickle, Little Alamance	Stream/BMP
UT to Bald Creek	French Broad	06010108	Yancey	Bald Creek	Stream
Buffalo Creek	Neuse	03020201	Durham	Little River Corridor Open Space Plan ( <b>No</b>	Stream
Upper South Hominy Creek	French Broad	06010105	Buncombe	South Hominy Creek	Stream
Martins Creek II	Hiwassee	06020002	Cherokee	Peachtree-Martins Creek	Stream/Wetland
Badin Inn	Yadkin	03040104	Stanly	Mountain/Little Mountain Creeks	Stream
UT to Haw (Bechom)	Cape Fear	03030002	Alamance	Travis, Tickle, Little Alamance	Stream/Wetland
UT to Haw (Gwynn)	Cape Fear	03030002	Alamance	Travis, Tickle, Little Alamance	Stream/Wetland
UT to Martins Creek (Contreras)	Hiwassee	06020002	Cherokee	Peachtree-Martins Creek	Stream/Wetland
* This list includes projects initiated by NCDOT that are located in LWP areas.					

**Appendix A ii. Local Watershed Plans Completed through Phase III as of July 1, 2008**

<b>LWP Name</b>	<b>River Basin</b>	<b>14-digit HU</b>	<b>Initiation Date</b>	<b>Comments</b>	<b>Phase III Completion Date (Contractor)</b>	<b>Phase IV Status</b>
Catheys Creek	Broad	3050105070020	Feb-03	Plan identified four priority subwatersheds for implementation and identified stream and wetland, buffer and BMP projects.	Sep-05 (Earth Tech)	EEP staff performing basic educational outreach. Viable projects available for future mitigation needs.
Cove Creek	Broad	3050105040040 3050105040060 3050105040050	May-06	Fast track LWP to identify and acquire cold/cool stream mitigation needs. Plan identified fourteen stream restoration projects that met EEP minimum requirements	Jul-07 (Earth Tech)	EEP staff investigating a collaborative protection effort for Hickory Nut Mountain
Kenneth and Parker Creeks/Harris Lake	Cape Fear	3030004020010 3030004030010 3030004040010	Apr-03	Several restoration projects and BMP sites identified	Sep-04 (Buck Engineering)	Current mitigation needs are met. Viable projects available for future mitigation needs.
Morgan Creek/Little Creek	Cape Fear	3030002060100 3030002060070 3030002060080	Nov-02	Many restoration projects and BMP sites identified. Atlas sites have been assessed.	Dec-04 (Tetra Tech)	EEP is pursuing several projects. Chapel Hill and Carrboro have received funding from State 319 program to help with BMP implementation, restoration, and preservation efforts in the LWP starting 2009.
New Hanover County	Cape Fear	3030007140010	Sep-00	Many projects and BMP opportunities identified. Several projects funded and/or pursued for funding.	Dec-02 (KCI)	Stream/BMP project is currently in design. Viable projects available for future mitigation needs. NCSU WECO is
Troublesome/Little Troublesome	Cape Fear	3030002010010 3030002010030	Nov-01	Many potential preservation, restoration and BMP sites identified.	February 2004 (Tetra Tech)	Current mitigation needs are met. Viable projects available for future mitigation needs.
Upper and Middle Rocky River	Cape Fear	3030003070010 3030003070020 3030003070050	Oct-03	Good restoration opportunities and favorable stakeholders.	Jun-05 (Tetra Tech)	NCSU WECO has received funding from State 319 program to help restoration and preservation efforts in the LWP starting 2009.
Cranes Creek	Cape Fear	3030004070010 3030004070020	Dec-01	Assessment tasks completed May 2005 (BLUE). Final stakeholder summary and preliminary plan completed by WECO in 2005. Several potential projects identified.	May-08	Current mitigation needs are met. Viable projects available for future mitigation needs.
Charlotte Area LWP	Catawba	3050101170010 3050101170020 3050103020020 3050103020030 3050103020040 3050103020050 3050103020070	Feb-02	Identified many stormwater BMPs/retrofits and ~50,000 ft of stream restoration Four EEP projects are underway	Jul-03 (CH2M Hill)	EEP is contracting with Tetra Tech to conduct Phase IV. Phase IV is focusing on stormwater BMPs as an alternative mitigation strategy to restore lost hydrologic and water quality functions associated with wetland impacts in urban areas.
Lower Creek	Catawba	3050101080010 3050101080020	Jul-03	EEP is working with post-plan stakeholder group (Lower Creek Advisory Team) to implement plan recommendations.	Jul-06 (MacTec)	EEP is continuing landowner outreach and pursuing several stream restoration projects. Caldwell/Burke Soil & Water Conservation District received EPA grant to fund local Watershed Coordinator to implement watershed improvement projects.
Bald Creek	French Broad	6010108080020	Jul-03	Plan identified habitat degradation and straight piping issues.	Feb-06 (Equinox)	Current mitigation needs are met. Viable projects available for future mitigation needs.
Mud Creek	French Broad	6010105030020 6010105030030 6010105030040	Sep-00	Plan documented many non-point sources of impairment and degradation. Two EEP projects are underway and a 319 grant is funding agricultural BMPs. EEP staff participate on Mud Creek Watershed Restoration Council.	Jan-03 (TVA supported this planning effort)	EEP stream restoration project is underway. Henderson County Cooperative Extension Service received EPA grant to fund local Watershed Coordinator to implement plan.
South Hominy Creek	French Broad	6010105060020	Jul-03	Plan identified sediment and nutrients as key stressors.	Jan-06 (Buck Engineering)	EEP stream restoration project is underway. EEP is continuing to pursue identified projects.

**Appendix A ii. Local Watershed Plans Completed through Phase III as of July 1, 2008**

<b>LWP Name</b>	<b>River Basin</b>	<b>14-digit HU</b>	<b>Initiation Date</b>	<b>Comments</b>	<b>Phase III Completion Date (Contractor)</b>	<b>Phase IV Status</b>
Peachtree-Martins Creek	Hiwassee	6020002090020 6020002100040 6020002100050 6020002170010	Jul-05	Plan identified stressors and management strategies, modeled impacts of various growth management measures, and identified 16 restoration sites and 7 preservation sites	Nov-07 (Equinox)	Two restoration projects are underway. EEP is continuing landowner outreach and education
Bear Swamp	Lumber	3040203030010 3040203050010	Oct-03	The plan identified 28 projects. All stream projects were visited and reviewed with local stakeholders. The plan was also	Dec-05 (Earth Tech)	In 2007-2008, EEP worked with the local municipalities, native American tribe and other stakeholders to reach out to
Lockwood Folly River	Lumber	3040207020010 3040207020020 3040207020030 3040207020040 3040207020050	Jun-05	Plan identified 9 watershed management recommendation, 10 stream projects, 8 riparian wetland, 4 non-riparian and 23 stormwater projects. Brunswick County is addressing management recommendations as well as seeking funding for BMP projects.	Jul-07 (Stantec)	EEP is currently pursuing plan-identified stream and riparian wetland projects. NC Coastal Federation received an EEG grant to implement BMPs identified in LWP.
Ellerbe Creek	Neuse	3020201050010	Jan-02	Several restoration projects completed. Additional site searches being conducted in Ellerbe Creek by EcoScience and the City of Durham.	Jan-04 (UNRBA data used for LWP)	EEP is contracting with UNRBA and EcoScience to develop Site Atlas and conduct landowner outreach for five LWPs, including Ellerbe Creek, in Upper Neuse Basin.
Hominy Swamp Creek	Neuse	3020203020040	Sep-99	LWP effort funded through EPA Contentnea Grant. Plan identified several restoration projects and BMP sites.	May-04 (ECU and NCSU supported planning effort)	City of Wilson and WRP jointly implemented a plan-identified stormwater wetland project.
Lake Rogers	Neuse	3020201060010	Jan-02	The original plan did not identify sites for restoration. The current planning process with EcoScience includes site identification in Lake Rogers and extends to the lower section	Dec-03 (Tetra Tech)	In May 2008, EEP initiated contract with UNRBA and EcoScience to develop Site Atlas and conduct landowner outreach for five LWPs, including Lake Rogers, in Upper
Little Lick Creek	Neuse	3020201050020	Sep-04	Staff is determining feasibility of plan identified projects to help meet current nutrient offset mitigation needs	Dec-06 (UNRBA)	In May 2008, EEP initiated contract with UNRBA and EcoScience to develop Site Atlas and conduct landowner
Stoney Creek	Neuse	3020202010010 3020202010020 3020202010021	Core Creek Phase – July 2003; Stoney Creek	Following completion of Phase I on Core Creek, LWP effort moved to Stoney Creek in 2004.	Dec-05 (KCI)	Current mitigation needs are met. Viable projects available for future mitigation needs.
Upper Swift Creek	Neuse	3020201110010 3020201110020	Jul-03	Four EEP projects currently in progress.	Jun-05 (Amec/Tetra Tech)	In May 2008, EEP initiated contract with UNRBA and EcoScience to develop Site Atlas and conduct landowner outreach for five LWPs, including Upper Swift Creek, in Upper Neuse Basin.
Little River and Brush Creek	New	5050001030020 5050001030030	Oct-03	The final Watershed Management Plan focused on the Bledsoe Creek sub-watersheds in the vicinity of Sparta. The final	Jun-07 (WK Dickson)	EEP has initiated the design and construction of several stream and wetlands restoration projects within the LWP.
Pasquotank River	Pasquotank	3010205050010 3010205050020 3010205040010	Dec-01	Potential restoration, enhancement, preservation and BMP opportunities identified.	Feb-04 (DS Pro)	EEP is waiting on resolution of mitigation needs before pursuing projects.
Middle Tar-Pamlico	Tar-Pamlico	Subwatersheds of: 3020103010020  3020103060020 3020103050030 3020103080010	Sep-03	Planning area exhibits water quality and habitat degradation issues. Green Mill Run project has been discontinued; EEP is currently implementing Hendricks Creek project.	Jun-05 (BLUE Land and Water Infrastructure)	Stream/buffer project is currently in design. Viable projects available for future mitigation needs.

**Appendix A ii. Local Watershed Plans Completed through Phase III as of July 1, 2008**

<b>LWP Name</b>	<b>River Basin</b>	<b>14-digit HU</b>	<b>Initiation Date</b>	<b>Comments</b>	<b>Phase III Completion Date (Contractor)</b>	<b>Phase IV Status</b>
Kerr Scott Reservoir	Yadkin	3040101010080 3040101010090 3040101010010 3040101010100 3040101010110	Nov-01	Approximately 60,000 ft of stream restoration identified. Wetland opportunities are negligible.	Jun-04 (Tetra Tech)	Current mitigation needs are met. Viable projects available for future mitigation needs. CWMTF funding sought for Ag BMPs.
Upper Rocky River and Clarke Creek	Yadkin	3040105010010 3040105010020	Dec-01	Many potential projects identified including ~80,000 ft of stream restoration and BMP projects.	Feb-04 (CDM)	Several projects are currently in acquisition.
Upper Rocky River and Coddle Creek	Yadkin	3040105010030 3040105010040 3040105010050 3040105020010	Dec-02	LWP is located adjacent to Upper Rocky River and Clarke Creek LWP area. Together these two LWPs comprise the entire Upper Rocky River drainage system.	Apr-05 (Mactec)	WECO and EEP performed education and outreach activities for landowners and local government. Current mitigation needs are met. Viable projects available for future mitigation needs.

Appendix A iii. LWP Initiatives in Progress/On-Hold					
LWP Name	River Basin	14-digit HU	Initiation Date	Status/Comments	Estimated Phase III Completion Date
Travis, Tickle, Cape Fear 06	Cape Fear	3030002030010 3030002040110	May-06	Project is close to completion with the publishing of a Draft Phase III report and Final HU selection is taking place based on local resource professional input.	November 2008. Piedmont Triad Council of Gov't is providing technical and facilitation. This LWP will be primarily conducted "in-house". A contractor will be used only for GIS analysis and Site Atlas development.
Indian and Howards Creek	Catawba	3050102040040 3050102050010 3050102040030	Jan-08	Plan is in Phase I and the stakeholder process has commenced. Preliminary screening has identified numerous	December 2009. ENTRIX Inc., is contracted to support Phase II fieldwork and development of a project Atlas.
Franklin to Fontana	Little Tennessee	601020240010 601020240020 601020240030 601020240040 601020260010	Jun-08	Phase I activities underway; new land use/cover, riparian buffer datasets developed	Summer 2010. Equinox Environmental is providing technical support.
Lower Neuse	Neuse	Subwatersheds of: 3020204030020 3020204030050 3020204040010 3020204050020 3020204050030 3020204050040	Jun-05	Phase I activities ended January 2006 (EcoScience).	Planning effort has been placed on <b>HOLD</b> pending further mitigation needs.
Fishing Creek	Tar-Pamlico	3020101020010 3020101030010 3020101030020	May-05	Phase II technical assessment draft completed	EEP is contracting with KCI to perform Technical Assessment. Estimated completion date is February 2009.
White Oak 01	White Oak	Subwatersheds of: 3030001020010	Apr-06	Technical Assessment first draft completed	EEP is contracting with East Carolina University and NC Environmental Defense
White Oak 06	White Oak	Subwatersheds of: 3020106030040	Apr-06	Technical Assessment first draft completed	EEP is contracting with East Carolina University and NC Environmental Defense
Ararat River and Upper Yadkin	Yadkin	3040101100010 3040101100020 3040101110010 3040101110020 3040101110030 3040101110040 3040101110050 Subwatersheds of: 3040101110060 3040101110070	Jun-08	This LWP is an abridged 'fast track' effort, designed to produce a final Project Atlas within 12 months of start-up. Sub-watershed prioritization will be completed by October, and additional water quality and benthics monitoring work is slated to begin by October 2008. Quarterly stakeholder meetings began in July of 2008. Recently reported DOT TIP delay has reduced mitigation needs.	McAdams Company – EcoEngineering is providing technical support. Estimated completion date is July 2009.



Appendix A iii. LWP Initiatives in Progress/On-Hold					
LWP Name	River Basin	14-digit HU	Initiation Date	Status/Comments	Estimated Phase III Completion Date
Mountain/Little	Yadkin	3040104010010 3040104010020	Jul-03	Phase I report completed in March 2004 (HDR)	Planning effort has been placed on <b>HOLD</b> pending further mitigation needs.
Upper Uwharrie	Yadkin	3040103050010 3040103050020 3040103050040	Apr-05	Phase I completed August 2005 (Buck Engineering).	Planning effort has been placed on <b>HOLD</b> pending further mitigation needs.
Goose and Crooked	Yadkin	3040105030020 3040105040010	Jun-08	Phase I efforts began with Watershed Technical Team Stakeholder (WTT) kick-	EEP is contracting with Centralina Council of Governments and Tetra Tech for Phase I

#### A iv. Collaborative Projects with Government Entities

Local Government/Municipality	Project Name
Alamance County/Burlington	Little Alamance Creek (Burlington Park)
Cabarrus County	UT Rocky River-Harris Road Middle School
City of Durham	Third Fork Creek (Forest Hills)
City of Durham	Northgate Park (Ellerbe)
City of Durham	Sandy Creek
City of Durham	Ellerbe Creek (Hillandale Golf Course)
City of Durham & Durham Public Schools	Goose Creek
City of Greensboro	Brown Bark Park
City of Greensboro	Benbow
City of Greensboro	Hillsdale
City of Greensboro	Gillespie
City of Greensboro	Price Park
City of New Bern	Simmons St. Stormwater Wetland
Lenoir County/Kinston	Adkin Branch
Mecklenburg County	Freedom Park
Mecklenburg County	Sixmile Creek Wetland
Mecklenburg County	McIntyre Creek
Mecklenburg County	UT to Clarke Creek
Mecklenburg County	Irwin Creek Whitehurst Road
Mooresville Graded School System	Mooresville School Site-Rocky River
Orange County	Stillhouse Creek
Orange County/Town of Carrboro	Bolin Creek (Lake Hogan Farms)
Town of Cary	Town of Cary BMPs
Town of Cornelius	Caldwell Station
Town of Davidson/Mecklenburg County	UT to West Branch of Rocky River
Town of Fletcher	UT to Cane Creek (Fletcher-Meritor Site)
Town of Mooresville	Dye Branch Stream Restoration Project
Town of Roseboro	UT to Little Coharie Creek
Wake County	Lake Myra Headwater Buffer
Wake County	Middle Creek Buffer

# N.C. Ecosystem Enhancement Program

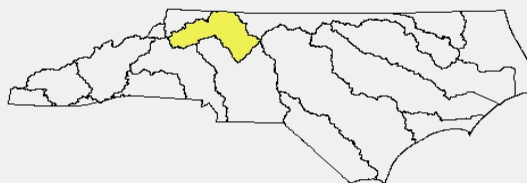


*Restoring... Enhancing... Protecting Our State*

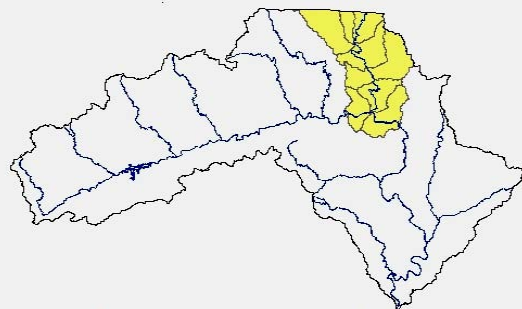
## Ararat River & Upper Yadkin Local Watershed Plan

### FACT SHEET

<u>Location</u> <b>River Basin:</b> <b>Cataloging Unit:</b> <b>14-digit Hydrologic Units:</b> <b>Counties:</b>	<b>Upper Yadkin</b> 03040101 03040101 100010, 100020, 110010, 110020, 110030, 110040, 110050 + partial (north of Yadkin River): 110060 and 110070 <b>Surry</b>
<u>Watershed Area</u>	~ 235 square miles
<u>Planning Contact:</u>	<b>Hal Bryson</b> EEP Watershed Planner, Western Region (828) 450-9408 hal.bryson@ncmail.net
<u>Participants:</u>	<b>Local Advisory Team (LAT)</b> – <i>Committed</i> stakeholders include: NC DWQ, Surry SWCD, Surry NRCS; <i>Prospective</i> stakeholders include: Surry Co. Planning, City of Mount Airy, Town of Pilot Mountain, Piedmont Land Conservancy, NC WRC, NC CWMTF, NC Div. of Parks, Pilot View RC&D, NW Piedmont COG, Trout Unlimited, Resource Institute, Inc.
<u>Contractor(s) / Consultant(s)</u>	<b>John R. McAdams Company</b> Jim Halley, Project Manager <b>NC DWQ – Watershed Assessment Team (WAT)</b> Dave Wanucha, Project Manager



Catalog Unit 03040101,  
Upper Yadkin River Basin



Local Watershed Planning (LWP)  
Study Area

### Project Overview

This Local Watershed Planning (LWP) initiative consists of **three major tasks**: **(1)** a streamlined assessment of watershed conditions across the initial study area (portions of nine 14-digit HUs, comprising 235 sq. miles in the Upper Yadkin River basin in Surry County) – see Figure on next page; **(2)** rapid field assessment of stream channel and riparian buffer conditions within priority sub-watersheds, comprising a Focus Area of approximately 100 square miles; and **(3)** development of a Watershed Assessment Report and Project Atlas. The Project Atlas is geared towards the identification of the most effective sites for stream restoration/enhancement and preservation projects, as well as agricultural and urban Best Management Practices (BMP) project sites. Final LWP documents will support EEP compensatory mitigation goals within the upper Yadkin Cataloging Unit, as well as the needs of local stakeholders seeking to implement non-mitigation projects (e.g., storm water BMPs within urban sub-watersheds) via non-EEP funding.

Staff from **NC DWQ's Watershed Assessment Team (WAT)** will lend vital support to this project by developing and implementing a water quality monitoring plan. This will include sampling for water quality parameters and benthic macro-invertebrates at selected sites within the priority sub-watersheds (to be identified by fall of 2008).

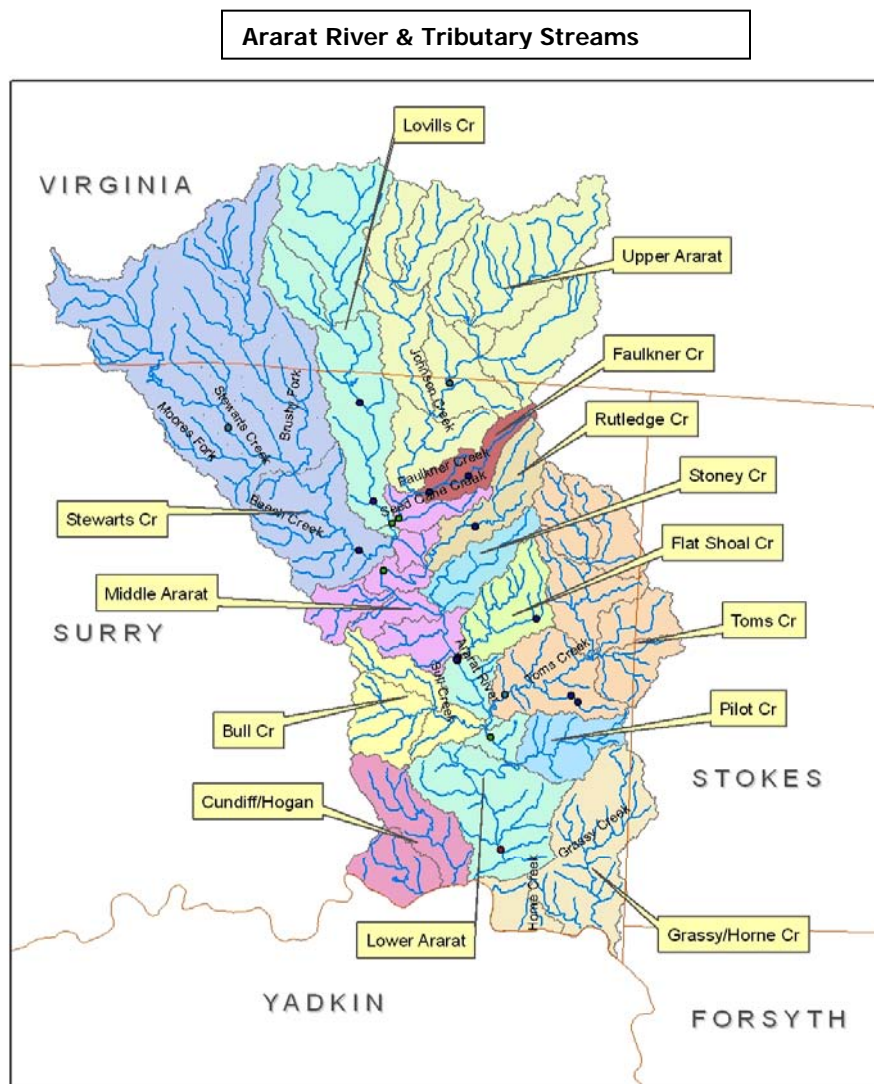
**The nine local watersheds (14-digit HUs) comprising the initial study area for this LWP were selected on the basis of several factors, including:** the presence of impaired, 303(d)-listed stream reaches; the opportunity to partner with key local stakeholders, including Surry NRCS and SWCD; the presence of good candidate sites for stream restoration in rural catchments; prior designation of three of the HUs as EEP Targeted Local Watersheds (TLWs); and the presence of existing watershed projects funded through the NC Clean Water Management Trust Fund (CWMTF).

### Project Schedule

This Local Watershed Planning (LWP) initiative is based on a 'fast track' watershed assessment that began in spring 2008. It will culminate in the summer of 2009 with development of a final Watershed Assessment Report and Project Atlas. A **Local Advisory Team (LAT)** consisting of state and local resource professionals, including land trust and local government staff, will meet quarterly beginning in the summer of 2008 to assist in developing project ranking criteria and BMP recommendations.

### Project Documents

[Will be posted as downloadable files, as they become available.](#)



# N.C. Ecosystem Enhancement Program

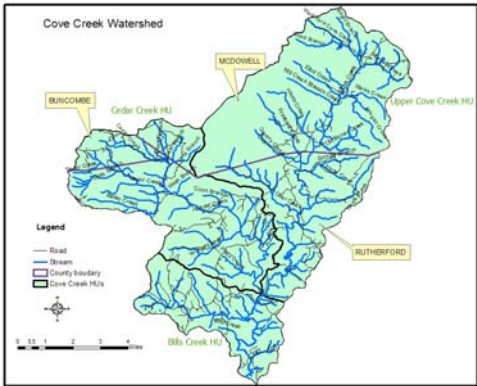
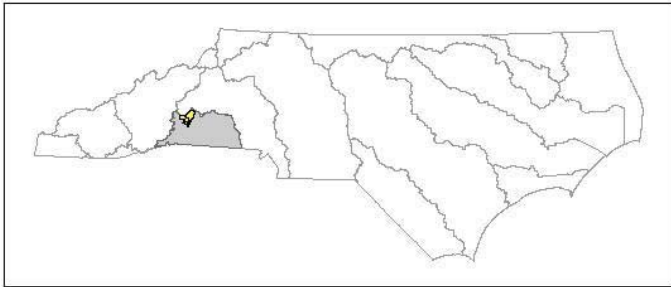


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## COVE CREEK LOCAL WATERSHED PLAN

### FACT SHEET

<b>River Basin:</b>	Broad
<b>Cataloging Unit:</b>	03050105
<b>14-digit Hydrologic Units:</b>	03050105040040, 03050105040050, 03050105040060
<b>Counties:</b>	McDowell, Rutherford
<b>Watershed Area</b>	80 square miles
<b>Planning Contact:</b>	Andrea Leslie - Ecosystem Enhancement Program (828) 337-3455 or <a href="mailto:Andrea.Leslie@ncmail.net">Andrea.Leslie@ncmail.net</a>
<b>Participants:</b>	Rutherford & McDowell Co. NRCS and SWCD
<b>Contractor Hired for Watershed Assessment</b>	Earth Tech, Inc. Contact: Ron Johnson at (919) 854-6210 or <a href="mailto:Ron.Johnson@earthtech.com">Ron.Johnson@earthtech.com</a>

### Project Overview

The Cove Creek watershed is located in a rural area of McDowell and Rutherford Counties. In 2006, Earth Tech was hired to develop a fast-track watershed characterization and restoration strategy for the Cove Creek watershed. This abbreviated planning effort involved GIS analysis of land use, buffer integrity, and recent aerial photographs; field efforts were limited to assessment of channel and in-stream habitat integrity at potential restoration sites. Stakeholder involvement involved several meetings with local Natural Resource Conservation Service and Soil and Water Conservation District technical staff.

The majority of the watershed is forested, and headwater streams are in relatively good condition. Most of the lower gradient bottomlands, through which Cove Creek and some of its tributaries run, are used for pasture, hay, and homes. Cove Creek itself does suffer from severe bank erosion; in many areas, its channel is incised and lacks a woody buffer. Primary stressors for the watershed are stream incision of Cove Creek, inadequate riparian buffers, sedimentation, stream bank erosion, livestock access, and possible nutrient enrichment. The greatest threat to stream integrity is development and



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consequent increases in sedimentation, nutrients, and stormwater. This area is attractive to second home and retirement communities; land prices have skyrocketed, and some larger forested tracts have recently been sold.

A plan was developed to identify stream restoration projects with willing landowners and to name strategies to improve ecological function in July 2007. Management strategies needed to restore and protect stream health include stream and wetland restoration, buffer planting, agriculture, forestry, and stormwater best management practices, and education. The plan identified 14 stream restoration projects that fit the minimum requirements of EEP.

**Project Documents for Download**

[Cove Creek Watershed Management Plan](#) (3.5 mb)

[Cove Creek Plan—Appendices A & B](#) (4.6 mb)

[Cove Creek Plan—Appendices C, D, E & F](#) (3.8 mb)

[Cove Creek Project Atlas](#) (12 mb)



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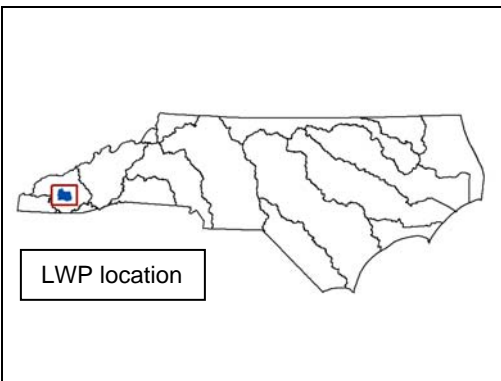

# N.C. Ecosystem Enhancement Program



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## FRANKLIN TO FONTANA LOCAL WATERSHED PLAN

### Fact Sheet

<b>Location:</b> <b>River Basin:</b> <b>Cataloging Unit:</b> <b>14-digit Hydrologic Units:</b> <b>Counties:</b>	Near Franklin, NC Little Tennessee 06010202 0601020240010, 0601020240020, 0601020240030, 0601020240040, 0601020260010 Macon, Swain
<b>Watershed Area</b>	154 square miles
<b>Planning Contact:</b>	Andrea Leslie - Ecosystem Enhancement Program (828) 337-3455 or <a href="mailto:Andrea.Leslie@ncmail.net">Andrea.Leslie@ncmail.net</a>
<b>Participants:</b>	Advisory Committee made up of Local Citizens, Little Tennessee Watershed Association, Land Trust for the Little Tennessee, Macon County, Natural Heritage Program, more.....
<b>Contractor Hired for Watershed Assessment:</b>	Equinox Environmental Consultation and Design, Inc. Contact: Andy Brown at (828) 253-6856 or <a href="mailto:andy@equinoxenvironmental.com">andy@equinoxenvironmental.com</a>
<div style="display: flex; justify-content: space-around;">   </div>	

### Project Overview

The Franklin to Fontana watershed is a 154 mi<sup>2</sup> area near Franklin that encompasses the Little Tennessee River watershed between Lake Emory and Lake Fontana. This area is of great ecological and cultural significance, and it includes a 23-mile free-flowing stretch of the Little Tennessee River that hosts a highly diverse aquatic community, including a number of rare, threatened, and endangered fish and mussels. The area includes Cowee, Burningtown, Iotla, Watauga, Brush, and Tellico Creeks. This primarily rural watershed is a mix of pasture, forest, and residential land, but there is notable development pressure on existing agricultural and forested land.

This project builds on water quality monitoring work performed by the Little Tennessee Watershed Association, Tennessee Valley Authority, and the Division of Water Quality; key monitoring objectives will be set by an advisory committee composed of local citizens and local, state, and federal natural resource and planning professionals.

### Project Schedule

This project will stretch between summer of 2008 and fall of 2010. An initial characterization of the watershed will be complete in January 2009. Intensive watershed monitoring and analysis will take place in 2008 and 2009, and a watershed management plan and project atlas will be available in the fall of 2010.



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## GOOSE & CROOKED CREEK LOCAL WATERSHED PLAN

### FACT SHEET

<b>Location:</b>	Fairview, Hemby Bridge, Indian Trail, Mint Hill, Monroe, Unionville, Stallings, Matthews and unincorporated Mecklenburg and Union Counties
<b>River Basin:</b>	Yadkin
<b>Cataloging Unit:</b>	03040105
<b>14-digit Hydrologic Units:</b>	03040105030020, 03040105040010
<b>Counties:</b>	Union, Mecklenburg
<b>Watershed Area:</b>	95 square miles
<b>Planning Contact:</b>	Anjie Ackerman (919) 715-1950 E-Mail: <a href="mailto:anjie.ackerman@ncmail.net">anjie.ackerman@ncmail.net</a>
<b>Participants:</b>	County Staff, NRCS, SWCD, State and Federal Resource Agencies.
<b>Contractor Hired for Watershed Assessment:</b>	Centralina Council of Governments ( <a href="http://www.centralina.org">www.centralina.org</a> ) Jason Wager (704) 348-2707 Tetra Tech, Inc., Raleigh, NC ( <a href="http://www.tetrattech.com">www.tetrattech.com</a> ) Todd Kennedy (919) 485-8278

**Project Overview** The Goose and Crooked Creek watersheds are located in Mecklenburg and Union Counties between Charlotte and Monroe. Goose Creek is home to an existing population of a federally listed endangered fresh water mussel, known as the Carolina heelsplitter (*Lasmigona decorata*), and is also listed on the State's list of impaired waters for high fecal coliform levels. Likely sources for the bacteria are small municipal wastewater treatment plants and agricultural runoff. Crooked Creek is also an impaired water due to poor biological health. Construction, stormwater runoff, and agricultural use are the likely stressors to aquatic health in Crooked Creek. Development in both watersheds further threaten their aquatic health.

Goose Creek has been the focus of watershed protection in recent years by both North Carolina's Wildlife Resources Commission and the U.S. Fish and Wildlife Service because of the endangered Carolina heelsplitter. In Crooked Creek, activities by municipalities to control flooding and manage stormwater have demonstrated the



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need for watershed planning. The Local Watershed Plan looks to build on prior planning efforts in these watersheds and develop a strategy for improving water quality and biological conditions.

Please visit the Plan website for further information on background, meetings, reports, and more:  
<http://www.gooseandcrooked.org/>

**Project Schedule** Phase I of the project began Summer 2008.



Non-Forested Stream Channel



Open land in the area is threatened by rapid development



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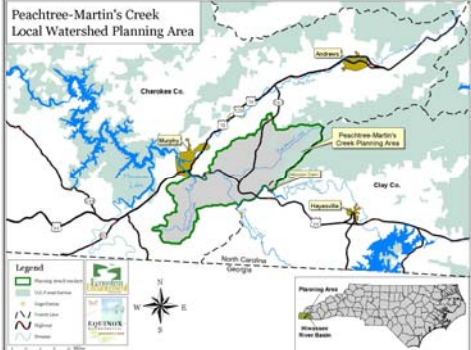


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## PEACHTREE-MARTINS CREEK LOCAL WATERSHED PLAN Fact Sheet

<b>Location:</b>	Near Murphy, NC
<b>River Basin:</b>	Hiwassee
<b>Cataloging Unit:</b>	06020002
<b>14-digit Hydrologic Units:</b>	06020002090020, 06020002100040, 06020002100050, 06020002170010
<b>Counties:</b>	Cherokee, Clay
<b>Watershed Area</b>	39 square miles
<b>Planning Contact:</b>	Andrea Leslie - Ecosystem Enhancement Program (828) 337-3455 or <a href="mailto:Andrea.Leslie@ncmail.net">Andrea.Leslie@ncmail.net</a>
<b>Participants:</b>	Hiwassee River Watershed Coalition, Tennessee Valley Authority, Local Advisory Committee
<b>Contractor Hired for Watershed Assessment</b>	Equinox Environmental Consultation and Design, Inc. Contact: Jim Blose at (828) 253-6856 or <a href="mailto:jim@equinoxenvironmental.com">jim@equinoxenvironmental.com</a>
 	

### Project Overview

The Peachtree-Martins Creek watershed is a 39 mi<sup>2</sup> area near Murphy, including Martins Creek, Peachtree Creek, Slow Creek, and Mission Branch. Land use is a mix of pasture, forest, and residential land. Development pressure on agricultural and forested land is increasing, as growth from the Atlanta metro area expands. This local watershed plan, completed in 2007, expanded on watershed restoration work performed by the Hiwassee River Watershed Coalition and natural resource agencies.

The watershed team consisted of staff of EEP, Equinox Environmental, Division of Water Quality, and the Hiwassee River Watershed Coalition. They performed intensive field assessment and landowner outreach activities, carrying out recommendations named by a local advisory committee. The Tennessee Valley Authority developed new land use and riparian buffer datasets from low altitude aerial photography and produced an Integrated Pollutant Source Identification database in March 2006.

Present stressors identified that limit stream integrity are lack of riparian vegetation, channel modification, excess nutrients and sediments, fecal bacterial contamination, stormwater pollutants and velocities, groundwater



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contamination, and sediment inputs from a local quarry. Future stressors from new development were modeled given various development scenarios and land management policies.

Management strategies to address both present and future stressors were identified. Sixteen stream restoration projects and seven preservation projects were identified for EEP's consideration.

### **Plan Implementation**

EEP staff have two stream restoration projects in design in the Martins Creek subwatershed, an area prioritized by the local advisory team for project implementation. The Hiwassee River Watershed Coalition is implementing various plan recommendations, including stormwater management and continued landowner education.

Planning documents are available on the Peachtree-Martins Creek Local Watershed Plan website at  
<http://www.hrwc.net/peachtreemartinslwp.htm>



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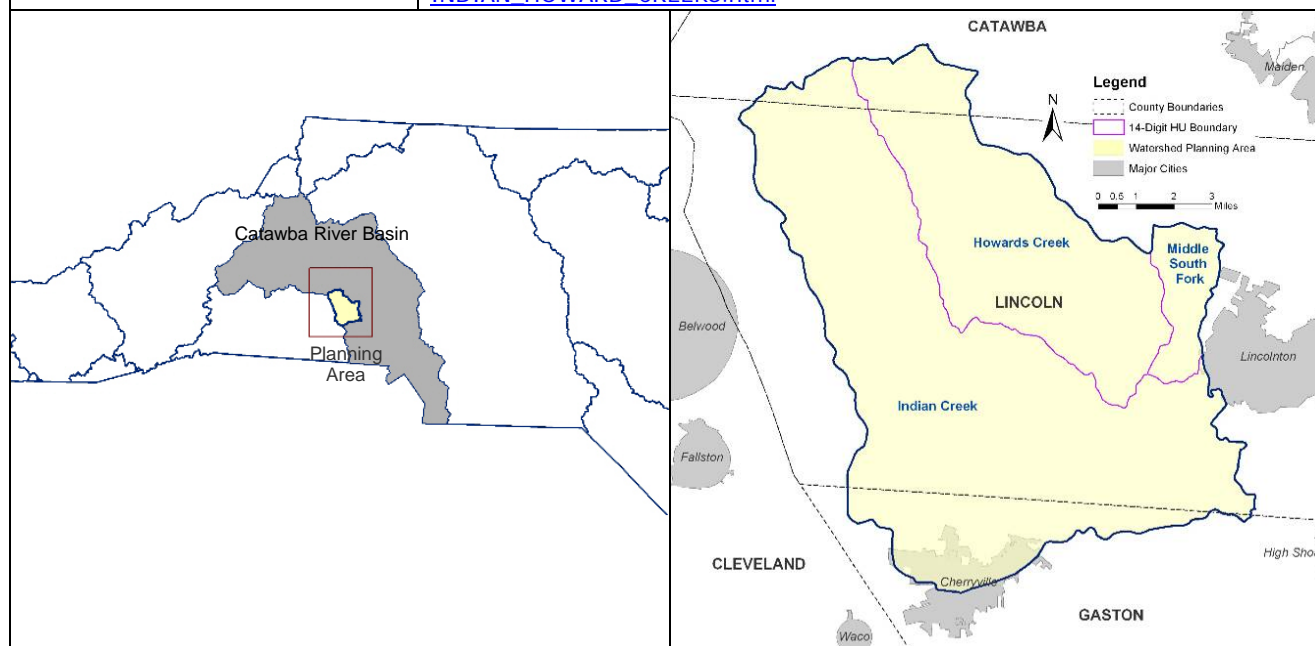


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## INDIAN AND HOWARDS CREEK LOCAL WATERSHED PLAN

### FACT SHEET

<b>Location:</b>	West of the City of Lincolnton
<b>River Basin:</b>	Catawba River Basin's South Fork
<b>Cataloging Unit:</b>	03050102
<b>14-digit Hydrologic Units:</b>	03050102040040, 03050102050010, 03050102040030
<b>Counties:</b>	Lincoln, Catawba, and Gaston
<b>Watershed Area:</b>	Indian Creek 75 mi <sup>2</sup> , Howard's Creek 34 mi <sup>2</sup> , Middle South Fork 5 mi <sup>2</sup>
<b>Planning Contact:</b>	Mike Herrmann (919) 715-5458 E-Mail: <a href="mailto:Michael.Herrmann@ncmail.net">Michael.Herrmann@ncmail.net</a>
<b>Participants:</b>	County Staff, NRCS, SWCD, State and Federal Resource Agencies.
<b>Supporting Consultant:</b>	ENTRIX Inc.
<b>Project Website:</b>	<a href="http://www.nceep.net/services/lwps/Indian_Howards_Creek/INDIAN_HOWARD_CREEKS.html">http://www.nceep.net/services/lwps/Indian_Howards_Creek/INDIAN_HOWARD_CREEKS.html</a>



### Project Overview

Indian, Howards, and Middle South Fork Hydrologic Units are a part of the South Fork of the Catawba River Basin. The three watersheds are contiguous and cover portions of Lincoln, Catawba and Gaston County. The watersheds are largely rural with a mix of forest and farms. Drinking water intake sites for the cities of Cherryville and Lincolnton are located within the watershed planning area.

In 2006, Lower Indian Creek was identified by NC Division of Water Quality as having impaired biology. Field visits to the area revealed impacts to streams, their riparian area, and wetlands.



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Area resource professionals have been working proactively to improve water quality in the South Fork and protect their drinking water. EEP will partner with these groups.

The planning process began in early 2008 with review of existing data on the watersheds and stakeholder meetings with resource professionals. Fieldwork and monitoring are scheduled for late 2008 and into 2009. The planning portion of the project is expected to be completed in December 2009. Project materials, including meeting notes, maps, and reports, can be downloaded from the project [website](#).

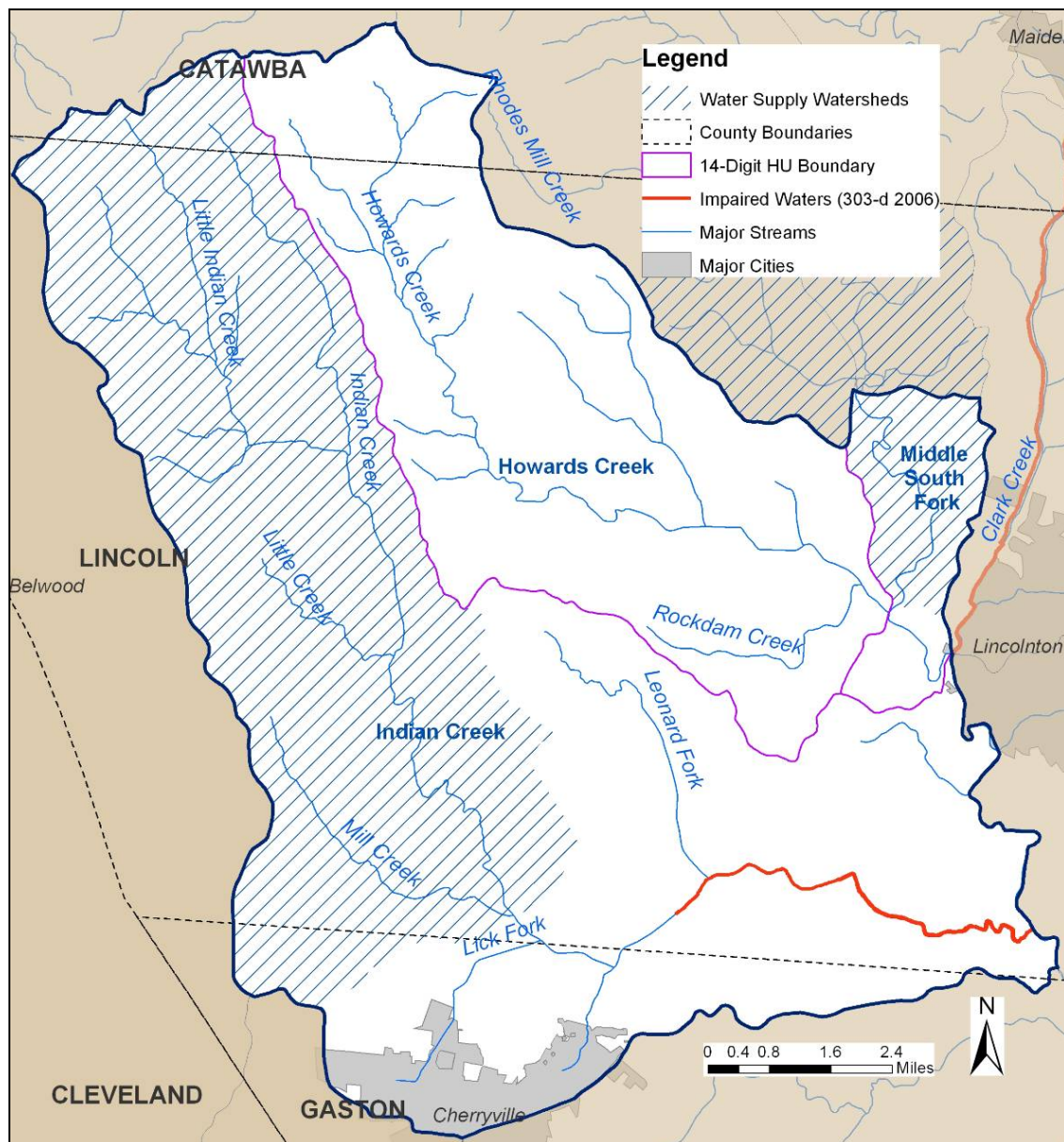


Figure 1. Local Watershed Plan Area Detail.



# N.C. Ecosystem Enhancement Program



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## LOCKWOOD FOLLY RIVER LOCAL WATERSHED PLAN

### FACT SHEET

<b>Location</b> <b>River Basin:</b> <b>Cataloging Unit:</b> <b>Hydrologic Units:</b>	Lumber 03040207 03040207020010, 03040207020020, 03040207020030, 03040207020040, and 03040207020050	
<b>County:</b>	Brunswick	
<b>Watershed Area:</b>	153 square miles	
<b>Planning Contact:</b>	Michele Drostin Ecosystem Enhancement Program (919) 715-6817 <a href="mailto:michele.drostin@ncmail.net">michele.drostin@ncmail.net</a>	
<b>Stakeholder Involvement:</b>	EEP partnered with the Lockwood Folly Roundtable sponsored by Brunswick County and NC Coastal Federation	
<b>Contractor Hired For Watershed Assessment:</b>	Stantec Contact Jason Doll at <a href="mailto:mailto:Jason.doll@stantec.com">mailto:Jason.doll@stantec.com</a>	<b>Location Maps</b>

### Project Overview

The Lockwoods Folly River watershed is located in Brunswick County. It originates near the town of Bolivia and empties to the Atlantic through the Lockwoods Folly Inlet. A large portion of the watershed is forest/wetlands but is experiencing increasing development, with Brunswick County being one of the fastest growing counties in North Carolina. The Lockwoods Folly River is listed on the 303(d) list of impaired waters for shellfish closures due to fecal coliform bacteria.

The watershed plan identified fecal coliform and nutrients as the primary water quality pollutants. The stakeholder group, the Lockwoods Folly Roundtable, recommended Low Impact Development as one of its 9 management strategies. The Plan modeled five different build-out scenarios to reveal the impact of future development on nutrient, fecal coliform and suspended solids loading. This data supports the use of Low Impact Development to reduce pollutant load. Through GIS analysis, 85 potentially impacted stream and wetland sites were identified and field verified. 140 additional sites were selected randomly and assessed in the field to determine watershed health. Impacted sites were identified for restoration. Ten stream, twelve wetland and 23 BMP sites were identified for restoration/retrofit.

## **Project Schedule**

- April 2005—HU selection completed & Phase I data collection initiated
- February 2006--*Preliminary Findings Report* completed
- June 2007—Final *Detailed Assessment and Targeting of Management Report*

## **Documents**

[\*Lockwoods Folly Local Watershed Plan Preliminary Findings Report\*](#)  
[\*Lockwoods Folly Detailed Assessment and Targeting of Management Report\*](#)  
[\*Appendix A: Lockwoods Folly River Water Quality Study\*](#)  
[\*Appendix B: Modeling Methods\*](#)  
[\*Appendix C: Ecological Assessment of Three Coastal Stream Networks\*](#)  
[\*Appendix D: Lockwood Folly River Water Quality Strategy\*](#)



**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2007-5174	Cedar Mountain	2006-1838	2006-41842-219	CAPE FEAR	03030002	7 /12/2007	156	0	0	0	\$36,192.00
ILF-2006-4185	Autumn Trace	2006-0357	2005-20146	CAPE FEAR	03030002	7 /18/2007	234	0	0	0	\$54,288.00
ILF-2006-4893	West Cary- White Oak Greenway		2007-806-292	CAPE FEAR	03030002	7 /24/2007	0	0.76	0	0	\$27,847.00
ILF-2007-5380	Parks at Meadowview - Harris Tract Addition	2006-0616	200702607	CAPE FEAR	03030002	8 /27/2007	0	0.10	0	0	\$7,337.75
ILF-2007-5131	Damascus Church Road	2007-0235	2007-939-268	CAPE FEAR	03030002	9 /25/2007	0	0.24	0	0	\$7,337.75
ILF-2007-5159	Wake Med Apex Healthplex Building	2007-0193	200702603-292	CAPE FEAR	03030002	10/1 /2007	0	0	0.29	0	\$7,338.00
ILF-2007-5366	Lake Townsend Dam Replacement	2007-0410	2007-00895-241	CAPE FEAR	03030002	10/4 /2007	480	0.40	0	0	\$132,275.50
ILF-2007-5295	E-22 Elementary School Access/Mills Park Drive	2007-0503	2008-00035	CAPE FEAR	03030002	11/2 /2007	518	1.00	0	0	\$148,023.00
ILF-2007-5807	Scott King Road		2005-20574	CAPE FEAR	03030002	11/27/2007	0	0.30	0	0	\$14,675.50
ILF-2007-5501	Beckwith Property	2007-1235	2007-03230-29	CAPE FEAR	03030002	12/4 /2007	187	0.22	0	0	\$53,152.75
ILF-2007-5304	East Alamance Quarry	2005-0688	2005-21057-201	CAPE FEAR	03030002	2 /26/2008	3,044	0.88	0	0	\$775,131.00
ILF-2007-5346	Providence Place Subdivision	2004-0679	2003-20078	CAPE FEAR	03030002	3 /3 /2008	0	0.27	0	0	\$14,675.50
ILF-FME-2005-1599	Siler City Rocky River Lower Reservoir Expansion	2001-1729	200220234	CAPE FEAR	03030003	7 /11/2007	10,615	0	0	0	\$2,324,685.00
ILF-2006-4876	Hickory Downs	2007-0689	200620594	CAPE FEAR	03030003	8 /1 /2007	0	0	0.40	0	\$7,338.00
ILF-2005-4148	Hornaday Road Improvements	2006-0138	200620357	CAPE FEAR	03030003	8 /17/2007	220	0	0	0	\$48,180.00
ILF-2006-4568	West Landing Development	2006-1758	2006-20400-253	CAPE FEAR	03030003	1 /29/2008	564	0.14	0	0	\$145,517.75



**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2006-4720	Kersey Valley MSW Landfill Area 2	2006-1137	2006-40164-241	CAPE FEAR	03030003	5 /12/2008	740	0.37	0	0	\$195,975.50
ILF-2006-4658	Spring Hill Subdivision (Lillington)	2006-1052	2006-00280-043	CAPE FEAR	03030004	9 /20/2007	0	0.47	0	0	\$14,675.50
ILF-2007-5734	Forest Ridge	2007-0611	2007-1356-063	CAPE FEAR	03030004	9 /25/2007	0	0.37	0	0	\$14,675.50
ILF-2007-5132	Cliffs at Waterford	2007-0125	2006-41055	CAPE FEAR	03030004	10/9 /2007	128	0.09	0	0	\$38,697.75
ILF-2007-5546	Cypress Lane Lots LRK 15993 Lot 110		2007-02789-063	CAPE FEAR	03030004	12/4 /2007	0	0.10	0	0	\$7,337.75
ILF-2007-5539	Cypress Lane Lots LRK 14764		2007-02789-063	CAPE FEAR	03030004	12/17/2007	0	0.05	0	0	\$7,337.75
ILF-2007-5545	Cypress Lane Lots LRK 15600		2007-02789-063	CAPE FEAR	03030004	12/17/2007	0	0.08	0	0	\$7,337.75
ILF-2007-5547	Cypress Lane Lots LRK 28298		2007-02789-063	CAPE FEAR	03030004	12/17/2007	0	0.13	0	0	\$7,337.75
ILF-2006-4367	Weldon Ridge, Phase II B	2005-1876	200620614	CAPE FEAR	03030004	12/27/2007	450	0.46	0	0	\$111,673.00
ILF-2007-5352	Seven Lakes CC Practice Range	1996-0849	2007-142-063	CAPE FEAR	03030004	1 /23/2008	0	0.14	0	0	\$7,337.75
ILF-2007-5488	Overhills Creek SD Section 7	2007-0791	2005-454	CAPE FEAR	03030004	2 /7 /2008	0	0	0.25	0	\$3,669.00
ILF-2007-5542	Forest Oaks Subdivision	2007-1237	2007-01102-043	CAPE FEAR	03030004	2 /13/2008	0	0	0.42	0	\$7,338.00
ILF-2007-5722	Broadstone Station- wetlands	2007-1586	2007-03463	CAPE FEAR	03030004	3 /7 /2008	0	0.20	0	0	\$7,337.75
ILF-2008-5906	Riley Paving	2007-2256	2008-00064	CAPE FEAR	03030004	3 /14/2008	0	0.13	0	0	\$7,337.75
ILF-2007-5084	Southern Pines Corporate Park	2006-1763	2007-615-063	CAPE FEAR	03030004	3 /27/2008	0	0.12	0	0	\$7,337.75
ILF-2008-5992	Tremont Place Wetlands	2008-0207	2007-02956-063	CAPE FEAR	03030004	4 /18/2008	0	0.50	0	0	\$14,675.50

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2007-5393	Green Oaks Parkway Second Request	2005-0150	2008-00129	CAPE FEAR	03030004	6 /13/2008	244	0.40	0	0	\$74,455.50
ILF-2007-5504	Carolina Lakes Block T	2007-0184	2006-41496-043	CAPE FEAR	03030004	6 /18/2008	0	0	2.00	0	\$29,352.00
ILF-2007-5300	Hawkeswater Subdivision	2007-0059	20070125010	CAPE FEAR	03030005	7 /23/2007	0	0.31	0	0	\$13,923.50
ILF-2007-5120	Watermark Landing	2006-1327	2001-1253-065	CAPE FEAR	03030005	7 /25/2007	0	0.38	0	0	\$14,676.00
ILF-2006-5028	Avalon	2005-2197	200641723	CAPE FEAR	03030005	8 /24/2007	150	0	0	0	\$36,750.00
ILF-2007-5234	Laurenbridge	2007-1363	2005-00625-065	CAPE FEAR	03030005	9 /10/2007	0	0	0.43	0	\$7,338.00
ILF-2007-5724	Village Landing		2006-32732	CAPE FEAR	03030005	11/2 /2007	0	0	0.09	0	\$3,669.00
ILF-2007-5710	Kings Bluffs Pump Station		2006-41503-009	CAPE FEAR	03030005	11/29/2007	0	0.15	0	0	\$7,337.75
ILF-2007-5173	Saint James Mini Storage	2003-0274	2007-899	CAPE FEAR	03030005	12/11/2007	0	0	0.38	0	\$7,338.00
ILF-2007-5888	Campus Square Second request	2006-0841	2006-32627-065	CAPE FEAR	03030005	2 /14/2008	0	0	0.17	0	\$3,669.00
ILF-2007-5868	1632 Sound Watch Drive		2000-01339-065	CAPE FEAR	03030005	3 /7 /2008	0	0	0.27	0	\$7,338.00
ILF-2006-4527	Carolina Beach Village, Lot 12		2006-32506-065	CAPE FEAR	03030005	3 /20/2008	0	0	0.18	0	\$3,669.00
ILF-2008-5922	Steve Jones Home	2008-0087	2006-00098	CAPE FEAR	03030005	3 /20/2008	0	0	0.18	0	\$3,669.00
ILF-2005-3797	Taber Family		200400796	CAPE FEAR	03030005	4 /17/2008	0	0.50	0	0	\$14,675.50
ILF-2008-6044	West Gate Best Western	2008-0111	2008-386	CAPE FEAR	03030005	4 /24/2008	0	0.16	0	0	\$7,337.75
ILF-2008-6122	Cape Fear Academy Athletic Fields		2006-32594-065	CAPE FEAR	03030005	6 /12/2008	0	0	0.10	0	\$3,669.00

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2008-6038	MJ Storage - Leland		2007-02221-010	CAPE FEAR	03030005	6 /19/2008	0	0.18	0	0	\$7,337.75
ILF-2007-5299	Oxford Woods Subdivision	2007-0667	2007-01408-043	CAPE FEAR	03030006	7 /1 /2007	0	0	0.37	0	\$6,962.00
ILF-2006-4652	Hampstead Business Park	2006-1242	2006-00618	CAPE FEAR	03030007	9 /6 /2007	0	0.49	0	0	\$14,675.50
ILF-2007-5217	New Hanover County Well Field & WTP	2006-1581	2003-01188-065	CAPE FEAR	03030007	11/1 /2007	0	0	2.00	0	\$29,532.00
ILF-2007-5367	84 Lumber Blue Clay Storage Bldg.		2007-01711-065	CAPE FEAR	03030007	12/4 /2007	0	0	0.25	0	\$3,669.00
ILF-FME-2005-1839	Pender Adult Services Center	2005-1359	2005-01060	CAPE FEAR	03030007	1 /29/2008	0	0	0.38	0	\$7,338.00
ILF-2007-5847	Seven Pines Subdivision Road Crossing	1994-1062	2006-00571	CAPE FEAR	03030007	2 /13/2008	0	0	0.01	0	\$3,669.00
ILF-2007-5357	Parson's Mill	2007-1158	2004-01067	CAPE FEAR	03030007	3 /27/2008	297	0.32	0.13	0	\$91,109.50
ILF-2007-5379	Lakeview Road Site	2007-0936	2007-1932-390	CATAWBA	03050101	8 /6 /2007	300	0	0	0	\$73,500.00
ILF-FME-2005-1770	Villages of Denver	2005-0993	200532056	CATAWBA	03050101	12/27/2007	281	0	0	0	\$68,845.00
ILF-2007-5758	Ashleigh Drive Commercial Center	2007-1376	2007-02662-349	CATAWBA	03050101	1 /15/2008	300	0	0	0	\$73,500.00
ILF-2007-5330	Catawba Dam Stability Improvement	2007-0710	200630816	CATAWBA	03050101	1 /17/2008	189	7.20	0	0	\$259,099.75
ILF-2008-5948	Long Creek Commercial Center	2008-0245	2008-00395-360	CATAWBA	03050101	6 /13/2008	0	0.92	0	0	\$29,351.00
ILF-2007-5421	Poston Park Property	2007-1245	2007-02323-336	CATAWBA	03050102	5 /27/2008	717	0	0	0	\$175,665.00
ILF-2007-5128	Ardrey Kell Site	2007-0655	2007-13-360	CATAWBA	03050103	7 /19/2007	0	0	0.50	0	\$7,338.00
ILF-2007-5465	Wesley Village	2007-1207	200702249390	CATAWBA	03050103	8 /28/2007	245	0	0	0	\$60,025.00

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2007-5420	Carolina Golf Club	2006-1168	2006-32285-360	CATAWBA	03050103	8 /30/2007	380	0	0	0	\$93,100.00
ILF-2007-5694	Providence Road West Commercial Development	2007-1673	2007-02551-360	CATAWBA	03050103	12/27/2007	0	0.12	0.20	0	\$11,006.75
ILF-2006-4450	Airport Rd Retail Center- Wal-Mart 1179-02	2006-0922	2006-32342-311	FRENCH BROAD	06010105	11/15/2007	0	3.56	0	0	\$110,066.25
ILF-2007-5280	Wolfchase	2007-0608	2007-1321-345	FRENCH BROAD	06010105	2 /25/2008	297	0	0	0	\$72,765.00
ILF-2007-5226	Weirbridge Subdivision	2007-0327		FRENCH BROAD	06010105	3 /17/2008	229	0	0	0	\$63,442.75
ILF-2007-5586	Cummings Cove Mountain Top Phase 3-5	2007-1990	2007-3833	FRENCH BROAD	06010105	4 /11/2008	288	0	0	0	\$70,560.00
ILF-2007-5576	Cliffs at High Carolina	2007-0656	2007-01619-311	FRENCH BROAD	06010105	6 /12/2008	149	0	0	0	\$36,505.00
ILF-2007-5541	Sunset Falls at Bald Creek	2007-1481	2007-02364-344	FRENCH BROAD	06010106	1 /8 /2008	141	0	0	0	\$34,545.00
ILF-2007-5305	Haskins Pond	2006-0809	2007-00897-356	LITTLE TENNESSEE	06010202	7 /5 /2007	50	0	0	0	\$11,600.00
ILF-2008-6269	Tidelands Preserve	2008-0738	2006-40932-010	LUMBER	03040204	6 /30/2008	0	0.24	0	0	\$7,337.75
ILF-2006-4739	CHC Excavation Site	2006-1402	2006-40668-010	LUMBER	03040206	11/1 /2007	0	0	1.00	0	\$14,676.00
ILF-2007-5555	Government Complex Road Extension		2007-04009	LUMBER	03040206	2 /13/2008	0	0	0.47	0	\$7,338.00
ILF-2007-5267	Waterbrook Woods	2006-0337	2006-00635-010	LUMBER	03040207	7 /12/2007	0	0	0.62	0	\$11,007.00
ILF-2006-5004	Kingfish Bay	2007-0587	2006-20	LUMBER	03040207	9 /7 /2007	54	0.25	0	0	\$20,567.75
ILF-2007-5517	Eagle Creek	2007-0816	2006-41798-010	LUMBER	03040207	9 /25/2007	0	0	0.36	0	\$7,338.00
ILF-2007-5218	Randolphville Road Tract	2002-0035	2002-00268-010	LUMBER	03040207	10/9 /2007	0	0	1.00	0	\$14,676.00

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2005-3710	East Pelican Drive, Lot 2	2006-0435	2004-00321	LUMBER	03040207	12/17/2007	0	0	0.25	0	\$3,669.00
ILF-2006-4363	Goose Marsh		2006-32207-010	LUMBER	03040207	1 /8 /2008	0	0.13	0	0	\$7,337.75
ILF-2007-5725	Silver Palms at Holden Beach Shores		2006-41796-010	LUMBER	03040207	1 /8 /2008	0	0	0.16	0	\$3,669.00
ILF-2006-4449	Lee Tracts	2006-0674	2006-32082-010	LUMBER	03040207	1 /14/2008	0	0	0.44	0	\$7,338.00
ILF-2007-5759	Glenkirk Subdivision	2007-1732	2006-41094	LUMBER	03040207	1 /15/2008	0	0.25	0	0	\$7,337.75
ILF-2007-5470	Tidewater at Oceanisle	2007-0982	200501078	LUMBER	03040207	1 /16/2008	0	0	0.77	0	\$14,676.00
ILF-2007-5726	Meadow Ridge Access Storage		2005-00321-010	LUMBER	03040207	3 /10/2008	0	0	0.50	0	\$7,338.00
ILF-2007-5743	Two-Eleven Midway Road	2007-1401	2005-833	LUMBER	03040207	4 /8 /2008	438	0.16	0.11	0	\$118,316.75
ILF-2007-5730	Sea Watch at Sunset Harbor	2005-2146		LUMBER	03040207	5 /14/2008	64	0	0	0	\$15,680.00
ILF-2005-3745	Rowland Business Park - Second Invoice	2002-0243	200221185	NEUSE	03020201	7 /3 /2007	167	0	0	0	\$38,744.00
ILF-2007-5170	Glen Laurel East Subdivision	2006-1321	2006-20198	NEUSE	03020201	7 /12/2007	270	0	0	0	\$62,640.00
ILF-2006-5040	Pearl Creek	2006-1900	200632508-292	NEUSE	03020201	7 /19/2007	289	0.10	0.15	0	\$77,490.75
ILF-2007-5338	Watson Property	2007-0744	200620349-292	NEUSE	03020201	9 /18/2007	590	0.47	0	0	\$159,225.50
ILF-2006-4384	Town of Cary Windsor Oaks Water/Sewer Ext	2006-0613		NEUSE	03020201	9 /18/2007	0	0.48	0	0	\$13,123.00
ILF-2007-5122	42 East	2007-0018	2007-01106-292	NEUSE	03020201	10/5 /2007	293	0	0	0	\$71,785.00
ILF-2007-5451	Perry Creek Road Ext.	2007-1057	200702520-292	NEUSE	03020201	10/22/2007	456	0	0	0	\$111,720.00

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

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ILF-2006-4872	Wendell Falls	2006-1617	2006-20100-292	NEUSE	03020201	11/9 /2007	2,354	2.15	0	0	\$642,769.75
ILF-2007-5500	Walnut Creek Greenway	2004-0838	2007-03392	NEUSE	03020201	11/15/2007	120	0.29	0	0	\$44,075.50
ILF-2006-4476	deVintage Subdivision: Wetlands		2006-40296-292	NEUSE	03020201	12/11/2007	0	0	0.12	0	\$3,669.00
ILF-2007-5099	Garrison Subdivision	2006-1393	2007-03284	NEUSE	03020201	12/17/2007	0	0.58	0	0	\$22,013.25
ILF-2006-4644	Ashton Hall Subdivision	2006-1042	200520047	NEUSE	03020201	1 /14/2008	0	0.66	0	0	\$22,013.25
ILF-2006-4933	Ashton Village	2006-1742	2006-41588-292	NEUSE	03020201	1 /28/2008	0	0.15	0	0	\$7,337.75
ILF-2006-4991	Wal-Mart Store 4447-00 Raleigh SE	2006-1855	2006-20745	NEUSE	03020201	2 /5 /2008	0	0	0.40	0	\$7,338.00
ILF-2006-5003	Morrisville Parkway Extension Phases Ic, II & IIId	2005-1360	2006-20573-292	NEUSE	03020201	2 /8 /2008	500	1.82	0	0	\$181,202.00
ILF-2006-4850	Shiloh Crossing	2004-1764	2004-21479-292	NEUSE	03020201	2 /29/2008	548	0.25	0.25	0	\$145,266.75
ILF-2007-5732	E-Suites Hotel		2008-00486	NEUSE	03020201	3 /10/2008	271	0	0	0	\$66,395.00
ILF-2007-5864	Old NC Hwy 86 Widening- Waterstone Drive	2005-1967	2008-00133	NEUSE	03020201	3 /14/2008	0	0.04	0	0	\$7,337.75
ILF-2007-5794	Brandon Drive Building	2005-0674	200520932	NEUSE	03020201	3 /17/2008	0	0	0.94	0	\$14,676.00
ILF-2007-5410	Lake Glad Road Comm.Dev.	2007-0241	2007-02851-239	NEUSE	03020201	4 /7 /2008	0	0.78	0	0	\$29,351.00
ILF-2006-4544	Woodhurst Subdivision	2006-0993	2006-32677-292	NEUSE	03020201	4 /24/2008	0	0.60	0	0	\$22,013.25
ILF-2008-5904	Schieffelin Industrial Park	2008-0370	2008-00867-292	NEUSE	03020201	5 /22/2008	0	0.23	0	0	\$7,337.75
ILF-2007-5879	Laurel Park II- wetlands	2008-0308	2008-00677-292	NEUSE	03020201	6 /11/2008	0	0.11	0	0	\$7,337.75



**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

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ILF-2007-5835	Brightwood Trails Subdivision		200704201	NEUSE	03020201	6 /13/2008	0	0.17	0	0	\$7,337.75
ILF-2007-5867	Austin Creek SD Sewer Connector	2005-1480	2008-00884-292	NEUSE	03020201	6 /13/2008	0	0.21	0	0	\$7,337.75
ILF-2007-5793	Lufkin Road Realignment	2007-2019	2008-00321-292	NEUSE	03020201	6 /17/2008	0	0.52	0	0	\$22,013.25
ILF-2007-5890	Drayton Estates	2008-0322	2008-00872-292	NEUSE	03020201	6 /27/2008	0	0.14	0	0	\$7,337.75
ILF-2007-5390	Factory Mattress and Bedrooms	2007-1015	200703830	NEUSE	03020203	12/4 /2007	0	0	0.29	0	\$7,338.00
ILF-2007-5765	Tree Farm, Phase III	2005-0172	2007-03542	NEUSE	03020203	2 /22/2008	145	0	0	0	\$35,525.00
ILF-2006-5030	Rivershore Planned Unit Development	2006-1931	2007-878-125	NEUSE	03020204	8 /1 /2007	0	0.17	0	0	\$6,961.75
ILF-2007-5852	Silver Creek (Ashe County)	2007-0116	2007-213-305	NEW	05050001	4 /16/2008	0	0.30	0	0	\$14,675.50
ILF-2007-5850	Boyce Brown Property	2007-2023	2007-3946	NEW	05050001	5 /21/2008	280	0.10	0	0	\$75,937.75
ILF-2007-5150	152 Egret Lane	2006-1803	2007 00206 127	PASQUOTANK	03010205	7 /9 /2007	0	0	0.16	0	\$3,481.00
ILF-2006-4361	Cove at Southern Shores	2006-0158	200610403	PASQUOTANK	03010205	7 /9 /2007	0	0	0.70	0	\$11,007.00
ILF-2006-4843	Sugar Creek South Condos	2006-1648	200641467128	PASQUOTANK	03010205	8 /9 /2007	0	0	0.03	0	\$3,669.00
ILF-FME-2005-1444	Shallowbag Bay, 310 Fernando St.	2004-1827	200510053	PASQUOTANK	03010205	8 /30/2007	0	0.18	0	0	\$7,337.75
ILF-2007-5204	Vista Lane Sampson Home	2007-0369	2007-1458-128	PASQUOTANK	03010205	9 /12/2007	0	0	0.20	0	\$3,669.00
ILF-2006-4936	Laurel Woods, Section C	2007-0170	2006-40453-127	PASQUOTANK	03010205	10/16/2007	0	0	0.48	0	\$7,338.00
ILF-2007-5523	Jeffrey and Annmarie Pierce Fill	2007-1369	2007-02675-128	PASQUOTANK	03010205	10/19/2007	0	0	0.20	0	\$3,669.00

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

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ILF-2007-5271	Villas at the Pointe	2007-0577	2007-02354-127	PASQUOTANK	03010205	12/12/2007	0	0	0.64	0	\$11,007.00
ILF-2007-5463	Lamplsey Bulkhead		2007-02199-172	PASQUOTANK	03010205	1 /7 /2008	0	0	0.08	0	\$3,669.00
ILF-2007-5773	Kinnakeet Lot 1703	2007-1770	2007-03652-128	PASQUOTANK	03010205	1 /10/2008	0	0	0.20	0	\$3,669.00
ILF-2007-5423	Upper Milltail Launch Site	2007-0062		PASQUOTANK	03010205	1 /10/2008	0	0	0.25	0	\$3,669.00
ILF-2007-5708	Ashbee Harbor Club	2006-1909	2007-02100	PASQUOTANK	03010205	2 /13/2008	0	0	0	0.14	\$36,688.50
ILF-2006-4160	Corolla Bay	2005-2066	200610338	PASQUOTANK	03010205	2 /20/2008	0	0	0.25	0	\$7,338.00
ILF-2007-5644	4100 Bob Perry Road	2007-1459	2008-00576-128	PASQUOTANK	03010205	2 /26/2008	0	0	0.20	0	\$3,669.00
ILF-2007-5804	Sanderling SD Lot 274 Phase 7	2007-1931	2008-00652-128	PASQUOTANK	03010205	3 /6 /2008	0	0	0.16	0	\$3,669.00
ILF-2007-5585	Tabby Court Section 2 Lots 13-14	2007-1479	2007-03908	PASQUOTANK	03010205	3 /26/2008	0	0	0.28	0	\$7,338.00
ILF-2007-5294	Duck United Methodist Church	2007-0544	2007-01226-128	PASQUOTANK	03010205	5 /15/2008	0	0	0.34	0	\$7,338.00
ILF-2008-6061	232 Osprey Drive	2008-0600	2008-01551	PASQUOTANK	03010205	6 /16/2008	0	0	0.98	0	\$14,676.00
ILF-2008-6029	Riversound Subdivision	2006-1245	2008-00919	PASQUOTANK	03010205	6 /30/2008	0	0	0.20	0	\$3,669.00
ILF-2007-5235	Weldon Quarry	2007-0580	2007-02279	ROANOKE	03010107	11/5 /2007	0	0	0.96	0	\$14,676.00
ILF-2007-5513	Slab Town Road	2002-0784	2007-02196-350	SAVANNAH	03060101	12/4 /2007	124	0	0.25	0	\$34,049.00
ILF-2007-5236	Red Oak Park	2007-0468	2007-01865-264	TAR-PAMLICO	03020101	10/25/2007	0	0	0.89	0	\$14,676.00
ILF-2007-5875	Arden Ridge Section 4	2007-1042	2008-00656	TAR-PAMLICO	03020103	4 /14/2008	0	0.38	0	0	\$14,675.50

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ILF-2007-5185	Bridgecreek Pointe SD	2006-1795	2007-0399-107	TAR-PAMLICO	03020104	10/24/2007	0	0	0.68	0	\$11,007.00
ILF-2007-5584	The Preserve II, Lot 4 Road Crossing	2007-1506	2007-03899	TAR-PAMLICO	03020104	1 /28/2008	0	0	0.24	0	\$3,669.00
ILF-2008-5925	Cypress Corner Sec. 4	2008-0231	2007-041981	TAR-PAMLICO	03020104	3 /24/2008	0	0.29	0	0	\$14,675.50
ILF-2008-6059	Bay Harbour Lot 46	2007-0278	2008-01047	TAR-PAMLICO	03020104	4 /23/2008	0	0.08	0	0	\$7,337.75
ILF-2008-5957	Bridge Harbor	2007-1960	2007-02972-107	TAR-PAMLICO	03020104	6 /30/2008	0	0.32	0	0	\$14,675.50
ILF-2007-5323	Burrus Property	2007-0663	20071457128	TAR-PAMLICO	03020105	7 /11/2007	0	0	0.04	0	\$3,481.00
ILF-2007-5455	John Dennis Lot	2007-1066	200702374-148	TAR-PAMLICO	03020105	8 /22/2007	0	0	0.04	0	\$3,669.00
ILF-2007-5189	Ronald Midgett Group Housing Development	2007-0724	200702384-128	TAR-PAMLICO	03020105	9 /10/2007	0	0	0.18	0	\$3,669.00
ILF-2007-5326	Beachside Landing Lots 70 and 80	2007-0722	200702332	TAR-PAMLICO	03020105	9 /20/2007	0	0	0.16	0	\$3,669.00
ILF-2007-5288	Midgett's Campground/RV Park	2007-0672	2007-02343	TAR-PAMLICO	03020105	10/1 /2007	0	0	0.14	0	\$3,669.00
ILF-2008-5973	Sunset Resort, LLC	2007-0041	2008-00886	TAR-PAMLICO	03020105	4 /11/2008	0	0	0.06	0	\$3,669.00
ILF-2007-5409	Morehead City Baseball Park	2007-0642	2007-00683-06	WHITE OAK	03020106	7 /2 /2007	0	0	0.50	0	\$7,338.00
ILF-2007-5205	Halls Creek North Section III		2006-40112-067	WHITE OAK	03020106	11/20/2007	204	0.27	0	0	\$64,655.50
ILF-2005-3902	Tidewater on the Bay	2005-2220	200500817	WHITE OAK	03020106	3 /17/2008	78	0	0	0	\$19,110.00
ILF-2007-5749	Highlands at Queens Creek	2008-0608	2007-1429	WHITE OAK	03020106	5 /12/2008	0	0	0.64	0	\$11,007.00
ILF-2006-4669	The Neighborhoods of Holly Ridge, Phase II	2006-1293	2006-32163-067	WHITE OAK	03030001	8 /9 /2007	0	0	0.26	0	\$7,338.00

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ILF-2007-5384	Tarin Woods	2007-0924	2005-695-065	WHITE OAK	03030001	8 /15/2007	148	0	0	0	\$36,260.00
ILF-2007-5464	Kensington Park II	2005-2253	200600272	WHITE OAK	03030001	9 /11/2007	86	0	0.10	0	\$24,739.00
ILF-2007-5206	Oceanaire Subdivision	2002-1159	200632259071	WHITE OAK	03030001	9 /19/2007	0	0	0.99	0	\$14,676.00
ILF-2005-3674	Maynard Manor Subdivision	2005-1732	200501251	WHITE OAK	03030001	10/17/2007	69	0.25	0.25	0	\$27,911.75
ILF-2007-5457	Dawson Place Sections II and III	2007-1301	200600316	WHITE OAK	03030001	10/22/2007	206	0.22	0	0	\$57,807.75
ILF-2007-5383	Hampstead Commercial Center	2007-0397	200500906	WHITE OAK	03030001	11/29/2007	0	0	0.36	0	\$7,338.00
ILF-2007-5514	Riley's Branch Drainage Improvements	2002-1664	2007-02582-065	WHITE OAK	03030001	12/4 /2007	211	0	0	0	\$51,695.00
ILF-2006-4974	Winds Harbor at Middle Sound	2006-1784	2006-450-065	WHITE OAK	03030001	12/17/2007	0	0	0.12	0	\$3,669.00
ILF-2006-5038	Hotel Branch Estates	2007-2041	200500838	WHITE OAK	03030001	3 /3 /2008	0	0	0.08	0	\$3,669.00
ILF-2008-5963	Bluffs at Whiskey Creek Lot 7		2006-00832	WHITE OAK	03030001	4 /7 /2008	0	0.08	0	0	\$7,337.75
ILF-2006-4703	Marine Corps Special Operations Command	2007-0245	2007-286-067	WHITE OAK	03030001	4 /11/2008	643	0	0	0	\$157,535.00
ILF-2007-5186	Jacksonville Wastewater Land Treatment System	2006-1820	200500197	WHITE OAK	03030001	4 /16/2008	0	0	25.60	0	\$377,907.00
ILF-2007-5129	Wal-Mart of Elkin	2007-0452	200700909286	YADKIN	03040101	7 /1 /2007	267	0	0	0	\$61,944.00
ILF-2006-4280	Bowen Boulevard	2006-0848	200632485234	YADKIN	03040101	9 /25/2007	490	0.12	0	0	\$127,387.75
ILF-2006-5062	Redden Commercial Project	2007-0289	2007-665-349	YADKIN	03040102	7 /3 /2007	300	0	0	0	\$69,600.00
ILF-2007-5454	Salem Stone Quarry	2007-0985	2007-01841-234	YADKIN	03040103	11/29/2007	2,872	0	0	0	\$703,640.00

**B i. Stream and Wetlands In-Lieu Fee Mitigation Program Receipts 07-08**

**(note: Buffer payments not included, see B ii.)**

ILFID	Project Name	DWQ Permit No	COE Action ID	Basin	Cataloging Unit	Payment Date	Stream credits	Riparian Wetland	Non Riparian Wetland credits	Coastal Marsh	Fee Paid
ILF-2006-4646	Bryton	2007-0191	2007372360	YADKIN	03040105	7 /1 /2007	397	0	0	0	\$92,104.00
ILF-2007-5158	Cheval	2007-0195	2007-483-360	YADKIN	03040105	10/24/2007	238	0	0	0	\$58,310.00
ILF-2007-5230	DEB 44-acre NW Corner	2006-1554	2007-963-313	YADKIN	03040105	12/6 /2007	300	0	0	0	\$73,500.00
ILF-2007-5085	Vulcan Materials Cabarrus Quarry Expansion	2003-0130	2007-681-313	YADKIN	03040105	1 /28/2008	244	0	1.70	0	\$85,463.00
ILF-2008-5942	Toby Creek Greenway	2007-1778	2007-03480-360	YADKIN	03040105	2 /25/2008	226	0	0	0	\$55,370.00
ILF-2007-5449	New Birth Church of Charlotte	2007-1151		YADKIN	03040105	2 /29/2008	199	0	0	0	\$48,755.00
ILF-2006-4873	Sutherland Ave. Walgreens	2007-0182	2007375390	YADKIN	03040105	3 /14/2008	212	0	0	0	\$51,940.00
ILF-2005-3720	Ridge Road Middle School	2008-0121	2008-00145-360	YADKIN	03040105	3 /18/2008	0	0	0.68	0	\$11,007.00
ILF-2007-5706	Highway 29 Property	2007-2082	2007-01175-360	YADKIN	03040105	3 /19/2008	290	0	0	0	\$71,050.00
ILF-2007-5389	Morrison Ridge Commercial Center	2007-1092	2007-1957-313	YADKIN	03040105	5 /9 /2008	0	0.50	0	0	\$14,675.50
ILF-2008-5989	Sweden Rd. at South Blvd. Residential Dev.	2008-0652	2008-01238-360	YADKIN	03040105	5 /9 /2008	0	0	0.49	0	\$7,338.00
ILF-2007-5388	Christenbury Four Corners	2007-1551	2007-2970-313	YADKIN	03040105	6 /17/2008	463	0	0	0	\$113,435.00
ILF-2008-6186	Lowes Motor Speedway Hospitality and Souvenir	2007-1851	2008-1074-313	YADKIN	03040105	6 /30/2008	250	0	0	0	\$61,250.00

<b>Totals</b>	<b>Number of payments 189*</b>						<b>36,949</b>	<b>36.22</b>	<b>57.59</b>	<b>0.14</b>	<b>\$11,020,380.25</b>
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\*note that numbers shown refer to wetland and stream requirements only, buffer payments are displayed separately. Some projects include wetlands and/or streams and buffers.

**B. ii. Riparian Buffer In-Lieu Fee Mitigation Program Receipts 07-08**  
**(note: NCDOT Projects are not included)**

Project Name	DWQ Permit No.	ILFID	Basin Name	Cataloging Unit	Payment Date	Amount Paid	area (sq.ft.)
Hornaday Road Improvements	2006-0138	ILF-2005-4148	CAPE FEAR	03030003	8 /17/2007	\$42,566.40	44,340
Northeast Pump Station	2007-1584	ILF-2007-5631	CATAWB A	03050101	1 /8 /2008	\$14,186.88	14,778
438 Tuskarora Trail Lot 23	2007-1984	ILF-2008-5940	CATAWB A	03050101	6 /5 /2008	\$9,600.00	10,000
Rowland Business Park - Third invoice	2002-0243	ILF-FME-2005-1695	NEUSE	03020201	7 /3 /2007	\$54,988.80	57,280
Southerby- Buffer	2007-0987	ILF-2007-5459	NEUSE	03020201	7 /9 /2007	\$143.04	149
Bowling Green Subdivision Phase 3	2003-1581	ILF-2006-5009	NEUSE	03020201	7 /9 /2007	\$54,115.20	56,370
Oakley Road Site	2006-1585	ILF-2007-5452	NEUSE	03020201	7 /18/2007	\$1,621.44	1,689
Greenfield North Parcel 19	2006-0698	ILF-2007-5478	NEUSE	03020201	7 /26/2007	\$6,710.40	6,990
Alexander Woods, Phase IV	2006-0411	ILF-2006-4799	NEUSE	03020201	8 /9 /2007	\$11,520.00	12,000
Crabtree Creek Sewer Interceptor Replacement	2001-1641	ILF-2007-5422	NEUSE	03020201	8 /13/2007	\$5,472.00	5,700
801 Rosemont Ave	2007-1203	ILF-2007-5424	NEUSE	03020201	8 /20/2007	\$720.00	750
Sutton Springs Subdivision	2006-1385	ILF-2007-5412	NEUSE	03020201	8 /28/2007	\$54,872.64	57,159
Debnam Residence	2007-0123	ILF-2007-5635	NEUSE	03020201	9 /6 /2007	\$803.52	837
Hanson Aggregates East Inc., Quarry Expansion	2007-0931	ILF-2005-3699	NEUSE	03020201	9 /6 /2007	\$55,756.80	58,080
Carriage Hill SD Lot 31	2007-0001	ILF-2007-5622	NEUSE	03020201	9 /26/2007	\$2,808.00	2,925
West Lake Subdivision, Phase II	2005-0613	ILF-2005-31	NEUSE	03020201	10/1 /2007	\$3,360.96	3,501
42 East	2007-0018	ILF-2007-5122	NEUSE	03020201	10/5 /2007	\$15,552.00	16,200
Perry Creek Road Ext.	2007-1057	ILF-2007-5451	NEUSE	03020201	10/22/2007	\$51,756.48	53,913
Lower Pigeon House Branch Sewer	2007-1667	ILF-2007-5745	NEUSE	03020201	11/2 /2007	\$1,843.20	1,920
Wendell Falls	2006-1617	ILF-2006-4872	NEUSE	03020201	11/9 /2007	\$388,829.76	405,031
Lysaght Addition	2007-1666	ILF-2007-5795	NEUSE	03020201	11/16/2007	\$201.60	210
Forestville Farms Pumping Station Elimination	2007-1554	ILF-2007-5775	NEUSE	03020201	11/29/2007	\$4,656.96	4,851



**B. ii. Riparian Buffer In-Lieu Fee Mitigation Program Receipts 07-08**  
**(note: NCDOT Projects are not included)**

Project Name	DWQ Permit No.	ILFID	Basin Name	Cataloging Unit	Payment Date	Amount Paid	area (sq.ft.)
DOT- NC 98 Wake Forest Bypass	2001-0550	ILF-2007-5863	NEUSE	03020201	12/5 /2007	\$27,806.40	28,965
Evans Estates Lot 35	2005-2015	ILF-2006-4412	NEUSE	03020201	12/10/2007	\$2,550.72	2,657
Corporate Center	2007-0174	ILF-2007-5716	NEUSE	03020201	12/17/2007	\$8,205.12	8,547
Terrington Pump Station and Force Main	2007-0017	ILF-2007-5841	NEUSE	03020201	12/18/2007	\$540.48	563
Garden at Town Hall Commons Lots 31 and 32	2004-1983	ILF-2007-5626	NEUSE	03020201	12/27/2007	\$1,203.84	1,254
Broadstone Station-buffer	2007-1586	ILF-2007-5723	NEUSE	03020201	1 /8 /2008	\$11,131.20	11,595
Woods of Blair Hills	2006-1139	ILF-2007-5895	NEUSE	03020201	1 /8 /2008	\$3,072.96	3,201
Rex Knightdale Medical Office Building	2006-1713	ILF-2007-5842	NEUSE	03020201	1 /16/2008	\$1,454.40	1,515
7809 Vauxhill Drive	2007-1785	ILF-2007-5870	NEUSE	03020201	1 /18/2008	\$517.44	539
Page Road Assemblage	2006-0672	ILF-2007-5293	NEUSE	03020201	2 /7 /2008	\$61,637.76	64,206
Morrisville Parkway Extension Phases Ic, II & IIId	2005-1360	ILF-2006-5003	NEUSE	03020201	2 /8 /2008	\$53,810.88	56,053
Feldman Addition	2007-0421	ILF-2007-5411	NEUSE	03020201	2 /13/2008	\$244.80	255
3600 Oak Creek Drive Lot 109	2008-0285	ILF-2008-6026	NEUSE	03020201	2 /26/2008	\$383.04	399
Shiloh Crossing	2004-1764	ILF-2006-4850	NEUSE	03020201	2 /29/2008	\$43,752.00	45,575
Pemberly Off-Site Sewer	2008-0268	ILF-2008-6015	NEUSE	03020201	3 /26/2008	\$5,398.56	5,624
Watauga Street Subdivision(Oakwood Mews)	2004-1677	ILF-2008-6116	NEUSE	03020201	6 /10/2008	\$67,026.24	69,819
Lufkin Road Realignment	2007-2019	ILF-2007-5793	NEUSE	03020201	6 /17/2008	\$38,313.60	39,910
Drayton Estates	2008-0322	ILF-2007-5890	NEUSE	03020201	6 /27/2008	\$8,117.76	8,456
RBEG Sanitary Sewer Extension	2008-0888	ILF-2008-6268	NEUSE	03020201	6 /30/2008	\$2,001.60	2,085
Baird's Shores sd Lot 5	2007-0825	ILF-2007-5512	NEUSE	03020204	7 /25/2007	\$1,008.00	1,050
Buccaneer Bay West Lot 105	2007-0726	ILF-2007-5633	NEUSE	03020204	9 /10/2007	\$138.24	144

**B. ii. Riparian Buffer In-Lieu Fee Mitigation Program Receipts 07-08**  
**(note: NCDOT Projects are not included)**

Project Name	DWQ Permit No.	ILFID	Basin Name	Cataloging Unit	Payment Date	Amount Paid	area (sq.ft.)
Stohrer Home Deck	2007-1121	ILF-2007-5832	NEUSE	03020204	11/20/2007	\$432.00	450
110 Boatswain Drive	2007-1847	ILF-2007-5833	NEUSE	03020204	11/28/2007	\$174.72	182
Brigantine Boulevard Lot 37	2007-1492	ILF-2007-5899	NEUSE	03020204	1 /8 /2008	\$1,447.68	1,508
Bridgeton Harbor Marina(Harborside Marina Phase I)	2008-0032	ILF-2008-6078	NEUSE	03020204	3 /20/2008	\$276.48	288
Plantation Harbor Lot 3	2007-1091	ILF-2008-5908	NEUSE	03020204	6 /26/2008	\$1,236.48	1,288
Lake Royale Lot 1392C, 104 Big Horn	2007-1426	ILF-2007-5556	TAR-PAMLICO	03020101	10/2 /2007	\$122.88	128
Lake Royal C1394 108 Big Horn	2007-1788	ILF-2007-5844	TAR-PAMLICO	03020101	12/11/2007	\$587.52	612
Lake Royale Lot C947	2007-0995	ILF-2007-5540	TAR-PAMLICO	03020101	12/20/2007	\$134.40	140
Lake Royale Lot 818	2007-0626	ILF-2007-5515	TAR-PAMLICO	03020101	1 /29/2008	\$3,060.48	3,188
Southern Blvd. Thorp Home	2008-0493	ILF-2008-6086	TAR-PAMLICO	03020101	6 /16/2008	\$540.48	563
78 Hideaway Road Lot 10	2006-1918	ILF-2007-5592	TAR-PAMLICO	03020104	8 /23/2007	\$414.72	432
1152 Post Road Boseman Buffer	2007-1379	ILF-2007-5739	TAR-PAMLICO	03020104	9 /25/2007	\$561.60	585
Bay Harbour Lot 46	2007-0278	ILF-2008-6059	TAR-PAMLICO	03020104	4 /23/2008	\$1,224.00	1,275
Portside Mobile Home Retreat Section Three	2008-0475	ILF-2008-6193	TAR-PAMLICO	03020104	6 /13/2008	\$515.52	537
O'Neal Heirs Subdivision, Lot 5R Section 1	2007-1765	ILF-2007-5865	TAR-PAMLICO	03020105	12/20/2007	\$720.00	750
Sound shores Lot 14	2008-0405	ILF-2008-6121	TAR-PAMLICO	03020105	4 /25/2008	\$1,195.20	1,245
Gun Barrel Point Marina on Silver Lake	2003-1508	ILF-2008-5991	TAR-PAMLICO	03020105	5 /9 /2008	\$3,648.00	3,800

**B. ii. Riparian Buffer In-Lieu Fee Mitigation Program Receipts 07-08**  
**(note: NCDOT Projects are not included)**

Project Name	DWQ Permit No.	ILFID	Basin Name	Cataloging Unit	Payment Date	Amount Paid	area (sq.ft.)
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<b>Total</b>	<b>60 payments</b>					<b>\$1,136,693.28</b>	<b>1,184,056</b>
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**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Regency Park Townhomes	NEUSE	03020201	Cary	\$21,555.08	10/30/2007	Nitrogen	760.32	Private
161 NW Maynard	NEUSE	03020201	Cary	\$8,348.08	11/15/2007	Nitrogen	294.46	Private
Dillard Drive Offices	NEUSE	03020201	Cary	\$5,861.88	12/14/2007	Nitrogen	206.77	Private
Swiftside Offices	NEUSE	03020201	Cary	\$7,493.51	7 /10/2007	Nitrogen	681.23	Private
Parkway Professional	NEUSE	03020201	Cary	\$25,992.12	8 /17/2007	Nitrogen	2362.92	Private
Weatherfield Townhomes	NEUSE	03020201	Cary	\$19,404.00	8 /1 /2007	Nitrogen	1764.00	Private
Crossroads Apartments	NEUSE	03020201	Cary	\$25,863.09	8 /17/2007	Nitrogen	2351.19	Private
Friendship Court	NEUSE	03020201	Cary	\$1,874.40	7 /31/2007	Nitrogen	170.40	Private
Laurel Park Elementary	NEUSE	03020201	Cary	\$1,840.29	8 /8 /2007	Nitrogen	167.30	Government
Hospice of Wake County	NEUSE	03020201	Cary	\$16,278.57	8 /17/2007	Nitrogen	1479.87	Private
Maynard Creek	NEUSE	03020201	Cary	\$3,465.20	7 /25/2007	Nitrogen	315.00	Private
Pleasant Grove Business Park	NEUSE	03020201	Cary	\$109,967.10	4 /3 /2008	Nitrogen	3878.91	Private
Progress Energy Substation Exp.	NEUSE	03020201	Cary	\$7,388.07	4 /24/2008	Nitrogen	260.60	Private
Parkway Professional Phase 3	NEUSE	03020201	Cary	\$2,672.95	6 /5 /2008	Nitrogen	94.28	Private
Kingdom Hall of Jehovah's Witnesses	NEUSE	03020201	Cary	\$7,207.14	4 /22/2008	Nitrogen	254.22	Private
Goodwill Community Foundation Ctr.	NEUSE	03020201	Cary	\$1,244.45	5 /15/2008	Nitrogen	43.90	Private
Swift Creek Commons North	NEUSE	03020201	Cary	\$52,453.31	5 /12/2008	Nitrogen	1850.20	Private
Gateway Bank	NEUSE	03020201	Cary	\$8,195.42	5 /6 /2008	Nitrogen	289.08	Private
Dillard Drive Offices second payment	NEUSE	03020201	Cary	\$1,839.57	1 /14/2008	Nitrogen	64.89	Private
Bradford	NEUSE	03020201	Cary	\$182,550.64	6 /6 /2008	Nitrogen	6439.18	Private
Cary First Untied Methodist Church	NEUSE	03020201	Cary	\$11,465.08	6 /12/2008	Nitrogen	404.41	Private
Advance Auto Cary	NEUSE	03020201	Cary	\$4,679.45	2 /1 /2008	Nitrogen	165.06	Private
Powell Flex Building	NEUSE	03020201	Cary	\$8,915.96	6 /9 /2008	Nitrogen	314.50	Private
Union Baptist Church School & Daycare	NEUSE	03020201	Durham	\$2,485.50	9 /12/2007	Nitrogen	87.67	Private
Regency at Brier Creek Country Club	NEUSE	03020201	Durham	\$41,297.67	8 /30/2007	Nitrogen	3754.33	Private
Formatt, Inc	NEUSE	03020201	Durham	\$10,697.02	8 /16/2007	Nitrogen	972.46	Private
Madison Glen II Pool Revisiont	NEUSE	03020201	Durham	\$7,236.32	12/21/2007	Nitrogen	255.25	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Brightleaf at the Park, Tract 8	NEUSE	03020201	Durham	\$29,885.72	3 /24/2008	Nitrogen	1054.17	Private
Intellicom Offices	NEUSE	03020201	Durham	\$4,710.07	2 /26/2008	Nitrogen	166.14	Private
Walltown Recreation Center	NEUSE	03020201	Durham	\$9,239.84	4 /7 /2008	Nitrogen	325.92	Private
Bhangoo Property	NEUSE	03020201	Durham	\$53,125.63	3 /27/2008	Nitrogen	1873.92	Private
Page Road Tract	NEUSE	03020201	Durham	\$155,471.40	2 /19/2008	Nitrogen	5484.00	Private
Durham Athletic Park	NEUSE	03020201	Durham	\$2,685.88	4 /22/2008	Nitrogen	94.74	Private
Ethiopian Church	NEUSE	03020201	Durham	\$1,786.73	5 /29/2008	Nitrogen	63.02	Private
Ample Storage Bennett Memorial Dr.	NEUSE	03020201	Durham	\$26,386.04	5 /9 /2008	Nitrogen	930.72	Private
Duke Soccer Stadium Seating	NEUSE	03020201	Durham	\$349.88	4 /24/2008	Nitrogen	12.34	Private
Walgreens NC 98	NEUSE	03020201	Durham	\$5,763.38	4 /30/2008	Nitrogen	203.29	Private
Holton Community Center	NEUSE	03020201	Durham	\$7,783.78	5 /1 /2008	Nitrogen	274.56	Private
SECU Project, Guess Road	NEUSE	03020201	Durham	\$952.18	1 /17/2008	Nitrogen	33.59	Private
Windermere Ridge Townhomes Project	NEUSE	03020201	Durham	\$1,158.39	12/3 /2007	Nitrogen	40.86	Private
NC Specialty Hospital Project, Guess Rd	NEUSE	03020201	Durham	\$1,426.79	12/12/2007	Nitrogen	50.33	Private
Biggerstaff & Crawley Avondale	NEUSE	03020201	Durham	\$3,827.25	3 /14/2008	Nitrogen	135.00	Private
Ellington Place	NEUSE	03020201	Durham	\$9,823.28	3 /25/2008	Nitrogen	346.50	Private
Building 106 Presidential Park West	NEUSE	03020201	Durham	\$9,060.38	6 /6 /2008	Nitrogen	319.59	Private
Triangle Farm and Home	NEUSE	03020201	Durham County	\$3,225.08	7 /5 /2007	Nitrogen	293.19	Private
CVS Pharmacy #1395	NEUSE	03020201	Durham County	\$2,975.94	8 /20/2007	Nitrogen	270.54	Private
White Oak Shopping Center Parcel A	NEUSE	03020201	Garner	\$1,885.77	8 /30/2007	Nitrogen	171.43	Private
Greenfield	NEUSE	03020201	Garner	\$125,026.51	8 /31/2007	Nitrogen	11366.05	Private
Lot 22 White Oak Business Park	NEUSE	03020201	Garner	\$3,914.72	8 /31/2007	Nitrogen	355.88	Private
Timber Place	NEUSE	03020201	Garner	\$18,079.31	1 /28/2008	Nitrogen	637.72	Private
Greenfield South	NEUSE	03020201	Garner	\$140,000.00	8 /31/2007	Nitrogen	12727.27	Private
ST Wooten	NEUSE	03020201	Garner	\$407.68	8 /31/2007	Nitrogen	37.06	Private

Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08								
Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Creech Road Subdivision	NEUSE	03020201	Garner	\$1,071.63	10/29/2007	Nitrogen	37.80	Private
Waterfield	NEUSE	03020201	Garner	\$36,000.00	8 /31/2007	Nitrogen	3272.70	Private
Greenfield North Parcels 18 & 20	NEUSE	03020201	Garner	\$135,415.23	8 /31/2007	Nitrogen	12310.48	Private
RE Michel	NEUSE	03020201	Garner	\$3,103.65	7 /19/2007	Nitrogen	282.15	Private
Shoppes at Garner	NEUSE	03020201	Garner	\$75,981.58	7 /23/2007	Nitrogen	6907.42	Private
Garner TV and Appliance Addition	NEUSE	03020201	Garner	\$28.71	7 /18/2007	Nitrogen	2.61	Private
Grand Pointe	NEUSE	03020201	Garner	\$3,851.34	12/20/2007	Nitrogen	135.85	Private
900 Greenfield North Parcel 4	NEUSE	03020201	Garner	\$542.21	7 /13/2007	Nitrogen	49.29	Private
Greenfield North Phase 1 Parcel 19A	NEUSE	03020201	Garner	\$9,973.68	8 /31/2007	Nitrogen	906.70	Private
Heather Park Lot 9	NEUSE	03020201	Garner	\$1,412.40	8 /20/2007	Nitrogen	128.40	Private
1000 Greenfield North	NEUSE	03020201	Garner	\$4,195.05	8 /31/2007	Nitrogen	381.37	Private
1100 Greenfield North Parcel 6	NEUSE	03020201	Garner	\$8,828.17	8 /31/2007	Nitrogen	802.56	Private
Curtiss Road Property	NEUSE	03020201	Garner	\$1,564.20	8 /29/2007	Nitrogen	142.20	Private
TGI Fridays Garner	NEUSE	03020201	Garner	\$7,206.41	8 /16/2007	Nitrogen	655.13	Private
Project Green Greenfield North	NEUSE	03020201	Garner	\$9,057.14	8 /31/2007	Nitrogen	823.38	Private
White Oak Shopping Center Tract 2A	NEUSE	03020201	Garner	\$12,856.90	8 /30/2007	Nitrogen	1168.81	Private
Heather Park Child Development Ctr	NEUSE	03020201	Garner	\$321.55	8 /1 /2007	Nitrogen	29.23	Private
Stanley Steamer	NEUSE	03020201	Garner	\$3,675.00	8 /2 /2007	Nitrogen	334.09	Private
Civitan Club of Garner	NEUSE	03020201	Garner	\$272.25	8 /15/2007	Nitrogen	24.75	Private
Heather Park Child Development (Modification)	NEUSE	03020201	Garner	\$407.39	3 /3 /2008	Nitrogen	14.37	Private
Duty Tire	NEUSE	03020201	Garner	\$4,413.07	6 /12/2008	Nitrogen	155.66	Private
Lowes Foods Gas Kiosk	NEUSE	03020201	Garner	\$6,089.58	5 /30/2008	Nitrogen	214.80	Private
White Oak Estates	NEUSE	03020201	Garner	\$2,730.10	1 /18/2008	Nitrogen	96.30	Private
Wayne County Animal Shelter	NEUSE	03020201	Goldsboro	\$2,626.80	8 /31/2007	Nitrogen	238.80	Government
Reuel Inc.	NEUSE	03020201	Goldsboro	\$3,187.80	8 /31/2007	Nitrogen	289.80	Private
Wayne Christian School	NEUSE	03020201	Goldsboro	\$2,095.50	8 /22/2007	Nitrogen	190.50	Private



Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08								
Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
ST Wooten	NEUSE	03020201	Johnston Co.	\$21,928.10	8 /31/2007	Nitrogen	1993.46	Private
Buffalo Road Solid Waste Container Site	NEUSE	03020201	Johnston Co.	\$10,240.02	10/22/2007	Nitrogen	361.20	Government
Middle Creek Commons	NEUSE	03020201	Johnston Co.	\$25,208.82	11/1 /2007	Nitrogen	889.20	Private
Gordon Road Subdivision	NEUSE	03020201	Johnston Co.	\$8,411.02	9 /19/2007	Nitrogen	296.69	Private
Powhatan Road Tract	NEUSE	03020201	Johnston Co.	\$6,397.17	9 /24/2007	Nitrogen	225.65	Private
42 East Development Main Entrance and Sec IJ	NEUSE	03020201	Johnston Co.	\$56,541.24	10/18/2007	Nitrogen	1994.40	Private
Swift Creek Self Storage	NEUSE	03020201	Johnston Co.	\$3,849.93	10/15/2007	Nitrogen	135.80	Private
McGees Solid Waste Container Site	NEUSE	03020201	Johnston Co.	\$3,379.20	8 /29/2007	Nitrogen	307.20	Government
Plain View Point Subdivision	NEUSE	03020201	Johnston Co.	\$2,022.21	8 /2 /2007	Nitrogen	183.84	Private
Carolina Electronics Assemblers	NEUSE	03020201	Johnston Co.	\$5,706.86	4 /3 /2008	Nitrogen	201.30	Private
Adams Point Subdivision	NEUSE	03020201	Johnston Co.	\$1,471.37	6 /12/2008	Nitrogen	51.90	Private
Walgreens #11713 Lots 1 and 2	NEUSE	03020201	Johnston Co.	\$2,009.56	5 /12/2008	Nitrogen	70.88	Private
East Park Plaza (Walmart at Hwy NC 42)	NEUSE	03020201	Johnston Co.	\$99,678.60	4 /23/2008	Nitrogen	3516.00	Private
Ali 2 Equestrian Center	NEUSE	03020201	Johnston Co.	\$1,496.88	1 /22/2008	Nitrogen	52.80	Private
Kingdom Hall of Jehovah's Witness	NEUSE	03020201	Johnston Co.	\$5,327.53	6 /12/2008	Nitrogen	187.92	Private
Annie's Landing Subdivision	NEUSE	03020201	Johnston Co.	\$682.87	3 /18/2008	Nitrogen	24.09	Private
Broadmoor West Phase 2B	NEUSE	03020201	Johnston Co.	\$11,674.00	6 /12/2008	Nitrogen	411.78	Private
Crosstowne Subdivision	NEUSE	03020201	Raleigh	\$4,896.37	11/20/2007	Nitrogen	172.80	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Brierdale Revision	NEUSE	03020201	Raleigh	\$117.35	8 /31/2007	Nitrogen	10.67	Private
Renaissance Park Phase 6	NEUSE	03020201	Raleigh	\$11,033.92	8 /31/2007	Nitrogen	1003.00	Private
10651 World Trade Blvd	NEUSE	03020201	Raleigh	\$10,881.00	8 /31/2007	Nitrogen	989.18	Private
Dean's Wrecker Service	NEUSE	03020201	Raleigh	\$5,286.71	9 /6 /2007	Nitrogen	186.48	Private
11720 Coppergate Drive	NEUSE	03020201	Raleigh	\$2,198.03	6 /26/2008	Nitrogen	77.53	Private
Antioch Bible Fellowship	NEUSE	03020201	Raleigh	\$2,383.10	10/18/2007	Nitrogen	82.95	Private
121 Pasquotank Drive	NEUSE	03020201	Raleigh	\$2,089.17	10/22/2007	Nitrogen	73.69	Private
Carolina Leather	NEUSE	03020201	Raleigh	\$166.53	10/23/2007	Nitrogen	5.87	Private
Forest Drive 5812	NEUSE	03020201	Raleigh	\$213.56	10/23/2007	Nitrogen	7.53	Private
Raleigh Korean Baptist Church	NEUSE	03020201	Raleigh	\$5,400.67	11/1 /2007	Nitrogen	190.50	Private
Maisons en Mer	NEUSE	03020201	Raleigh	\$3,155.35	10/18/2007	Nitrogen	111.30	Private
Prosser Court 2604	NEUSE	03020201	Raleigh	\$600.11	11/7 /2007	Nitrogen	21.17	Private
North Carolina Judicial Center	NEUSE	03020201	Raleigh	\$4,533.17	11/7 /2007	Nitrogen	161.50	Private
705 Lakestone Dr.	NEUSE	03020201	Raleigh	\$2,432.43	11/9 /2007	Nitrogen	85.80	Private
Colonial Grand at Wakefield Apartments	NEUSE	03020201	Raleigh	\$99,168.30	11/8 /2007	Nitrogen	3498.00	Private
St. James Methodist Church Youth Center	NEUSE	03020201	Raleigh	\$701.00	10/4 /2007	Nitrogen	24.73	Private
Tuscan Hills SD	NEUSE	03020201	Raleigh	\$11,003.30	9 /17/2007	Nitrogen	388.12	Private
Growing Well Childcare	NEUSE	03020201	Raleigh	\$273.15	10/18/2007	Nitrogen	9.63	Private
9500 Durant Road	NEUSE	03020201	Raleigh	\$6,178.37	11/19/2007	Nitrogen	217.93	Private
Creedmoor Lynn Commons	NEUSE	03020201	Raleigh	\$10,045.26	10/9 /2007	Nitrogen	354.33	Private
Arena Center (Williams Appraisers)	NEUSE	03020201	Raleigh	\$45.09	10/11/2007	Nitrogen	1.59	Private
Iglesia de Dios de Raleigh	NEUSE	03020201	Raleigh	\$5,443.20	10/15/2007	Nitrogen	192.00	Private
Ivy Hall Pool/Clubhouse	NEUSE	03020201	Raleigh	\$257.70	10/16/2007	Nitrogen	9.09	Private
Forest Ridge Office Building	NEUSE	03020201	Raleigh	\$4,877.45	10/17/2007	Nitrogen	171.90	Private
Brier Creek Land Bay U2 Lot 17	NEUSE	03020201	Raleigh	\$33,339.60	10/16/2007	Nitrogen	1176.00	Private
Dunhill	NEUSE	03020201	Raleigh	\$17,374.14	7 /17/2007	Nitrogen	1576.20	Private
AccuFab Inc. Addition 2nd payment	NEUSE	03020201	Raleigh	\$1,398.70	7 /3 /2007	Nitrogen	127.15	Private
John's Point Phase 3 & 4	NEUSE	03020201	Raleigh	\$21,378.58	7 /11/2007	Nitrogen	1940.33	Private
Farmington 13-15	NEUSE	03020201	Raleigh	\$6,707.71	8 /9 /2007	Nitrogen	609.79	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Rex Medical Campus	NEUSE	03020201	Raleigh	\$84,383.00	7 /19/2007	Nitrogen	7671.18	Private
Bedford at Falls River Lot 1205	NEUSE	03020201	Raleigh	\$10,382.33	7 /20/2007	Nitrogen	943.85	Private
131 Main	NEUSE	03020201	Raleigh	\$6,169.94	7 /25/2007	Nitrogen	560.61	Private
Barrington Village	NEUSE	03020201	Raleigh	\$3,896.00	7 /25/2007	Nitrogen	354.18	Private
Alta Oakridge	NEUSE	03020201	Raleigh	\$16,664.05	8 /17/2007	Nitrogen	1514.91	Private
Gregory Poole Equipment Company	NEUSE	03020201	Raleigh	\$16,431.36	8 /29/2007	Nitrogen	1493.76	Private
Highland Creek Phase 2 & 4	NEUSE	03020201	Raleigh	\$85,796.10	8 /31/2007	Nitrogen	7799.65	Private
Tupper II	NEUSE	03020201	Raleigh	\$2,888.33	8 /30/2007	Nitrogen	262.58	Private
Stevens Road	NEUSE	03020201	Raleigh	\$336.60	8 /30/2007	Nitrogen	30.60	Private
Milburnie Road SD	NEUSE	03020201	Raleigh	\$397.32	8 /30/2007	Nitrogen	36.12	Private
Holiday Inn Express	NEUSE	03020201	Raleigh	\$10,898.00	8 /30/2007	Nitrogen	990.73	Private
Providence SD Phase 4	NEUSE	03020201	Raleigh	\$7,911.09	8 /30/2007	Nitrogen	719.19	Private
Progress Energy Elec Data Ctr	NEUSE	03020201	Raleigh	\$773.96	11/1 /2007	Nitrogen	27.30	Private
Sumner Business Park	NEUSE	03020201	Raleigh	\$574.86	8 /20/2007	Nitrogen	52.26	Private
2236 Coley Forest Place	NEUSE	03020201	Raleigh	\$316.10	8 /6 /2007	Nitrogen	28.74	Private
The Villas at Millbrook Lots 6-10	NEUSE	03020201	Raleigh	\$1,492.95	7 /31/2007	Nitrogen	135.72	Private
Providence Phase 3	NEUSE	03020201	Raleigh	\$7,246.80	7 /27/2007	Nitrogen	658.80	Private
New Life Christian Church	NEUSE	03020201	Raleigh	\$760.84	8 /6 /2007	Nitrogen	69.17	Private
AT&T Driveway	NEUSE	03020201	Raleigh	\$469.66	8 /17/2007	Nitrogen	42.70	Private
Leith BMW Service Expansion	NEUSE	03020201	Raleigh	\$2,167.74	8 /3 /2007	Nitrogen	197.07	Private
Stonegate Shopping Center	NEUSE	03020201	Raleigh	\$2,150.87	8 /9 /2007	Nitrogen	195.53	Private
Glen Lake Subdivision Phase 2	NEUSE	03020201	Raleigh	\$16,006.32	8 /16/2007	Nitrogen	1455.12	Private
Extron Electronics	NEUSE	03020201	Raleigh	\$34,127.67	3 /6 /2008	Nitrogen	1203.80	Private
Springmoor Parking Lot	NEUSE	03020201	Raleigh	\$4,018.81	3 /5 /2008	Nitrogen	141.76	Private
Forest Ridge Office Bldg	NEUSE	03020201	Raleigh	\$191.53	2 /19/2008	Nitrogen	6.76	Private
BSP Atlantic Phase 1+B196	NEUSE	03020201	Raleigh	\$42,191.00	3 /25/2008	Nitrogen	1488.22	Private
Waste Industries	NEUSE	03020201	Raleigh	\$163.30	4 /1 /2008	Nitrogen	5.76	Government
Miller & Long Storage Yard	NEUSE	03020201	Raleigh	\$6,595.63	4 /3 /2008	Nitrogen	232.65	Private
Windsor Manor	NEUSE	03020201	Raleigh	\$38,790.62	4 /8 /2008	Nitrogen	1368.28	Private
Seville	NEUSE	03020201	Raleigh	\$3,898.69	4 /7 /2008	Nitrogen	137.52	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
2600 Village Manor Way	NEUSE	03020201	Raleigh	\$2,723.81	4 /14/2008	Nitrogen	96.08	Private
O'Reilly Auto Parts	NEUSE	03020201	Raleigh	\$4,706.75	6 /5 /2008	Nitrogen	166.02	Private
Kirlin Office Bldg	NEUSE	03020201	Raleigh	\$9,253.44	6 /16/2008	Nitrogen	326.40	Private
Jenco Concrete Plant	NEUSE	03020201	Raleigh	\$5,753.97	6 /18/2008	Nitrogen	202.96	Private
Rowland Business Park Lot 7	NEUSE	03020201	Raleigh	\$4,419.20	2 /26/2008	Nitrogen	155.88	Private
Tail Waggers	NEUSE	03020201	Raleigh	\$15,064.48	11/20/2007	Nitrogen	531.37	Private
Springmoor Additions	NEUSE	03020201	Raleigh	\$915.14	2 /28/2008	Nitrogen	32.28	Private
Alexander Place Lot 3	NEUSE	03020201	Raleigh	\$10,911.92	2 /15/2008	Nitrogen	384.90	Private
5301 Robbins Drive	NEUSE	03020201	Raleigh	\$118.22	2 /20/2008	Nitrogen	4.17	Private
40 Wade, Lot 6	NEUSE	03020201	Raleigh	\$51,393.41	2 /21/2008	Nitrogen	1812.82	Private
Brier Creek Parcel I-2 (Lot 26)	NEUSE	03020201	Raleigh	\$15,360.03	2 /26/2008	Nitrogen	541.80	Private
Heritage Pointe Estates	NEUSE	03020201	Raleigh	\$1,820.54	2 /29/2008	Nitrogen	64.22	Private
Glen Stone Lot 3747	NEUSE	03020201	Raleigh	\$694.77	5 /29/2008	Nitrogen	24.51	Private
Tillett Wheeler Townhomes	NEUSE	03020201	Raleigh	\$3,625.68	5 /9 /2008	Nitrogen	127.89	Private
2607 Village Manor Way	NEUSE	03020201	Raleigh	\$319.79	5 /15/2008	Nitrogen	11.28	Private
Shops of New Hope	NEUSE	03020201	Raleigh	\$16,770.50	5 /29/2008	Nitrogen	591.55	Private
Glen Stone Lot 3719	NEUSE	03020201	Raleigh	\$573.27	5 /29/2008	Nitrogen	20.22	Private
Breezewood	NEUSE	03020201	Raleigh	\$14,856.03	5 /23/2008	Nitrogen	524.02	Private
4050 Poole Road	NEUSE	03020201	Raleigh	\$20,384.27	5 /27/2008	Nitrogen	719.02	Private
Hertz Equipment	NEUSE	03020201	Raleigh	\$16,848.41	5 /30/2008	Nitrogen	594.30	Private
1125 Hobson Court	NEUSE	03020201	Raleigh	\$304.32	5 /28/2008	Nitrogen	10.73	Private
Crescent State Bank	NEUSE	03020201	Raleigh	\$6,409.87	5 /28/2008	Nitrogen	226.10	Private
St. David's School Gymnasium	NEUSE	03020201	Raleigh	\$11,530.74	5 /28/2008	Nitrogen	406.73	Private
3505 Greywood Drive Lots 96	NEUSE	03020201	Raleigh	\$850.50	5 /29/2008	Nitrogen	30.00	Private
5808 Lease Lane	NEUSE	03020201	Raleigh	\$949.25	5 /9 /2008	Nitrogen	33.48	Private
Little Pros Academy	NEUSE	03020201	Raleigh	\$25,736.13	2 /14/2008	Nitrogen	907.80	Private
McCraken Enterprises, Inc	NEUSE	03020201	Raleigh	\$12,097.51	4 /28/2008	Nitrogen	426.72	Private
Marsh Creek Community Center	NEUSE	03020201	Raleigh	\$11,653.63	5 /5 /2008	Nitrogen	411.06	Private
North State Bank	NEUSE	03020201	Raleigh	\$1,130.57	5 /6 /2008	Nitrogen	39.88	Private
Olde Towne (Phases 13-25	NEUSE	03020201	Raleigh	\$149,165.45	5 /6 /2008	Nitrogen	5261.57	Private
Wake Cross Roads Baptist Church	NEUSE	03020201	Raleigh	\$4,363.75	4 /21/2008	Nitrogen	153.92	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Wake Plaza	NEUSE	03020201	Raleigh	\$62.39	5 /9 /2008	Nitrogen	2.20	Private
Dunn/Boatwright Subdivision	NEUSE	03020201	Raleigh	\$854.44	5 /8 /2008	Nitrogen	30.14	Private
Raleigh Lions Clinic	NEUSE	03020201	Raleigh	\$8,183.17	5 /9 /2008	Nitrogen	288.65	Private
CEI Headquarters	NEUSE	03020201	Raleigh	\$18,016.99	2 /13/2008	Nitrogen	635.52	Private
2605 Prosser Court	NEUSE	03020201	Raleigh	\$1,108.88	1 /4 /2008	Nitrogen	39.11	Private
Woody Leadmine Townhomes	NEUSE	03020201	Raleigh	\$17,576.77	1 /7 /2008	Nitrogen	619.99	Private
Wakefield Crossing Condominiums	NEUSE	03020201	Raleigh	\$21,734.95	1 /15/2008	Nitrogen	766.66	Private
CarSpa 3707 Capital Blvd.	NEUSE	03020201	Raleigh	\$2,071.82	1 /17/2008	Nitrogen	73.08	Private
Shoppes at Bedford	NEUSE	03020201	Raleigh	\$14,179.54	1 /18/2008	Nitrogen	500.16	Private
715 Lakestone Drive	NEUSE	03020201	Raleigh	\$913.61	1 /2 /2008	Nitrogen	32.23	Private
2809 Avent Ferry Rd.	NEUSE	03020201	Raleigh	\$1,807.14	1 /2 /2008	Nitrogen	63.74	Private
Fairview Manor Lot 40	NEUSE	03020201	Raleigh	\$1,560.36	1 /25/2008	Nitrogen	55.04	Private
Alexander Place Lot 2	NEUSE	03020201	Raleigh	\$5,094.50	2 /19/2008	Nitrogen	179.70	Private
Kreepers and Krawlers Daycare	NEUSE	03020201	Raleigh	\$362.26	1 /29/2008	Nitrogen	12.75	Private
Rowland Business Park Lot 6	NEUSE	03020201	Raleigh	\$4,419.20	2 /1 /2008	Nitrogen	155.88	Private
Lot 6 Rowland Business Park	NEUSE	03020201	Raleigh	\$4,419.20	2 /1 /2008	Nitrogen	155.88	Private
Tryon Road Townhomes	NEUSE	03020201	Raleigh	\$21,868.82	2 /6 /2008	Nitrogen	771.39	Private
Pepsi Facility Expansion	NEUSE	03020201	Raleigh	\$6,357.06	12/12/2007	Nitrogen	224.23	Private
Townes of Southgate	NEUSE	03020201	Raleigh	\$31,313.66	11/20/2007	Nitrogen	1104.60	Private
7200 Acc Boulevard	NEUSE	03020201	Raleigh	\$38,894.43	11/26/2007	Nitrogen	1371.94	Private
562 Wimbleton Drive	NEUSE	03020201	Raleigh	\$117.03	11/26/2007	Nitrogen	4.13	Private
Thornton Commons Phase 2	NEUSE	03020201	Raleigh	\$8,695.51	11/27/2007	Nitrogen	306.72	Private
North Hills East	NEUSE	03020201	Raleigh	\$154,487.73	11/29/2007	Nitrogen	5449.30	Private
Cedarmoor Apartments	NEUSE	03020201	Raleigh	\$994.23	11/29/2007	Nitrogen	35.07	Private
Stonegate Office Building (Revision)	NEUSE	03020201	Raleigh	\$2,697.70	1 /4 /2008	Nitrogen	95.16	Private
Heaven & Earth Landscaping	NEUSE	03020201	Raleigh	\$6,869.69	1 /28/2008	Nitrogen	242.32	Private
Glenlake Building IV (Phase 2)	NEUSE	03020201	Raleigh	\$1,220.48	12/7 /2007	Nitrogen	43.05	Private
Brier Creek Corporate Center Bldg #6	NEUSE	03020201	Raleigh	\$63,053.01	12/14/2007	Nitrogen	2224.09	Private
8102 Upper Lake Drive	NEUSE	03020201	Raleigh	\$15,055.38	12/18/2007	Nitrogen	531.05	Private
Westborough Lot 21	NEUSE	03020201	Raleigh	\$8,018.17	12/19/2007	Nitrogen	282.83	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Corporate Center Apartments	NEUSE	03020201	Raleigh	\$82,298.80	12/20/2007	Nitrogen	2902.96	Private
Arbor Chase Subdivision	NEUSE	03020201	Raleigh	\$43,520.08	12/21/2007	Nitrogen	1535.10	Private
Autobell 8309 Falls of Neuse Rd	NEUSE	03020201	Raleigh	\$5,305.73	12/28/2007	Nitrogen	187.15	Private
Brookridge	NEUSE	03020201	Raleigh	\$2,371.62	6 /9 /2008	Nitrogen	83.66	Private
3201 Northside Drive	NEUSE	03020201	Raleigh	\$12,287.51	3 /14/2008	Nitrogen	433.42	Private
The Car Place	NEUSE	03020201	Raleigh	\$6,907.42	3 /18/2008	Nitrogen	243.65	Private
Toyota Pre-Owned	NEUSE	03020201	Raleigh	\$12,786.08	3 /17/2008	Nitrogen	451.01	Private
Addison Reserve	NEUSE	03020201	Raleigh	\$14,938.86	3 /19/2008	Nitrogen	526.94	Private
1010 Spring Forest Road	NEUSE	03020201	Raleigh	\$835.53	6 /11/2008	Nitrogen	29.47	Private
Regency @ Brier Creek	NEUSE	03020201	Raleigh	\$51,781.16	3 /26/2008	Nitrogen	1826.50	Private
2506 Anderson Drive	NEUSE	03020201	Raleigh	\$987.30	3 /20/2008	Nitrogen	34.83	Private
Glenwood Avenue Retail Site	NEUSE	03020201	Raleigh	\$4,166.00	2 /13/2008	Nitrogen	146.95	Private
The Tribute	NEUSE	03020201	Raleigh	\$10,536.16	2 /13/2008	Nitrogen	371.65	Private
Bethlehem Baptist Church	NEUSE	03020201	Raleigh	\$3,320.18	6 /9 /2008	Nitrogen	117.11	Private
Anderson Pointe (Revised)	NEUSE	03020201	Raleigh	\$4,354.56	2 /13/2008	Nitrogen	153.60	Private
Plantation Point	NEUSE	03020201	Raleigh	\$104,340.70	2 /8 /2008	Nitrogen	3680.45	Private
Smithfield Business Park Site	NEUSE	03020201	Smithfield	\$35,742.30	8 /31/2007	Nitrogen	3249.30	Private
Smithfield Heart & Vascular Associates	NEUSE	03020201	Smithfield	\$5,358.54	8 /24/2007	Nitrogen	487.14	Private
Heavner Furniture	NEUSE	03020201	Smithfield	\$9,318.08	1 /16/2008	Nitrogen	328.68	Private
Gaines Office Building	NEUSE	03020201	Wake Co.	\$8,836.35	11/13/2007	Nitrogen	311.69	Private
Old Keith Estates Retrofit	NEUSE	03020201	Wake Co.	\$1,953.32	9 /21/2007	Nitrogen	68.90	Private
Norwood CVS	NEUSE	03020201	Wake Co.	\$1,673.00	7 /16/2007	Nitrogen	152.09	Private
Rose Hall Phase 2	NEUSE	03020201	Wake Co.	\$7,461.10	7 /23/2007	Nitrogen	678.28	Private
1040 Watkins Road	NEUSE	03020201	Wake Co.	\$12,763.00	7 /20/2007	Nitrogen	1160.27	Private
Hilltop Pointe Estates Subdivision	NEUSE	03020201	Wake Co.	\$38,787.95	9 /27/2007	Nitrogen	1368.00	Private
White Oak Road Phase 1	NEUSE	03020201	Wake Co.	\$21,228.48	9 /25/2007	Nitrogen	748.80	Private
84 Lumber	NEUSE	03020201	Wake Co.	\$25,222.43	10/22/2007	Nitrogen	889.68	Private
Lowery Farms	NEUSE	03020201	Wake Co.	\$1,739.61	11/25/2007	Nitrogen	61.36	Private
The Lucas Building	NEUSE	03020201	Wake Co.	\$16,443.91	3 /14/2008	Nitrogen	580.03	Private
Security MiniStorage	NEUSE	03020201	Wayne Co.	\$14,429.75	8 /31/2007	Nitrogen	1311.80	Private
Grantham Self Storage	NEUSE	03020201	Wayne Co.	\$48.02	7 /3 /2007	Nitrogen	4.37	Private



Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08								
Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Berkeley Veterinary Clinic	NEUSE	03020202	Goldsboro	\$2,372.70	8 /31/2007	Nitrogen	215.70	Private
NC Rescue and EMS (Genoa Xing Lot 9)	NEUSE	03020202	Goldsboro	\$4,002.90	8 /15/2007	Nitrogen	363.90	Private
Country View Western Store	NEUSE	03020202	Goldsboro	\$2,517.90	8 /29/2007	Nitrogen	228.90	Private
Willow Run Phase 4 & 5	NEUSE	03020202	Goldsboro	\$2,135.10	7 /9 /2007	Nitrogen	194.10	Private
Domino's Pizza US 70 Location (Ed Lasky)	NEUSE	03020202	Goldsboro	\$2,755.50	7 /10/2007	Nitrogen	250.50	Private
Genoa Crossing Phase 2 (Lots 1-8,10-13)	NEUSE	03020202	Goldsboro	\$80,714.21	8 /31/2007	Nitrogen	7337.60	Private
Southeast Commercial	NEUSE	03020202	Goldsboro	\$35,019.60	8 /31/2007	Nitrogen	3183.54	Private
Windsor Creek SD	NEUSE	03020202	Goldsboro	\$45,239.54	8 /31/2007	Nitrogen	4112.69	Private
Park Design 405 Gateway Drive (As-Built	NEUSE	03020202	Goldsboro	\$1,363.35	2 /18/2008	Nitrogen	48.09	Private
Randall Place	NEUSE	03020202	Goldsboro	\$21,346.87	6 /24/2008	Nitrogen	752.98	Private
National Welders Supply Co.	NEUSE	03020202	Goldsboro	\$4,215.08	6 /10/2008	Nitrogen	148.68	Private
Hearne's Jewelers	NEUSE	03020202	New Bern	\$4,707.31	3 /24/2008	Nitrogen	166.04	Private
AT&T Building	NEUSE	03020202	New Bern	\$5,191.14	3 /14/2008	Nitrogen	183.11	Private
Wilco Hess	NEUSE	03020202	New Bern	\$2,949.00	3 /25/2008	Nitrogen	104.02	Private
Hampton Inn	NEUSE	03020202	Pitt County	\$7,774.00	12/3 /2007	Nitrogen	274.22	Private
Crown Court	NEUSE	03020202	Wayne Co.	\$1,617.12	8 /31/2007	Nitrogen	147.01	Private
Oakland Fire Department	NEUSE	03020202	Wayne Co.	\$3,148.20	8 /31/2007	Nitrogen	286.20	Private
Spring Creek Elementary School Addition	NEUSE	03020202	Wayne Co.	\$18,317.10	8 /31/2007	Nitrogen	1665.19	Government
Centura Drive Commercial Building (Sasser) nutrien	NEUSE	03020202	Wayne Co.	\$1,010.59	7 /18/2007	Nitrogen	91.87	Private
Bryson and Bryson Builders	NEUSE	03020202	Wayne Co.	\$3,583.80	7 /2 /2007	Nitrogen	325.80	Private
WT's Gun Shop	NEUSE	03020202	Wayne Co.	\$2,756.50	6 /16/2008	Nitrogen	97.23	Private
BB&T	NEUSE	03020202	Wayne Co.	\$731.43	6 /16/2008	Nitrogen	25.80	Private
Belle Meade Commons Lot 1 and 2	NEUSE	03020203	Wilson	\$22,356.70	8 /31/2007	Nitrogen	2032.43	Private
First John United Holiness Church	NEUSE	03020203	Wilson	\$2,943.60	8 /31/2007	Nitrogen	267.60	Private
Southern Village Phase III	NEUSE	03020203	Wilson	\$18,998.10	8 /31/2007	Nitrogen	1727.10	Private
Surrey Meadows Subdivision	NEUSE	03020203	Wilson	\$953.70	8 /31/2007	Nitrogen	86.70	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Bookfield SD Section II	NEUSE	03020203	Wilson	\$2,849.90	8 /31/2007	Nitrogen	259.07	Private
58 West Lots 1,3,5	NEUSE	03020203	Wilson	\$9,507.30	8 /31/2007	Nitrogen	864.30	Private
Grace Crossing	NEUSE	03020203	Wilson	\$1,590.60	8 /31/2007	Nitrogen	144.60	Private
Heritage Place/Meadowmont Phase III	NEUSE	03020203	Wilson	\$447,700.44	8 /31/2007	Nitrogen	40700.04	Private
Storage Depot	NEUSE	03020203	Wilson	\$1,491.60	8 /31/2007	Nitrogen	135.60	Private
Bucklin Subdivision	NEUSE	03020203	Wilson	\$7,639.50	8 /31/2007	Nitrogen	694.50	Private
New Hope Commons	NEUSE	03020203	Wilson	\$1,253.63	8 /31/2007	Nitrogen	113.97	Private
Belle Meade Corporate Park Lots 1-6,9	NEUSE	03020203	Wilson	\$17,080.80	8 /31/2007	Nitrogen	1552.80	Private
BB&T Belle Meade Commons Lot 3	NEUSE	03020203	Wilson	\$3,567.30	8 /31/2007	Nitrogen	324.30	Private
New Hope Business Subdivision	NEUSE	03020203	Wilson	\$4,489.52	8 /31/2007	Nitrogen	408.14	Private
Jamestown Subdivision	NEUSE	03020203	Wilson	\$10,017.15	8 /31/2007	Nitrogen	910.65	Private
Lake Wilson Falls	NEUSE	03020203	Wilson	\$3,373.43	8 /31/2007	Nitrogen	306.68	Private
Windfield Colony	NEUSE	03020203	Wilson	\$25,166.14	8 /31/2007	Nitrogen	2287.83	Private
Factory Mattress and Bedroom	NEUSE	03020203	Wilson	\$2,030.91	8 /31/2007	Nitrogen	184.62	Private
Ashbrook West SD	NEUSE	03020203	Wilson	\$21,394.41	8 /31/2007	Nitrogen	1944.95	Private
Family Dollar (58 West Lot 6)	NEUSE	03020203	Wilson	\$1,683.00	8 /13/2007	Nitrogen	153.00	Private
Triangle Biofuels Industries	NEUSE	03020203	Wilson	\$9,876.90	8 /16/2007	Nitrogen	897.90	Private
Construct, Inc	NEUSE	03020203	Wilson	\$2,355.37	8 /6 /2007	Nitrogen	214.12	Private
Glendale Woods	NEUSE	03020203	Wilson	\$1,951.39	6 /13/2008	Nitrogen	68.83	Private
Construct Inc.	NEUSE	03020203	Wilson	\$429.85	6 /18/2008	Nitrogen	15.16	Private
First Citizens Bank	NEUSE	03020203	Wilson	\$13,608.00	5 /29/2008	Nitrogen	480.00	Private
Storage One Addition	NEUSE	03020203	Wilson	\$4,320.03	5 /9 /2008	Nitrogen	152.38	Private
Precision Tune	NEUSE	03020203	Wilson	\$3,494.00	4 /30/2008	Nitrogen	123.25	Private
Sterling Pointe Shopping Center	NEUSE	03020203	Wilson	\$847.55	1 /30/2008	Nitrogen	29.90	Private
First carolina Realtors Bayer Project	NEUSE	03020204	Havelock	\$4,527.47	8 /31/2007	Nitrogen	411.59	Private
Tandemloc Facility	NEUSE	03020204	Havelock	\$2,948.39	7 /12/2007	Nitrogen	268.04	Private

Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08								
Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Ham's Restaurant109 US 70 West	NEUSE	03020204	Havelock	\$4,351.65	4 /30/2008	Nitrogen	153.50	Private
Navy Federal Credit Union	NEUSE	03020204	Havelock	\$5,580.13	5 /9 /2008	Nitrogen	196.83	Private
Zach Taylor Commercial Complex	NEUSE	03020204	New Bern	\$11,449.09	11/29/2007	Nitrogen	403.85	Private
580 McCarthy Boulevard Commercial Bldg	NEUSE	03020204	New Bern	\$2,080.00	7 /24/2007	Nitrogen	189.09	Private
Amhurst Place Planned Unit Dev.	NEUSE	03020204	New Bern	\$2,262.87	8 /9 /2007	Nitrogen	205.72	Private
Craven Community College Parking Lot Expansion	NEUSE	03020204	New Bern	\$11,413.00	5 /9 /2008	Nitrogen	402.57	Private
Dunkin Donuts 120 Taberna Way	NEUSE	03020204	New Bern	\$7,846.05	12/11/2007	Nitrogen	276.76	Private
Youngsville Fire Station #2	TAR-PAMLICO	03020101	Franklin Co.	\$2,294.03	7 /23/2007	Phosphor us	10.80	Government
Ray of Hope Church	TAR-PAMLICO	03020101	Nash Co.	\$9,072.00	8 /23/2007	Phosphor us	43.20	Private
Womble Farms Subdivision, Phase 3	TAR-PAMLICO	03020101	Nash Co.	\$5,767.32	6 /13/2008	Nitrogen	266.14	Private
The Beal Place	TAR-PAMLICO	03020101	Nash Co.	\$2,884.14	8 /30/2007	Phosphor us	13.73	Private
Bunn Chapel Church Expansion	TAR-PAMLICO	03020101	Nash Co.	\$9,221.31	8 /29/2007	Phosphor us	43.91	Private
State Employees' Credit Union	TAR-PAMLICO	03020101	Oxford	\$168.97	2 /14/2008	Phosphor us	0.59	Private
Riverside Animal Hospital	TAR-PAMLICO	03020101	Rocky Mt.	\$7,444.06	11/13/2007	Phosphor us	26.01	Private
Willow Run Subdivision	TAR-PAMLICO	03020101	Rocky Mt.	\$4,677.65	11/14/2007	Phosphor us	16.34	Private
Performance Small Engine Center	TAR-PAMLICO	03020101	Rocky Mt.	\$9,555.67	9 /7 /2007	Phosphor us	33.39	Private
Microtel	TAR-PAMLICO	03020101	Rocky Mt.	\$7,381.61	2 /12/2008	Nitrogen	340.64	Private
Aldi Rocky Mount	TAR-PAMLICO	03020101	Rocky Mt.	\$8,343.38	9 /19/2007	Nitrogen	385.02	Private
Candlewood Hotel	TAR-PAMLICO	03020101	Rocky Mt.	\$4,962.61	9 /27/2007	Nitrogen	229.00	Private

**Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08**

Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
Golden Leaf Foundation	TAR-PAMLICO	03020101	Rocky Mt.	\$9,261.78	8 /28/2007	Nitrogen	841.98	Private
Truth Tabernacle of Deliverance Addn	TAR-PAMLICO	03020101	Rocky Mt.	\$7,334.58	8 /16/2007	Nitrogen	666.78	Private
Willow Run Subdivision Revised	TAR-PAMLICO	03020101	Rocky Mt.	\$1,559.22	5 /9 /2008	Nitrogen	71.95	Private
Murphy Express	TAR-PAMLICO	03020103	Edgecombe Co.	\$6,010.20	3 /14/2008	Phosphorus	21.00	Private
Greenville Housing Authority Verdura Apartments	TAR-PAMLICO	03020103	Greenville	\$1,943.87	6 /27/2008	Phosphorus	6.79	Government
First Street Place	TAR-PAMLICO	03020103	Greenville	\$17,482.00	5 /30/2008	Nitrogen	806.74	Private
Wintergreen School Redevelopment	TAR-PAMLICO	03020103	Greenville	\$13,754.93	8 /31/2007	Nitrogen	1250.45	Government
Wimbledon Center, Wimbledon Park Lot 1	TAR-PAMLICO	03020103	Greenville	\$6,048.90	8 /23/2007	Nitrogen	549.90	Private
Copper Beech Town Homes	TAR-PAMLICO	03020103	Greenville	\$74,184.56	10/16/2007	Phosphorus	241.47	Private
Greenville Toyota	TAR-PAMLICO	03020103	Greenville	\$10,676.00	7 /9 /2007	Nitrogen	970.55	Private
Golden Living Center	TAR-PAMLICO	03020103	Greenville	\$12,503.86	10/29/2007	Phosphorus	20.99	Private
Carolina Donor	TAR-PAMLICO	03020103	Greenville	\$3,624.11	8 /1 /2007	Phosphorus	10.76	Private
Williamsbrook Townhomes	TAR-PAMLICO	03020103	Greenville	\$4,825.17	9 /11/2007	Phosphorus	22.97	Private
Progressive Electric of Greenville	TAR-PAMLICO	03020103	Greenville	\$1,190.41	9 /1 /2007	Phosphorus	4.15	Private
Pitt County Detention Facility	TAR-PAMLICO	03020103	Greenville	\$8,745.00	7 /23/2007	Nitrogen	795.00	Government
Summer's Walk	TAR-PAMLICO	03020103	Pitt County	\$12,412.89	8 /27/2007	Phosphorus	59.11	Private
Bristolwood SD	TAR-PAMLICO	03020103	Pitt County	\$4,400.15	1 /18/2008	Phosphorus	15.37	Private
Strasburg Subdivision	TAR-PAMLICO	03020103	Pitt County	\$26,282.34	8 /27/2007	Phosphorus	125.15	Private
English Road Park	TAR-PAMLICO	03020103	Rocky Mt.	\$14,976.42	4 /4 /2008	Nitrogen	691.11	Private

Appendix B iii. Nutrient Offset In-Lieu Fee Mitigation Program Receipts 07-08								
Project Name	Basin	Cataloging Unit	Municipality	Payment Amount	Payment Date	Nutrient	Pounds	Owner Type
WL Cayton Mt. Olive College Site	TAR-PAMLICO	03020104	Washington	\$3,929.78	2 /7 /2008	Nitrogen	181.35	Private
<b>Total</b>	<b>338 Payments</b>			<b>\$5,208,101.04</b>			<b>294,565.75 pounds</b>	

## Appendix C i. Private Mitigation Banking Survey Contacts and Questions

### Survey sent to:

Mitigation Bank Name:	Sponsor: Contact Information	County	River basin	Cataloging Unit	Restoration Type
Fisher River Mitigation Bank	American Wetlands 11876 Sunrise Valley Dr. Suite 200 Reston, VA 20191 Lamar Beasley <a href="mailto:amwlands@comcast.net">amwlands@comcast.net</a>	Surry	Yadkin	3040101	Riparian
Deep Creek	American Wetlands and Natural Resources Exchange Corporation 11350 Random Hills Road Suite 800 Lamar Beasley (703) 934 6130 <a href="mailto:amwlands@comcast.net">amwlands@comcast.net</a>	Yadkin	Yadkin	3040101	Riparian Stream
Barra Farms Cape Fear Regional Mitigation Bank	EcoBank, LLC EcoBank, 1555 Howell Branch Rd, Winter Park FL 32789 (407) 629-7774 Alan Fickett <a href="mailto:ecobank@earthlink.net">ecobank@earthlink.net</a>	Cumberland	Cape Fear	3030005	Non-riparian Stream
NEU-CON Mitigation Bank	Environmental Banc & Exchange LLC 1119-M Whisperwood Court Greensboro, NC 27104 (336) 851-5902 Norton Webster <a href="mailto:norton@ebxusa.com">norton@ebxusa.com</a>	Lenior Jones Greene	Neuse	03020202 03020203 03020204	Non-riparian Stream
Great Dismal Swamp Restoration Bank	Great Dismal Mitigation Bank, LLC. Winthrop, Stimson, Putnam & Roberts 1133 Connecticut Ave. NW Washington, DC (202) 775-9877 Bud Needam <a href="mailto:Needhambud@ec.rr.com">Needhambud@ec.rr.com</a>	Pasquotank & Perquimans	Pasquotank	3010205	Non-riparian
Brice Creek Mitigation bank	Land Management Group, Inc. 3805 Wrightsville Ave., Suite 15 Wilmington, NC 28403 (910) 452-0001 <a href="mailto:cpreziosi@lmggroup.net">cpreziosi@lmggroup.net</a>	Craven	Neuse	03020204	Wetland
Dover Mitigation Bank	Land Management Group, Inc. 3805 Wrightsville Ave., Suite 15 Wilmington, NC 28403 (910) 452-0001 <a href="mailto:cpreziosi@lmggroup.net">cpreziosi@lmggroup.net</a>	Jones	Neuse	03020204	Wetland
Hidden Lake Mitigation Bank	Green Vest, LLC 1001 Capability Dr., Suite 312 Raleigh, NC 27606 (919) 831-1234 Dr. Douglas Frederick <a href="mailto:dfrederick@trigrp.com">dfrederick@trigrp.com</a>	Tyrrell	Pasquotank	3010205	Non-riparian
Scuppernong River Corridor Mitigation Bank	Green Vest, LLC 1001 Capability Dr., Suite 312 Raleigh, NC 27606 (919) 831-1234 Dr. Douglas Frederick <a href="mailto:dfrederick@trigrp.com">dfrederick@trigrp.com</a>	Tyrrell	Pasquotank	3010205	Non-riparian
Bear Creek-Mill Branch	Restoration Systems, LLC 1101 Haynes St. Suite 203 Raleigh, NC 27604 (919) 755-9490 George Howard <a href="mailto:george@restorationsystems.com">george@restorationsystems.com</a>	Wayne	Neuse	3020202	Riparian



## Appendix C i. Private Mitigation Banking Survey Contacts and Questions

Survey sent to:

Mitigation Bank Name:	Sponsor: Contact Information	County	River basin	Cataloging Unit	Restoration Type
Bass Mountain Mitigation Bank	Restoration Systems, LLC 1101 Haynes St. Suite 203 Raleigh, NC 27604 (919) 755-9490 George Howard <a href="mailto:george@restorationsystems.com">george@restorationsystems.com</a>	Alamance	Cape Fear	03030002	Stream
Cripple Creek Mitigation Bank	Restoration Systems, LLC 1101 Haynes St. Suite 203 Raleigh, NC 27604 (919) 755-9490 George Howard <a href="mailto:george@restorationsystems.com">george@restorationsystems.com</a>	Alamance	Cape Fear	03030002	Stream and Wetland
Farmer Creek Mitigation Bank	Restoration Systems, LLC 1101 Haynes St. Suite 203 Raleigh, NC 27604 (919) 755-9490 George Howard <a href="mailto:george@restorationsystems.com">george@restorationsystems.com</a>	Avery	French Broad	06010108	Stream
Ratcliff Cove Mitigation Bank	Restoration Systems, LLC 1101 Haynes St. Suite 203 Raleigh, NC 27604 (919) 755-9490 George Howard <a href="mailto:george@restorationsystems.com">george@restorationsystems.com</a>	Haywood	French Broad	06010106	Stream and Wetland
Forrest Creek Mitigation Bank	Mid-Atlantic Mitigation Concord, NC (919) 755-9490 Rich Mogenson <a href="mailto:richmogenson@earthlink.net">richmogenson@earthlink.net</a>	Orange	Neuse	03020201	Stream and Buffer
Contentnea / Little Contentnea Creek Mitigation Bank	Greene Environmental Services GES Jeff Becker <a href="mailto:jrbecker@bellsouth.net">jrbecker@bellsouth.net</a>	Greene	Neuse	03020203	Nutrient Off-set
Global Transpark	PBS&J 1616 East Millbrook Road Suite 310 Raleigh, North Carolina 27609-4968 (919) 876-6888 Jerry McCain <a href="mailto:gmccrain@pbsj.com">gmccrain@pbsj.com</a>	Lenoir/ Craven	Neuse	03020202	Stream and Wetland
Louis Berger Wetland Bank	Louis Berger Group 1001 Wade Avenue Suite 400 Raleigh, NC 27605 (919)866-4400 Mike O'Rourke <a href="mailto:morourke@louisberger.com">morourke@louisberger.com</a>	Rowan	Yadkin	03040102	Riparian
Pott Creek Mitigation Bank	RK&K 900 Ridgfield Drive Suite 350 Raleigh, NC 27609 (888)521-4455 J. Tommy Peacock, Jr. <a href="mailto:tpeacock@rkk.com">tpeacock@rkk.com</a>	Lincoln	Catawba	03050102	Riparian

**Private Mitigation Banking Survey Questions**

- 1. Name of Mitigation Bank:**
- 2. List of 8-digit cataloging units in which credits can be utilized:**
- 3. This Bank produces: (select all that apply)**
- 4. Please list the total number of stream and wetland credits of which the bank is comprised by credit type. For example: 20 non-riparian restoration credits 10 non-riparian credits, 1500 stream credits, etc.**
- 5. How many credits of each type have been sold?**
- 6. How many credits of each type are remaining?**
- 7. What is the cost of one wetland credit in your bank? (What you charge to sell 1 credit. Complete this for riparian, non-riparian and salt-water wetland types.)**
- 8. What is the cost of one Buffer credit in your bank? (What you charge to sell 1 credit)**
- 9. What is the cost of one Nitrogen Nutrient Offset credit in your bank? (What you charge to sell 1 credit)**
- 10. What is the cost of one Phosphorus Nutrient Offset credit in your bank? (What you charge to sell 1 credit)**

**(Note: There were no responses to this survey inFY 07—08)**

**D i. Active Full-Delivery Contracts**

<b>PROJECT NAME</b>	<b>DESIGN FIRM</b>	<b>CONTRACT AMOUNT</b>
601 North Property Full Delivery - Yadkin River Basin D06054-A	Environmental Banc & Exchange, LLC	894,000.00
601 West Property Full Delivery - Yadkin River Basin D06054-E	Environmental Banc & Exchange, LLC	1,282,500.00
Anderson Swamp Full Delivery - Tar-Pamlico River Basin	Restoration Systems, LLC	434,000.00
Armstrong Property Full Delivery Project	Albemarle Restorations, LLC	760,000.00
Badin Inn Stream Restoration - Full Delivery	Earth Tech of NC, Inc.	984,150.00
Bailey Fork - Full Delivery	Wetlands Resource Center	1,013,375.00
Bailey Fork Full Delivery	EBX Neuse I, LLC	3,105,680.00
Balance farm (Buffer)	Baker Engineering of NY, Inc	2,050,000.00
Beaverdam Creek (Catawba River Basin)	River Works, Inc.	2,983,790.00
Beaverdam Creek and Trib. (Parker Site) Yadkin River Basin	Wetlands Resource Center	786,044.00
Beaverdam Swamp Full Delivery - Cape Fear River Basin	EBX Neuse I, LLC	2,796,300.00
Big Bull Creek Full Delivery - Neuse River Basin	Restoration Systems, LLC	980,000.00
Big Cedar Creek Full Delivery - Yadkin River Basin	Baker Engineering of NY, Inc.	3,014,760.00
Blockhouse Creek Full Delivery - Broad River Basin	Baker Engineering of NY, Inc.	1,248,750.00
Blounts Creek Restoration Cape Fear - Full Delivery	CH2MHILL	548,791.39
Brogden Road Stream, Wetland & Buffer Mitigation - Full Delivery	Restoration Systems, LLC	420,000.00
Brown Farm Wetland Restoration - Full Delivery	KCI Associates of NC	1,638,260.00
Brown Marsh Swamp Full Delivery - Lumber River Basin	Restoration Systems, LLC	1,287,500.00
Cane Creek Full Delivery - Broad River Basin	Restoration Systems, LLC	2,276,172.00
Cane Creek Full Delivery - Broad River Basin	KCI Associates of NC	3,150,000.00
Carbonton Dam - Full Delivery (Part 1)	Restoration Systems, LLC	3,925,000.00
Carbonton Dam - Full Delivery (Part 2)	Restoration Systems, LLC	4,324,475.76
Cedar/Crooked Creek TarPam - Full Delivery	KCI Associates of NC	594,000.00
Clarks Creek	The Louis Berger Group	353,025.00
Cleghorn Creek Full Delivery	EBX Neuse I, LLC	1,495,000.00
Collins Creek Stream Restoration Site - Full Delivery	KCI Associates of NC	1,889,825.00
Columbus Swamp	Restoration Systems	1,120,000.00
Conetoe Creek	Restoration Systems	194,000.00
Conoconarra Swamp - Full Delivery	EBX Neuse I, LLC	3,791,300.00
Cox Site - Full Delivery	EBX Neuse I, LLC	2,324,400.00
Crowns West Full Delivery	Baker Engineering of NY, Inc.	950,000.00
Cutawhiskie Creek Full Delivery - Chowan River Basin	Restoration Systems, LLC	1,301,625.00
Daniels Farm #2 Stream & Wetland Restoration - Full Delivery	KCI Associates of NC	525,000.00
Davis Branch Full Delivery - Yadkin River Basin	Wetlands Resource Center	1,365,292.50
Dog Bite Creek Full Delivery - French Broad River Basin	KCI Technologies	976,235.00
Duke Swamp Full Delivery - Chowan River Basin	Baker Engineering of NY, Inc.	1,400,000.00
East Buffalo Creek	Baker Engineering of NY, Inc.	876,090.00
Elk Branch Stream Restoration - Full Delivery	Baker Engineering of NY, Inc.	1,192,000.00
Elk Shoals Creek Full Delivery	Restoration Systems, LLC	1,189,400.00
Ellington Branch Full Delivery - Roanoke River Basin	Sungate Design Group	1,362,500.00
Farrar Dairy Full Delivery - Cape Fear River Basin	KCI Technologies	5,968,895.00
Floogie - Full Delivery	Environmental Banc & Exchange, LLC	3,343,100.00
Gatlin Swamp Site - Full Delivery	Restoration Systems, LLC	1,875,000.00
Glen Raven Stream Restoration - Full Delivery	KCI Associates of NC	1,070,745.00
Gray Farm Site	Restoration Systems, LLC	2,199,290.00

**D i. Active Full-Delivery Contracts**

<b>PROJECT NAME</b>	<b>DESIGN FIRM</b>	<b>CONTRACT AMOUNT</b>
Goodman Properties	Albemarle Restorations, LLC	1,112,384.00
Harrell Property Stream & Wetland Restoration - Full Delivery	KCI Associates of NC	1,946,364.00
Hargett/Tucker Farm - Full Delivery	EBX-Neuse I, LLC	330,750.00
Haw Branch Full Delivery	EBX-Neuse I, LLC	2,650,000.00
Haw River Canal Site - Full Delivery	Restoration Systems, LLC	1,248,000.00
Haw River Swamp - Full Delivery	Restoration Systems, LLC	1,260,000.00
Hillcrest Bay Site - Full Delivery	Mid-Atlantic Mitigation, LLC	1,087,500.00
Holly Grove Full Delivery - Cape Fear River Basin	Restoration Systems, LLC	4,088,760.00
Howard Farm Property Stream, Wetland & Buffer Mitigation - Full Delivery	Land Management Group, Inc.	426,060.00
Jarmans Oak Full Delivery - White Oak River Basin	Restoration Systems, LLC	2,516,000.00
Jones Creek Full Delivery	EBX - Neuse I, LLC	2,508,008.00
Lick Creek - Full Delivery	Restoration Systems, LLC	2,042,500.00
Little Buffalo Full Delivery - Neuse River Basin	Restoration Systems, LLC	594,000.00
Little Contenena Creek Riparran Buffer Restoration - Full Delivery	Green Environmental Services, LLC	1,098,852.24
Little River Farms	Baker Engineering of NY, Inc.	1,219,654.00
Little White Oak Creek Full Delivery - Broad River Basin	Mulkey Engineers and Consultants, Inc.	5,314,400.00
Lloyd Site Full Delivery	Restoration Systems, LLC	1,639,550.00
Logan Creek Full Delivery - Savannah River	Baker Engineering of NY, Inc.	1,095,000.00
Lowell Mill Dam - Full Delivery	Restoration Systems LLC	4,373,750.00
Manning Farm Site	Land Management Group, Inc.	148,000.00
Mason Farm Full Delivery	Albermarle Restorations, LLC	720,000.00
McCotter-Raines	Land Management Group, Inc.	370,880.00
McDonalds Pond - Full Delivery	International Paper Company	1,367,322.00
Moccasin Creek Buffer	Green Environmental Services, LLC	427,815.80
Modlin Site	Albemarle Restorations, LLC	1,400,000.00
Morgan Creek Full Delivery - Broad River Basin	Environmental Banc & Exchange, LLC	3,113,040.00
Morgan Creek Full Delivery - French Broad River Basin	Restoration Systems, LLC	1,745,000.00
Moye Farm - Full Delivery	Greene Environmental Services	992,650.00
Moye Farm on Contentnea Creek - Full Delivery	Green Environmental Services	892,997.00
North Muddy Creek Stream & Wetland Restoration - Full Delivery	Environmental Banc & Exchange, LLC	2,094,570.00
Pinch Gut Tributary Full Delivery - Roanoke River Basin	Baker Engineering of NY, Inc.	2,290,000.00
Plum Creek Full Delivery - Lumber River Basin	The Louis Berger Group	1,240,000.00
Powell Property Full Delivery - Chowan River Basin	Albemarle Restorations, LLC	2,865,100.00
Puzzle Creek Full Delivery - Broad River Basin	Baker Engineering of NY, Inc.	1,266,700.00
Reeds Creek	Mid-Atlantic Mitigation, LLC	378,950.00
Rockwell Pastures	EBX Neuse I, LLC	3,025,638.00
Silver Creek Full Delivery	EBX Neuse I, LLC	1,959,131.00

**D i. Active Full-Delivery Contracts**

<b>PROJECT NAME</b>	<b>DESIGN FIRM</b>	<b>CONTRACT AMOUNT</b>
Silver Creek, Conway and Queen Site	Wetlands Resource Center	1,050,488.00
Simpson Buffer	Wetlands Resource Center	825,660.00
Simpson Wetland	Wetlands Resource Center	494,400.00
Sink Hole Creek Stream Restoration - Full Delivery	Baker Engineering of NY, Inc.	1,185,000.00
Snowbird Tributaries	Baker Engineering of NY, Inc.	610,470.00
South Fork Hopper Full Delivery	EBX Neuse I, LLC	1,886,000.00
South Muddy Creek - Full Delivery	Wetlands Resource Center	2,716,692.00
Stricker Branch Full Delivery - Yadkin River Basin	Mid-Atlantic Mitigation, LLC	885,000.00
Tarleton Stream, Wetland Restoration - Full Delivery	Mid-Atlantic Mitigation, LLC	1,218,200.00
Thompson's Fork and Tributary	Wetlands Resource Center	1,212,000.00
Three Mile Creek Stream and Wetland Restoration - Full Delivery	Restoration Systems, LLC	2,492,695.00
Timberlake Farm - Wetland Mitigation Full Delivery	Great Dismal Swamp Restoration Bank, LLC	4,662,500.00
Timberlake Farm - WM - Full Delivery Pasquotank River	Great Dismal Swamp Restoration Bank, LLC	1,040,000.00
Tributary to Reedy Fork Creek	Mulkey Engineers and Consultants, Inc.	1,813,000.00
Walnut Creek - Full Delivery	Restoration Systems, LLC	462,000.00
Walnut Creek Casey Dairy - Full Delivery	Restoration Systems, LLC	1,690,920.00
Whitley Buffer Stream & Wetland Site - Full Delivery	EBX Neuse I, LLC	976,250.00
Woodlawn Branch	The Louis Berger Group	1,145,000.00
Wolf Pond Property Full Delivery - Yadkin River Basin	Environmental Banc & Exchange, LLC	1,305,000.00
Zack's Fork Creek Full Delivery	Spaulding and Norris, PA	705,900.00
	<b>Total Full Delivery Contracts</b>	<b>168,486,771.69</b>

## D ii. Design and Construction Contracts Awarded 2007-2008

### Watershed and Project Planning Services Fiscal Year July 1, 2007 through June 30, 2008

SCO ID No.	Project Name	Firm/Agency	Contract Amount
06-06960-01	UT Uwharrie-Ripshin-Newfound Cult Res Invest.	RJGA	\$32,498.00
07-07017-01	Lewis-Lower-S Fork Hoppers Cult Res Invest	RJGA	\$18,081.00
07-06264-02A	Phase I LWP Goose and Crooked Cr	Tetra Tech, Inc.	\$74,900.00
07-07159-01	L. Tennessee LWP Phase I - III	Equinox Environmental	\$87,668.00
07-07161-01	Upper Yadkin Local Watershed Plan	John R. McAdams	\$132,377.00
n/a	Newfound Creek Conservation Plan	NCSWCD	\$4,800.00
n/a	Statewide Data Analysis Plan	NCDENR-CGIA	\$1,334.00
n/a	Compile Source Data	NCDENR-CGIA	\$31,861.75
n/a	Develop HU Data Sets	NCDENR-CGIA	\$6,202.50
n/a	HU graphics	NCDENR-CGIA	\$6,750.00
n/a	Metadata	NCDENR-CGIA	\$1,372.00
n/a	NLCD Landcover Classification	NCDENR-CGIA	\$6,693.00
<b>Total Watershed and Project Planning Services (12)</b>			<b>\$404,537.25</b>

### Design Services Fiscal Year July 1, 2007 through June 30, 2008

SCO ID No.	Project Name	Firm/Agency	Contract Amount
07-06983-01	Peeler and UT to Hauser Creeks	Ward Consulting	\$276,521.00
02-05942-02A	Meredell Farms Const Mgt	Baker Engineering NY	\$66,238.00
07-06996-01	UT to Haw River	Mulkey	\$151,402.00
00-05299-02	Little Beaver Creek LOMR and CM	Earth Tech	\$42,856.00
07-07080-01	UT Rocky River (Harris Road MS)	Ko & Associates	\$160,898.00
07-07088-01	Glade II Little Pine II	Ward Consulting	\$253,708.00
07-07124-01	UT to West Fork of Deep River	SEPI	\$209,985.00
07-07040-01	Big Harris Creek (Royster Farm)	Stantec	\$488,799.00
07-07125-01	Charles Williams Site	Sungate	\$151,300.00
07-07149-01	UT to Bald Creek	URS	\$182,679.00
<b>Total Design Services (10)</b>			<b>\$1,984,386.00</b>

### Construction Services Fiscal Year July 1, 2007 through June 30, 2008

SCO ID No.	Project Name	Firm/Agency	Contract Amount
05-06588-01A	UT to Pembroke Creek	Osborne	\$357,205.00
05-06615-01A	Little Grassy Creek	Riverworks	\$71,790.00
04-06242-01A	Dye Branch	ITSI	\$641,631.28
02-05941-01A	UT to Cane Creek (Pickard)	Riverworks	\$772,270.00
05-06679-01	Terrible Cr (Fish Tract) Buffer	Backwater	\$156,328.00
02-05880-01A	Goldsboro Housing Authority	Henson Enterprises	\$554,488.00
05-06538-01A	Bishop Road	Kris-Gray	\$349,205.00
04-06298-01A	Goose Creek	Shamrock	\$578,792.00
05-06457-01A	Chapel Creek	Riverworks	\$189,173.00
n/a	Helms Site	Husky	\$202,030.00
n/a	Newfound Creek Agricultural BMPs	NCSWCD	\$263,643.00
n/a	Meredell Farms Agricultural BMPs	NCSWCD	\$202,053.00
n/a	Dutch Buffalo Creek Agricultural BMPs	NCSWCD	\$26,424.00
n/a	S. Fork Hopper Creek Agricultural BMPs	NCSWCD	\$47,286.00
n/a	Cat Creek Agricultural BMPs	NCSWCD	\$41,466.00
<b>Total Construction Services (15)</b>			<b>\$4,453,784.28</b>

### Maintenance and Repair Services Fiscal Year July 1, 2007 through June 30, 2008

SCO ID No.	Project Name	Firm/Agency	Contract Amount
n/a	Beaver Creek Repair	Surry County SWCD	\$311,806.00
n/a	Forest Hills Vegetation Removal	Invasive Plant Control, Inc.	\$9,000.00
n/a	Clear Creek Repair	NCDENR-NCWRC	\$85,211.60
n/a	Juniper Bay Repair	NCDENR-NCWRC	\$20,000.00
n/a	Kings Creek Repair	NCDENR-NCWRC	\$23,708.00
n/a	Statewide Wildlife Damage Control	USDA-APHIS	\$10,000.00
<b>Total Maintenance &amp; Repair Services (6)</b>			<b>\$459,725.60</b>



## D ii. Design and Construction Contracts Awarded 2007-2008

### Monitoring Services

Fiscal Year July 1, 2007 through June 30, 2008

SCO ID No.	Project Name	Firm/Agency	Contract Amount
07-07126-01	2008-09 Monitoring 2984	RK&K	\$124,554.00
07-07130-01	2008-09 Monitoring 2981	KCI Associates	\$234,435.00
07-07141-01	2008 Monitoring Caviness & Spring Valley	WK Dickson	\$14,781.00
07-07142-01	2008-09 Monitoring 2981	FWA	\$81,396.00
07-07141-02	2008-09 Monitoring Gillespie & Hillsdale	WK Dickson	\$53,743.00
07-07148-01	2008-09 Monitoring 2984	EcoScience	\$73,889.00
07-07145-01	2008-09 Monitoring 2984	Equinox Environmental	\$203,896.00
07-07144-01	2008-09 Monitoring 2981	JJG	\$77,928.00
07-07147-01	2008-09 Monitoring 2984	RJGA	\$97,641.00
07-07146-01	2008-09 Monitoring 2981	SEPI	\$211,130.00
07-07143-01	2008-09 Monitoring 2981	The Catena Group	\$179,904.00
07-07144-02	2008-09 Monitoring 2984	JJG	\$326,778.00
07-07150-01	2008-09 Monitoring 2981	Kimley-Horn	\$113,320.00
07-07151-01	2008-09 Monitoring 2984	John R. McAdams	\$209,096.00
07-07150-02	2008-09 Monitoring 2984	Kimley-Horn	\$184,590.00
07-07155-01	2008-09 Monitoring 2981	LMG	\$98,137.00
07-07156-01	2008-09 Monitoring 2981	URS	\$167,454.00
n/a	07-08 Monitoring of 11 Sites	NCWRC	\$126,775.21
<b>Total Monitoring Services (18)</b>			<b>\$2,579,447.21</b>

E i. Fiscal Year 2007-2008 Vendor Payments			
VENDOR NAME	DESIGN	CONSTRUCTION	FULL DELIVERY
ALBEMARLE RESTORATIONS LLC			1,073,384.20
ARCADIS	258,008.10		
AXIOM ENVIRONMENTAL INC	81,859.60		
BAKER ENGINEERING OF NY	255,674.42		4,265,262.00
BIOHABITATS INCORPORATED	108,572.28		
CALDWELL SOIL AND WATER	49,305.65		
DAVIDSON COLLEGE	7,883.93		
DEPT OF ENVIRONMENT & NATURAL - DSWC	103,728.00		
DEWBERRY & DAVIS	48,310.29		
DUKE UNIVERSITY	9,131.44		
EARTH TECH INCORPORATED	151,999.00		246,038.00
EBX NEUSE I LLC			2,244,228.45
ECOLOGIC ENGINEERING	6,778.50		
ECOSCIENCE CORPORATION	162,626.46		
ENVIROCON INCORPORATED		19,046.21	
ENVIRONMENTAL BANC AND			4,609,769.40
ENVIRONMENTAL SERVICES INC	175,051.70		
EQUINOX ENVIRONMENTAL	103,298.56		
ESTES DESIGN INCORPORATED	19,505.04		
FLUVIAL SOLUTIONS INCORPORATED		203,494.26	
GREAT DISMAL SWAMP RESTORATION			260,000.00
GREENE ENVIROMENTAL SERVICES			170,615.71
HAYES SEAY MATTERN & MATTERN	24,727.99		
HDR ENGINEERING OF THE	155,949.74		
HIWASSEE RIVER WATERSHED	9,843.50		
INNOVATIVE TECHNICAL SOLUTIONS		352,839.14	
INTERNATIONAL PAPER			68,366.10
JORDAN JONES AND GOULDING INC	194,538.05		
KCI ASSOCIATES OF N C	441,719.46		4,071,008.75
KIMLEY-HORN AND ASSOCIATES INC	317,230.53		
KO AND ASSOCIATES PC	345,237.40		
KRIS GRAY CONSTRUCTION INC		109,794.16	
L J INC		283,122.66	
LAND MANAGEMENT GROUP INC			47,247.00
MACTEC ENGINEERING AND	68,259.05		
MCQUEEN CONSTRUCTION INC		9,220.00	
MICKEY B HENSON ENTERPRISES/dba: Appal		205,491.38	
MID ATLANTIC MITIGATION LLC			799,855.00
MULKEY ENGINEERS AND CONSULT	225,517.03		2,319,520.00
NC STATE UNIVERSITY	193,716.84		
NC WILDLIFE FINANCE	139,098.24		
NEW RIVER SOIL AND WATER	39,181.96		
NORTH STATE ENVIRONMENTAL INC		1,085,496.62	
OSBORNE COMPANY OF NC INC		1,016,923.10	
PIEDMONT TRIAD COUNCIL	91,190.64		
QUARTERMASTER ENVIRONMENTAL		387,358.20	
RANDOLPH COUNTY SOIL AND WATER	19,324.80		
RESTORATION SYSTEMS LLC			6,112,417.45
RIVER WORKS INCORPORATED		899,485.87	447,568.50

<b>E i. Fiscal Year 2007-2008 Vendor Payments</b>			
<b>VENDOR NAME</b>	<b>DESIGN</b>	<b>CONSTRUCTION</b>	<b>FULL DELIVERY</b>
ROBERT J GOLDSTEIN AND	166,026.57		
RUMMEL KLEPPER AND KAHL LLP	189,662.70		
SAWYERS LAND DEVEL CO INC		213,566.00	
SEPI ENGINEERING GROUP	207,738.15		
SHAMROCK ENVIRONMENTAL CORP		1,010,905.25	
SOIL AND ENVIRONMENTAL	83,316.52		
SPAULDING AND NORRIS PA			35,295.00
STANTEC CONSULTING SERVICES	373,643.69		
SUNGATE DESIGN GROUP PA	41,904.80		408,750.00
TETRA TECH DIVISION	22,513.80		
THE JOHN R MCADAMS COMPANY INC	57,222.00		
THE LOUIS BERGER GROUP INC	85,171.64		265,651.25
UNC CHAPEL HILL	268,905.92		
UNITED CONSTRUCTION INC		458,620.95	
URS CORPORATION NORTH CAROLINA	167,198.94		
US GEOLOGICAL SURVEY	7,900.00		
WK DICKSON & CO INC	161,880.09		
WARD CONSULTING ENGINEERS PC	262,354.28		
WESTERN PIEDMONT COG	6,434.00		
WETLANDS RESOURCE CENTER			2,028,390.83
WILKES SWCD	1,711.37		
WITHERS AND RAVENEL INC	45,670.27		
<b>TOTAL SERVICES PER CATEGORY</b>	<b>5,956,522.94</b>	<b>6,255,363.80</b>	<b>29,473,367.64</b>
<b>TOTAL ALL SERVICES</b>	<b>41,685,254.38</b>		

Appendix E i. Cumulative Properties 1997 - 2008					
Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Basket Creek-Wesleyan Blvd.	Nash	CE	41.5	5/14/97	R
Holloman Wetland	Greene	CE	27.5	10/31/97	R
Buckhead Subdivision	Cumberland	CE	4.6	12/1/98	R
Barra Farms	Cumberland	CE	622.9	3/19/99	R
Carteret-Craven EMC Wetland	Carteret	CE	4.1	11/19/99	R
Payne Dairy	Alexander	CE	40.2	12/30/99	R
Hoffman Forest Preservation Site	Onslow	Fee	100.0	4/6/00	P
Nucor Steel Mill Site	Hertford	Fee	150.3	4/18/00	R
Brush Creek	Alleghany	CE	2.9	5/9/00	R
Brush Creek	Alleghany	CE	7.8	5/9/00	R
Contentnea Creek, Neuse River	Greene	CE	80.0	8/18/00	R
Providence Road	Mecklenburg	CE	8.8	9/27/00	R
Providence Flat Swamp Forest	Mecklenburg	CE	17.9	9/27/00	R
Wilson Bay-Sturgeon City	Onslow	CE	3.1	12/18/00	R
Hobbs Road	Guilford	CE	3.3	3/27/01	R
Hominy Swamp Creek	Wilson	CE	3.9	6/6/01	R
Reed Creek	Buncombe	CE	1.3	6/25/01	R
Smith-Austin Creek	Wake	Fee	3.3	9/8/01	R
Smith-Austin Creek	Wake	Fee	33.4	9/8/01	R
Clear Creek	Henderson	CE	6.4	10/16/01	R
Scott-Lamb Wetland	Pasquotank	Fee	22.6	12/31/01	R
Howell Woods	Johnston	CE	139.9	2/8/02	R
Little Beaver Creek	Wake	CE	40.9	3/15/02	R
Wike Stream	Catawba	CE	12.4	4/19/02	R
Haw River-Bouchard Preservation Site	Rockingham	CE	95.4	5/9/02	P
Mud Creek (Brevard Church Property)	Henderson	CE	14.0	5/15/02	R
Mine Site	Chatham	CE	38.4	5/30/02	P
Moncure Site	Lee	CE	13.5	5/30/02	P
County Line Stream	Buncombe	CE	0.08	6/29/02	R
County Line Stream	Henderson	CE	6.5	6/29/02	R
Murphy Farm	Franklin	CE	4.2	7/1/02	R
Boiling Springs	Brunswick	CE	7.4	8/8/02	R
Maritime Museum	Carteret	CE	0.9	9/30/02	R
Little Beaver Creek	Wake	CE	7.5	10/2/02	R
Little Bugaboo Creek	Wilkes	CE	0.01	12/10/02	R
Little Bugaboo Creek	Wilkes	CE	1.3	12/10/02	R
Louisburg Creek	Franklin	CE	1.9	12/13/02	R
East Group Buffer	Pitt	CE	2.3	12/27/02	R
Cato Stream	Mecklenburg	CE	6.3	1/8/03	R
Louisburg Creek	Franklin	CE	1.1	1/14/03	R
Little Bugaboo Creek	Wilkes	CE	3.8	1/31/03	R
Bushy Branch, (Kentwood Park)	Wake	CE	2.9	2/10/03	R
Chavis Branch, (Chavis Park)	Wake	CE	4.6	2/10/03	R
Little Bugaboo Creek	Wilkes	CE	4.2	2/12/03	R
Little Bugaboo Creek	Wilkes	CE	1.7	3/12/03	R
Carper-Harris Wetland	Pasquotank	CE	67.8	3/14/03	R
Suck Creek	Moore	CE	9.2	3/17/03	R
UT to South Fork Creek	Alamance	CE	10.2	3/27/03	R
Kiser Stream and Flood Plain	Alamance	CE	15.5	3/27/03	R
Little River Wetland	Moore	CE	125.8	3/28/03	R
Big Warrior Creek	Wilkes	CE	0.5	5/8/03	R
Big Warrior Creek	Wilkes	CE	2.6	5/12/03	R
UT to South Fork Creek	Alamance	CE	16.3	5/16/03	R
Brushy Fork Creek	Forsyth	CE	7.9	6/17/03	R

Appendix E i. Cumulative Properties 1997 - 2008					
Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Knox Property	Mecklenburg	CE	11.9	7/2/03	R
Wells Creek	Alamance	CE	18.1	7/15/03	R
Brushy Fork Creek	Forsyth	CE	9.7	7/17/03	R
Big Warrior Creek	Wilkes	CE	2.0	7/30/03	R
DuPont Forest-Waterfall	Transylvania	Fee	2223.0	8/8/03	R
Big Warrior Creek	Wilkes	CE	9.1	8/13/03	R
Well's Creek	Alamance	CE	2.5	8/15/03	R
Hall Branch	Richmond	CE	6.0	8/22/03	R
Big Warrior Creek	Wilkes	CE	0.8	8/25/03	R
UT to South Fork Creek	Alamance	CE	2.5	9/2/03	R
Big Warrior Creek	Wilkes	CE	2.7	9/2/03	R
Purlear Creek	Wilkes	CE	18.7	10/2/03	R
Haw River-Cone Swamp-Phillips	Guilford	CE	75.8	10/22/03	HQP
Purlear Creek	Wilkes	CE	1.4	11/10/03	R
Four Mile Creek	Mecklenburg	CE	48.4	11/14/03	R
Biltmore Technology Center	Buncombe	CE	11.5	11/24/03	R
Big Warrior/Little Warrior	Wilkes	CE	14.8	12/1/03	R
Silas CreekShaffner Park Property	Forsyth	CE	15.3	12/3/03	R
Lost Bridge	Macon	Fee	140.0	12/9/03	HQP
Mingo Tract	Caldwell	Fee	5648.0	12/12/03	HQP
Eno River-Poplar Ridge (Bunting)	Orange	Fee	134.5	12/16/03	HQP
Haw River-Duke Forest	Chatham	Fee	893.0	12/19/03	HQP
Eno River Wilderness	Orange	Fee	814.9	12/31/03	HQP
Big Warrior Creek	Wilkes	CE	2.5	1/5/04	R
Rankin Tract	Gaston	CE	506.1	1/5/04	HQP
Snow Creek	Stokes	CE	0.2	1/7/04	R
Snow Creek	Stokes	CE	1.6	1/7/04	R
Snow Creek	Stokes	CE	3.9	1/7/04	R
Snow Creek	Stokes	CE	7.3	1/7/04	R
Needmore Tract	Swain	Fee	4467.0	1/15/04	HQP
Horse Creek	Wake	CE	8.0	1/21/04	R
Len's Knob & Little Mountain	Surry	Fee	2151.9	1/23/04	HQP
Snow Creek	Stokes	CE	1.9	2/17/04	R
North Buffalo Creek, Brown Bark Park	Guilford	CE	8.9	2/23/04	R
South Buffalo Creek, Hillsdale Park	Guilford	CE	16.7	2/23/04	R
South Buffalo Creek, Benbow Park	Guilford	CE	4.3	2/26/04	R
Mile Run Creek, Gillespie Park	Guilford	CE	16.1	2/26/04	R
Cane Creek	Alamance	CE	3.3	3/16/04	R
Cane Creek	Alamance	CE	3.7	3/16/04	R
Mary's Creek	Alamance	CE	6.8	3/17/04	R
Allen Tract	Franklin	CE	146.8	3/18/04	HQP
Moccasin Creek	Wake	Fee	82.5	5/5/04	HQP
Drowning Creek	Moore	CE	786.0	5/20/04	HQP
Snow Creek	Stokes	CE	0.5	5/26/04	R
Snow Creek	Stokes	CE	0.6	5/26/04	R
Little Table Rock	Mitchell	CE	544.3	6/11/04	HQP
Newton Tract-White Pines	Chatham	CE	16.3	6/23/04	HQP
Davis Tract-Yadkin River	Davie	CE	75.5	7/19/04	HQP
Cross Creek	Cumberland	CE	0.05	7/21/04	R
Cross Creek	Cumberland	CE	0.5	7/21/04	R
Cross Creek	Cumberland	CE	4.1	7/21/04	R
Cross Creek	Cumberland	CE	0.04	7/30/04	R
New River Heights Tract-New River	Ashe	Fee	109.9	8/27/04	HQP
Little River	Perquimans	Fee	48.1	9/14/04	R

**Appendix E i. Cumulative Properties 1997 - 2008**

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Lone Mountain-Phase One and Two	Rutherford	Fee	1245.2	9/27/04	HQP
Adams Landing	Pasquotank	CE	23.1	10/5/04	R
Panther Creek-Cary Park	Wake	CE	7.9	10/13/04	R
Cashie River-IP-Thunderbolt-Baltimore	Bertie	CE	748.8	10/28/04	HQP
Pickler's Bluff	Rowan	CE	10.5	12/15/04	HQP
Hog Branch Ponds	Brunswick	Fee	516.7	12/17/04	R
Great Coharie-TNC	Sampson	Fee	4858.0	12/17/04	HQP
Shartree Subdivision	Franklin	CE	35.6	12/20/04	R
Langley Site-Cypress Creek	Franklin	CE	40.4	12/23/04	HQP
Sandymush-Progress Energy	Buncombe	Fee	2655.0	12/28/04	HQP
William O'Neal Tract-Swift Creek	Franklin	CE	18.5	12/29/04	HQP
Harper Tract-Swift Creek	Franklin	CE	27.6	12/29/04	HQP
Guthrie Tract-Shelton Creek	Granville	CE	110.5	12/29/04	HQP
TESC-Mark's Creek	Wake	Fee	31.5	1/4/05	HQP
Billy's Creek	Franklin	CE	5.0	1/7/05	R
Beaver Dam-Drowning Creek I (Rankin Tract)	Moore	CE	915.2	1/7/05	HQP
Wallace Deer Club (Blanchard Tract)	Pender	CE	1239.0	1/20/05	HQP
Coddle Creek	Cabbarus	Fee	7.9	1/26/05	R
Linville River-White Creek	Burke	Fee	1425.3	1/27/05	HQP
Stevens Tract-Eno River	Durham	Fee	70.7	2/1/05	HQP
RFP-Contentnea Buffer Phase II	Greene	CE	50.1	2/4/05	R
Hillcrest Bay	Hoke	CE	46.7	2/11/05	HQP
McGowan Creek	Orange	CE	30.8	2/22/05	R
Kings Creek	Transylvania	CE	6.1	3/10/05	R
Wimberley Tract-Nat's Creek	Moore	CE	34.1	3/21/05	HQP
Lester Capps Tract-Shocco Creek	Franklin	CE	19.4	3/28/05	HQP
Lynn Capps Tract-Fishing Creek	Warren	CE	36.8	3/28/05	HQP
Troublesome Creek	Rockingham	CE	52.7	4/8/05	R
Pickard Farms Stream	Alamance	CE	14.6	4/13/05	R
Pickard Farms Stream	Alamance	CE	18.2	4/13/05	R
Pickard Farms Stream	Alamance	CE	18.3	4/13/05	R
Bishop Tract-Canal Branch	Anson	CE	78.9	4/13/05	HQP
Elk-Shoals-Methodist Camp	Ashe	CE	95.9	4/15/05	HQP
Wallace Deer Club (Swinson Tract)	Pender	CE	109.9	4/19/05	HQP
Old Cove Tract-Green River-Burdett Property	Polk	CE	24.0	4/21/05	HQP
Lewis Tract, Little River	Randolph	CE	43.6	4/29/05	HQP
Shocco Creek LLC-Little Shocco Creek	Franklin	CE	40.4	5/3/05	HQP
Swift Creek Wetlands	Wake	CE	41.7	5/3/05	HQP
Eno River-Cabe's Ford-Scarlett Tract	Orange	Fee	11.0	5/19/05	HQP
Eno River-Cabe's Ford-McFayden Tract	Orange	Fee	26.9	5/21/05	HQP
Tucker-Daniel 2 Tract-Shelton Creek	Granville	CE	3.4	5/24/05	HQP
Peterson Tract-Shelton Creek	Granville	CE	40.6	5/24/05	HQP
O'Neal Tract-Little Shocco Creek	Franklin	CE	26.0	5/31/05	HQP
Whitlace Creek	Lenoir	CE	35.8	5/31/05	R
Lambert Tract-Uwharrie River Bluff	Montgomery	CE	18.3	6/9/05	HQP
Seagate Woods	Carteret	CE	123.0	6/10/05	P
Four Mile Creek-Coffey Creek	Mecklenburg	CE	0.8	6/16/05	R
Norwood Gainey Wetland	Wayne	Fee	58.4	6/16/05	R
Flat River-Horton Grove	Durham	CE	307.3	6/17/05	HQP
Sturges Tract-Fishing Creek	Franklin/Nash	CE	13.5	6/21/05	HQP
oanoke River-IP-Blue Sky Timber Tract 42-'	Halifax	CE	263.8	6/27/05	HQP
oanoke River-IP-Blue Sky Timber Tract 42-'	Halifax	CE	319.7	6/27/05	HQP
West Haven Apartment Stream	Wayne	CE	2.2	7/10/05	R



**Appendix E i. Cumulative Properties 1997 - 2008**

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
McDonald's Pond	Richmond	CE	127.9	7/14/05	R
New Light Creek	Wake	Fee	34.9	8/1/05	R
Haw River-Bouchard Tract	Rockingham	CE	30.9	8/4/05	P
Great Dismal Swamp Restoration Bank	Tyrrell	CE	455.0	8/17/05	R
Brogden Road Buffer Site	Johnston	CE	15.0	8/24/05	R
Grogan Tract-Mayo River	Rockingham	Fee	81.3	8/25/05	HQP
West Haven Apartment Stream	Wayne	CE	2.5	8/31/05	R
Green Tract-Fishing Creek	Warren	CE	15.6	9/13/05	HQP
Whitley Site	Johnston	CE	27.5	9/13/05	R
River's Edge	Perquimans	CE	1.6	9/15/05	R
Averett Tract-Tar River	Granville	CE	11.4	9/20/05	HQP
Indian Run-Coddle Creek	Cabbarus	CE	1.1	9/21/05	R
Big Bull Buffer Site	Johnston	CE	36.8	9/21/05	R
UT Buffalo Shoals Creek-Gray Farm	Iredell	CE	21.5	9/22/05	R
Edwards Tract-Fishing Creek	Nash	CE	87.3	9/23/05	HQP
Gaitlin Swamp	Martin	CE	150.5	9/23/05	R
A&P Timber Tract-Sandy Creek	Franklin	CE	18.5	9/28/05	HQP
Smitherman Tract-Tar River	Granville	CE	20.3	9/28/05	HQP
Faulkner Tract-Sandy Creek	Franklin	CE	20.3	9/28/05	HQP
D. Davis Tract-Shocco Creek	Warren	CE	12.1	10/7/05	HQP
MacNair Tract (Turpentine, LLC)-Aycock Creek	Granville	CE	211.1	10/7/05	HQP
Charles Creek	Pasquotank	CE	2.0	10/10/05	R
Beaverdam Creek	Mecklenburg	CE	0.2	10/12/05	R
Beaverdam Creek	Mecklenburg	CE	2.5	10/12/05	R
Crowther North-South Yadkin River	Rowan	CE	39.1	10/14/05	HQP
Baker Tract, Little River	Randolph	CE	10.1	10/17/05	HQP
Dutch Second Creek-Hill Tract	Rowan	CE	17.0	10/18/05	HQP
Ellerbe Creek	Durham	CE	17.4	10/20/05	R
Moccasin Creek, Kornegay Farms	Johnston	CE	20.5	10/21/05	R
Childers Tract North Pacolet	Polk	Fee	39.9	10/25/05	HQP
Contentnea Creek, Stokes Farm	Greene	CE	55.7	10/28/05	R
Reeds Creek	Iredell	CE	14.7	10/31/05	R
Reeds Creek	Cumberland	CE	18.2	11/1/05	R
MacKovic Tract-Countyline Creek-Prodev LLC	Caswell	Fee	90.1	11/3/05	HQP
Conetoe Creek Buffer Site	Pitt	CE	10.0	11/9/05	R
Reeds Creek	Iredell	CE	23.7	11/9/05	R
Walbourn Tract, Little River	Randolph	CE	38.0	11/23/05	HQP
Tobey Tract-Melrose Mountain	Polk	Fee	318.4	11/23/05	HQP
Coddle Creek	Cabbarus	CE	3.7	11/28/05	R
Coddle Creek	Cabbarus	CE	6.4	11/28/05	R
Tomlinson Tract-Little Shocco Creek	Franklin	CE	78.0	11/28/05	HQP
Alston Tracts 1, 2 & 3-Shocco Creek	Franklin	CE	359.6	12/1/05	HQP
Cane Creek	Alamance	CE	22.6	12/5/05	R
Terrible Creek	Wake	Fee	48.0	12/7/05	R
Harrell Stream and Wetland	Edgecombe	CE	44.6	12/9/05	R
IP/Alston Tract-Fishing Creek	Warren	CE	179.4	12/9/05	HQP
Beaverdam Creek	Mecklenburg	CE	43.9	12/13/05	R
Bruchon Tract-Roan Massif	Mitchell	Fee	145.7	12/20/05	HQP
McIntyre Creek	Mecklenburg	CE	0.11	12/21/05	R
Camp Chestnut Ridge-Sevenmile Creek	Orange	CE	59.7	12/22/05	HQP
Nahunta Swamp	Wayne	CE	56.3	12/22/05	R
Winslow Tract-North Fork Upper Tar River	Granville	CE	36.9	12/28/05	HQP
Wheless Tract-Little Shocco Creek	Franklin	CE	14.6	12/29/05	HQP
Hodges Tract-Tar River	Franklin	CE	41.7	12/29/05	HQP

**Appendix E i. Cumulative Properties 1997 - 2008**

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Bessemer Tract-Hyco Lake	Caswell	CE	167.0	12/29/05	HQP
Tucker-Daniel 1 Tract-Shelton Creek	Granville	CE	18.1	1/4/06	HQP
Cooper Swamp-Modlin Site	Martin	CE	41.2	1/20/06	R
Brushy Fork Creek	Forsyth	CE	0.4	1/24/06	R
Manning Farm Site	Edgecombe	CE	10.0	1/26/06	R
Middle Swamp Creek	Pitt	Fee	10.6	1/26/06	R
Freedom Park-Little Sugar Creek	Mecklenburg	CE	13.1	1/26/06	R
New Hope Creek-Brown Farm	Orange	CE	46.1	1/26/06	R
Tarleton-Country Club Hills-Reeds Creek	Cumberland	CE	17.8	1/27/06	R
Howard Farm Site	Greene	CE	26.8	2/1/06	R
Daniels & Daniels Farms	Franklin	CE	33.8	2/6/06	R
Beaverdam Creek	Mecklenburg	CE	0.6	2/7/06	R
Beaverdam Creek	Mecklenburg	CE	1.5	2/8/06	R
M. Speed Tract-Little Shocco Creek	Warren	CE	44.6	2/10/06	HQP
Sandy Creek	Durham	CE	10.4	2/14/06	R
Beaverdam Creek	Mecklenburg	CE	2.5	2/16/06	R
Beaverdam Creek	Mecklenburg	CE	15.9	2/17/06	R
McIntyre Creek	Mecklenburg	CE	0.7	2/24/06	R
Double Thumb Road-Bost Tract	Rowan	Fee	3.7	2/28/06	R
Double Thumb Road-Madden Tract	Rowan	Fee	6.7	2/28/06	R
Wickliff Tract-Dutch Buffalo Creek	Cabarrus	CE	2.7	3/3/06	HQP
East Tarboro Canal	Edgecombe	CE	3.1	3/3/06	R
WalkerTract-Dutch Buffalo Creek	Cabarrus	CE	33.7	3/3/06	HQP
Parker Tract, Little River	Randolph	CE	34.0	3/3/06	HQP
East Tarboro Canal Phase 1	Edgecombe	CE	0.8	3/6/06	R
East Tarboro Canal	Edgecomb	CE	8.9	3/6/06	R
Black Gum Creek	Robeson	CE	146.5	3/17/06	R
East Tarboro Canal	Edgecomb	CE	5.8	3/22/06	R
Glen Raven Wetland, KCI Full Delivery	Alamance	CE	9.5	3/27/06	R
Conoconnara Site	Halifax	CE	186.6	4/6/06	R
McIntyre Creek	Mecklenburg	Const. E	n/a	4/28/06	R
Betty Crews Tract-Tar River	Granville	CE	31.6	5/3/06	HQP
Coddle Creek	Cabbarus	CE	1.4	5/19/06	R
Hall Tract-Fishing Creek	Edgecombe	CE	231.4	5/19/06	HQP
Whatley Tract-Uwharrie River	Randolph	CE	24.8	5/23/06	HQP
Parrish Tract-Sandy Creek	Franklin	CE	33.4	5/30/06	HQP
Crews Farm-Roy Crews Tract-Tar River	Granville	CE	10.1	5/31/06	HQP
Mayo River Hickory Creek Robertson	Rockingham	CE	166.3	5/31/06	HQP
Ward Tract-Green River	Polk	CE	15.4	6/2/06	HQP
Third Fork Creek	Durham	CE	8.9	6/6/06	R
Wells Tract, Cape Fear River	Pender	Fee	99.8	6/6/06	HQP
Thorp Tracts-Shelton Creek	Granville	CE	52.2	6/7/06	HQP
Morton Tracts-Shelton Creek	Granville	CE	5.9	6/9/06	HQP
Pitts Tracts-Tar River	Granville	CE	27.3	6/9/06	HQP
Sherman Tract No. 1-Tar River	Granville	CE	16.0	6/19/06	HQP
Sherman Tract 2-Tar River	Granville	CE	28.1	6/19/06	HQP
Penny Tract-New Hope Creek	Orange	CE	20.1	6/22/06	HQP
Grissom Tract-Barnes Creek	Montgomery	CE	55.9	6/30/06	HQP
Collins Creek	Orange	CE	27.9	7/12/06	R
Little Buffalo	Johnston	CE	19.5	7/14/06	R
Branson Creek	Cumberland	CE	3.0	7/18/06	R
Dean Tract-Tar River	Granville	CE	63.5	7/18/06	HQP
Shearin Tract-Fishing Creek	Warren	CE	70.1	7/18/06	HQP
Slaughter Tract-Shelton Creek	Granville	CE	35.3	7/24/06	HQP

**Appendix E i. Cumulative Properties 1997 - 2008**

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Rose Bay Creek-Mason Site	Hyde	CE	36.1	7/24/06	R
Cane Creek	Person	CE	52.1	7/27/06	R
Perry Tract-Cedar Creek	Franklin	CE	162.4	7/27/06	HQP
Seven Springs Farm-Silver Creek	Burke	CE	5.1	8/2/06	R
Seven Springs Farm-Silver Creek	Burke	CE	6.8	8/2/06	R
UT Uwharrie	Randolph	CE	32.8	8/3/06	R
Little Troublesome Creek	Rockingham	CE	10.2	8/4/06	R
Little Troublesome Creek	Rockingham	CE	20.0	8/4/06	R
Buckhorn Creek-Lloyd Tract	Onslow	CE	24.3	8/7/06	R
Gardner Tract-Big Pond Bay	Cumberland	Fee	31.0	8/9/06	HQP
UT Pembroke Creek	Chowan	CE	59.4	8/17/06	R
UT Hardison Mill Creek	Beaufort	CE	75.0	8/17/06	R
Johnston Tract-Reedy Creek	Warren	CE	64.6	8/30/06	HQP
McIntyre Creek	Mecklenburg	CE	15.9	8/31/06	R
Beaver Dam-Drowning Creek Phase II	Moore	CE	59.2	8/31/06	
Eno River-Penny Tract	Durham	Fee	114.7	8/31/06	HQP
Sharpe Riverine Wetland Preservation	Rockingham	Fee	17.1	9/13/06	P
Naked Creek	Wilkes	CE	1.0	9/21/06	R
Blounts Creek-CH2MHill	Cumberland	CE	2.6	9/21/06	R
Blounts Creek-CH2MHill	Cumberland	CE	7.9	9/21/06	R
Naked Creek	Wilkes	CE	4.0	9/22/06	R
Oakley Tract-Tar River	Granville	CE	13.3	10/4/06	HQP
Dye Branch	Iredell	CE	0.03	10/5/06	R
Blounts Creek-CH2MHill	Cumberland	CE	2.9	10/5/06	R
Dye Branch	Iredell	CE	0.03	10/6/06	R
Dye Branch	Iredell	CE	0.03	10/6/06	R
Dye Branch	Iredell	CE	0.05	10/6/06	R
Dye Branch	Iredell	CE	0.05	10/6/06	R
Dye Branch	Iredell	CE	0.05	10/6/06	R
Dye Branch	Iredell	CE	0.06	10/6/06	R
Harrell Tract-Chowan River	Chowan	CE	111.0	10/9/06	HQP
Dye Branch	Iredell	CE	0.06	10/10/06	R
Dye Branch	Iredell	CE	0.06	10/11/06	R
Capps Forestry Enterprises-Fishing Creek	Warren	CE	23.5	10/11/06	HQP
Dye Branch	Iredell	CE	0.04	10/12/06	R
Dye Branch	Iredell	CE	0.04	10/13/06	R
Hunting Creek	Iredell	CE	10.1	10/16/06	R
McIntyre Creek	Mecklenburg	CE	0.3	10/18/06	R
Gupton Tract-Shocco Creek	Franklin	Fee	179.9	10/25/06	HQP
Bingham Tract-Uwharrie River	Montgomery	CE	562.2	10/26/06	HQP
Capps Farms Inc.-Fishing Creek	Warren	CE	39.6	10/31/06	HQP
Boyer Tract-Green River	Polk	CE	31.4	11/6/06	HQP
Blounts Creek-CH2MHill	Cumberland	CE	4.2	11/7/06	R
Brushy Fork Creek	Forsyth	CE	0.4	11/16/06	R
Walnut Creek	Wayne	CE	27.3	11/16/06	R
Jarmans Oak, Restoration Systems	Onslow	CE	10.8	11/17/06	R
Blounts Creek-CH2MHill	Cumberland	CE	10.1	11/27/06	R
McKean Tract-Deep Creek-Sandy Creek	Moore	CE	95.4	11/27/06	HQP
UT to Reedy Fork Creek	Guilford	CE	2.1	11/28/06	R
Morgan Creek	Haywood	CE	10.2	12/1/06	R
Wolf Pond Tract-EBX	Union	CE	13.2	12/1/06	R
Little White Oak Creek	Polk	CE	56.0	12/12/06	R
Harris Tract-Tar River	Granville	CE	38.8	12/13/06	HQP
Dula Thoroughfare	Anson	CE	3.6	12/14/06	R

**Appendix E i. Cumulative Properties 1997 - 2008**

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Pories Tract-Tar River	Pitt	CE	37.5	12/14/06	HQP
Quioccosin Swamp, Albemarle Restoration	Bertie	CE	90.0	1/2/07	R
Dye Branch	Iredell	CE	0.08	1/10/07	R
Greenbriar Creek	Chatham	CE	17.0	1/10/07	R
Brown Marsh Swamp-Restoration Sys.	Robeson	CE	20.3	1/17/07	R
Jarmans Oak, Restoration Systems	Onslow	CE	6.0	1/18/07	R
Jarmans Oak, Restoration Systems	Onslow	CE	29.5	1/18/07	R
Brushy Fork Creek	Forsyth	CE	1.7	1/22/07	R
McDonald Tract-Hitchcock Creek	Richmond	CE	39.6	1/22/07	HQP
Goose Creek	Durham	CE	1.6	1/23/07	R
Cutawhiskie Creek	Hertford	CE	22.9	1/31/07	R
Ellington Branch	Warren	CE	14.5	2/15/07	R
Branson Creek	Cumberland	CE	0.2	2/16/07	R
Mullen Tract-Sandy Creek	Franklin	CE	28.6	2/23/07	HQP
Beaverdam Site-EBX	Harnett	CE	13.4	2/27/07	R
Cochran Tract-Little River	Montgomery	CE	18.6	2/27/07	HQP
Luthi Tract-Skyuka Creek	Polk	CE	19.7	2/27/07	HQP
Beaverdam Site-EBX	Harnett	CE	22.0	2/27/07	R
Big Cedar Creek	Stanly	CE	40.7	2/27/07	R
Dye Branch	Iredell	CE	0.04	3/2/07	R
Clark Mill Creek-Albemarle Restoration	Hyde	CE	25.0	3/12/07	R
Brushy Fork Creek	Forsyth	CE	2.5	3/15/07	R
Great Dismal Swamp Restoration Bank	Tyrrell	CE	12.7	3/19/07	R
Dog Bite Creek, KCI	Mitchell	CE	6.9	3/28/07	R
UT Crab Creek	Alleghany	CE	14.3	4/2/07	R
Duke Swamp	Gates	CE	25.4	4/2/07	R
Holly Grove Farm-Restoration Systems	Guilford	CE	61.5	4/3/07	R
Young Tract-Sandy Creek	Franklin	CE	71.7	4/24/07	HQP
Branson Creek	Cumberland	Const. E	0.03	5/3/07	R
Branson Creek	Cumberland	CE	0.09	5/3/07	R
Branson Creek	Cumberland	CE	0.2	5/3/07	R
Branson Creek	Cumberland	CE	0.3	5/3/07	R
Branson Creek	Cumberland	CE	0.4	5/3/07	R
Branson Creek	Cumberland	CE	0.4	5/3/07	R
Branson Creek	Cumberland	CE	0.6	5/3/07	R
Branson Creek	Cumberland	CE	3.3	5/3/07	R
Pinch Gut Creek	Stokes	CE	2.8	5/23/07	R
Pinch Gut Creek	Stokes	CE	29.0	5/23/07	R
Adkin Branch	Lenoir	Const. E	0.12	5/25/07	R
Paschal Tract-Glendon Slate Creek	Moore	CE	14.9	5/25/07	HQP
M. Paschal Tract-Deep River	Moore	CE	74.9	5/25/07	HQP
Rocky River-Stricker Branch	Cabbarus	CE	1.4	6/4/07	R
Rocky River-Stricker Branch	Cabbarus	CE	1.6	6/4/07	R
Rocky River-Stricker Branch	Cabbarus	CE	4.7	6/4/07	R
North Muddy Creek	McDowell	CE	2.2	6/5/07	R
North Muddy Creek	McDowell	CE	4.3	6/5/07	R
North Muddy Creek	McDowell	CE	5.7	6/5/07	R
Greenbriar Creek	Alamance	CE	0.5	6/13/07	R
Jordan Tract-Deep River (Singleton Tract)	Moore	CE	11.5	6/14/07	HQP
Steele Tract-Mill Creek	Surry	CE	14.9	6/14/07	HQP
Cochran Tract-Uwharrie River	Montgomery	CE	15.4	6/14/07	HQP
Fisher River-Fisher Peak	Surry	CE	151.2	6/14/07	HQP
Jordan Tract-Deep River (Paschal Tract)	Moore	CE	156.2	6/14/07	HQP
range County-Trinity School-New Hope Cre	Orange	CE	26.5	6/15/07	HQP

**Appendix E i. Cumulative Properties 1997 - 2008**

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Farrar Dairy Farm-KCI	Harnett	CE	13.0	7/17/07	R
Farrar Dairy Farm-KCI	Harnett	CE	54.1	7/17/07	R
Farrar Dairy Farm-KCI	Harnett	CE	99.9	7/17/07	R
Richland Creek	Wake	CE	7.6	7/24/07	R
Glade Creek	Alleghany	CE	14.3	7/27/07	R
Lower Creek	Caldwell	CE	2.6	8/20/07	R
Cane Creek-Restoration Systems	Rutherford	CE	0.9	8/22/07	R
Cane Creek-Restoration Systems	Rutherford	CE	3.0	8/22/07	R
Cane Creek-Restoration Systems	Rutherford	CE	19.2	8/22/07	R
Cane Creek-Restoration Systems	Rutherford	CE	20.0	8/22/07	R
Davis Branch-Wetlands Resource	Union	CE	2.4	8/24/07	R
Davis Branch-Wetlands Resource	Union	CE	11.0	8/24/07	R
Beaverdam Creek-Wetlands Resource	Union	CE	7.8	8/24/07	R
Jenny's Gut-Edward Nixon Tract	Perquimans	CE	1.0	8/28/07	R
Hall Branch	Richmond	Access	0.6	9/2/07	R
Bear Creek	Chatham	CE	32.0	9/4/07	R
Jenny's Gut-William P. Nixon Tract	Perquimans	CE	5.8	9/5/07	R
Cane Creek-Restoration Systems	Rutherford	CE	0.5	9/6/07	R
Blockhouse Creek	Polk	CE	13.2	9/7/07	R
Puzzle Creek-Baker Engineering	Rutherford	CE	2.3	9/11/07	R
Puzzle Creek-Baker Engineering	Rutherford	CE	9.1	9/11/07	R
Branson Creek	Cumberland	CE	0.07	9/17/07	R
UT Jumping Run Creek	Cumberland	CE	225.3	9/19/07	R
Morgan Creek	McDowell	CE	36.5	10/4/07	R
Salmon Creek-Nichols Farm	Bertie	Fee	72.8	10/10/07	R
Hall Branch	Richmond	CE	4.5	10/12/07	R
Irwin Creek, Whitehurst Road	Mecklenburg	CE	5.7	10/15/07	R
Ripshin Branch	Ashe	Const. E	2.6	10/17/07	R
Plum Creek Wetland-Boggy Branch	Brunswick	CE	89.4	10/17/07	R
Mill Creek	Randolph	CE	47.8	10/24/07	R
Mill Creek	Randolph	CE	76.5	10/24/07	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	1.0	11/2/07	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	12.6	11/2/07	R
Buffalo Creek Preservation	Durham	CE	32.2	11/16/07	R
Wildcat Branch	Lee	CE	40.3	11/16/07	R
Adkin Branch	Lenoir	CE	0.4	11/30/07	R
Meadowbranch Swamp	Robeson	CE	55.4	11/30/07	R
Badin Inn Stream Restoration	Stanly	CE	8.2	12/4/07	R
Jenny's Gut Branch	Perquimans	CE	2.8	12/19/07	R
Morgan Creek	Orange	CE	17.2	12/28/07	R
Logan Creek-Baker	Jackson	CE	20.8	1/2/08	R
Trout Cove Branch	Clay	CE	1.2	1/4/08	R
Trout Cove Branch	Clay	CE	3.0	1/4/08	R
Trout Cove Branch	Clay	CE	4.3	1/4/08	R
Adkin Branch	Lenoir	CE	0.03	1/29/08	R
Bailey Fork of Silver Creek	Burke	CE	1.5	1/29/08	R
Bailey Fork of Silver Creek	Burke	CE	5.7	1/29/08	R
Adkin Branch	Lenoir	CE	0.0	1/29/08	R
South Muddy Creek	McDowell	CE	30.1	2/1/08	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	5.0	2/8/08	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	47.2	2/8/08	R
Brushy Fork Creek	Forsyth	CE	8.7	2/15/08	R
Chapel Creek	Orange	Allocation	5.2	2/19/08	R
Sink Hole Creek	Mitchell	CE	3.4	2/21/08	R



Appendix E i. Cumulative Properties 1997 - 2008					
Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Sink Hole Creek	Mitchell	CE	7.0	2/21/08	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	5.5	3/3/08	R
UT to Haw River	Alamance	CE	39.4	3/10/08	R
UT to Rocky River	Chatham	Const. E	0.14	3/13/08	R
Adkin Branch	Lenoir	CE	0.3	3/24/08	R
Brushy Fork Creek	Forsyth	CE	8.7	3/27/08	R
Ellerbee Creek	Durham	CE	0.06	3/31/08	R
Columbus Swamp	Columbus	CE	40.1	4/1/08	R
Adkin Branch	Lenoir	CE	3.9	4/7/08	R
Ellerbee Creek	Durham	CE	7.5	4/7/08	R
Adkin Branch	Lenoir	CE	0.13	4/18/08	R
Adkin Branch	Lenoir	CE	0.2	4/18/08	R
County Line Stream	Buncombe	CE Modif.	6.6	4/18/08	R
County Line Stream	Henderson	CE	6.6	4/21/08	R
Little Troublesome Creek	Rockingham	Const. E	3.8	4/29/08	R
Bailey Fork of Silver Creek	Burke	CE	2.4	4/30/08	R
North Muddy Creek-EBX	McDowell	CE	10.0	5/21/08	R
North Muddy Creek-EBX	McDowell	CE	12.4	5/21/08	R
North Muddy Creek-EBX	McDowell	CE	11.8	5/29/08	R
Adkin Branch	Lenoir	CE	0.10	6/12/08	R
Adkin Branch	Lenoir	CE	0.12	6/12/08	R
Adkin Branch	Lenoir	Fee	1.1	6/12/08	R
Howard Farm Site	Greene	CE	2.1	6/12/08	R
UT to Bald Creek-Young	Yancey	CE	2.3	6/25/08	R
UT to Bald Creek-Turner	Yancey	CE	3.7	6/25/08	R
UT to Bald Creek-Turner	Yancey	CE	6.7	6/25/08	R

<sup>1</sup>Conservation easement (CE), construction easement (Const. E), fee simple acquisition (Fee), conservation easement modification (CE Modif.), Right-of-way or access agreement (Access).

<sup>2</sup>Restoration or enhancement (R), preservation (P), high quality preservation (HQP)



**E ii. FY 2007-08 Properties Closed**

<b>Project</b>	<b>County</b>	<b>Protection Type<sup>1</sup></b>	<b>Final Acreage</b>	<b>Closed Date</b>	<b>Project Type<sup>2</sup></b>
Basket Creek-Wesleyan Blvd.	Nash	CE	41.5	5/14/97	R
Holloman Wetland	Greene	CE	27.5	10/31/97	R
Buckhead Subdivision	Cumberland	CE	4.6	12/1/98	R
Barra Farms	Cumberland	CE	622.9	3/19/99	R
Carteret-Craven EMC Wetland	Carteret	CE	4.1	11/19/99	R
Payne Dairy	Alexander	CE	40.2	12/30/99	R
Hoffman Forest Preservation Site	Onslow	Fee	100.0	4/6/00	P
Nucor Steel Mill Site	Hertford	Fee	150.3	4/18/00	R
Brush Creek	Alleghany	CE	2.9	5/9/00	R
Brush Creek	Alleghany	CE	7.8	5/9/00	R
Contentnea Creek, Neuse River	Greene	CE	80.0	8/18/00	R
Providence Road	Mecklenburg	CE	8.8	9/27/00	R
Providence Flat Swamp Forest	Mecklenburg	CE	17.9	9/27/00	R
Wilson Bay-Sturgeon City	Onslow	CE	3.1	12/18/00	R
Hobbs Road	Guilford	CE	3.3	3/27/01	R
Hominy Swamp Creek	Wilson	CE	3.9	6/6/01	R
Reed Creek	Buncombe	CE	1.3	6/25/01	R
Smith-Austin Creek	Wake	Fee	3.3	9/8/01	R
Smith-Austin Creek	Wake	Fee	33.4	9/8/01	R
Clear Creek	Henderson	CE	6.4	10/16/01	R
Scott-Lamb Wetland	Pasquotank	Fee	22.6	12/31/01	R
Howell Woods	Johnston	CE	139.9	2/8/02	R
Little Beaver Creek	Wake	CE	40.9	3/15/02	R
Wike Stream	Catawba	CE	12.4	4/19/02	R
Haw River-Bouchard Preservation Site	Rockingham	CE	95.4	5/9/02	P
Mud Creek (Brevard Church Property)	Henderson	CE	14.0	5/15/02	R
Mine Site	Chatham	CE	38.4	5/30/02	P
Moncure Site	Lee	CE	13.5	5/30/02	P
County Line Stream	Buncombe	CE	0.08	6/29/02	R
County Line Stream	Henderson	CE	6.5	6/29/02	R
Murphy Farm	Franklin	CE	4.2	7/1/02	R
Boiling Springs	Brunswick	CE	7.4	8/8/02	R
Maritime Museum	Carteret	CE	0.9	9/30/02	R
Little Beaver Creek	Wake	CE	7.5	10/2/02	R
Little Bugaboo Creek	Wilkes	CE	0.01	12/10/02	R
Little Bugaboo Creek	Wilkes	CE	1.3	12/10/02	R
Louisburg Creek	Franklin	CE	1.9	12/13/02	R
East Group Buffer	Pitt	CE	2.3	12/27/02	R
Cato Stream	Mecklenburg	CE	6.3	1/8/03	R
Louisburg Creek	Franklin	CE	1.1	1/14/03	R
Little Bugaboo Creek	Wilkes	CE	3.8	1/31/03	R
Bushy Branch, (Kentwood Park)	Wake	CE	2.9	2/10/03	R
Chavis Branch, (Chavis Park)	Wake	CE	4.6	2/10/03	R
Little Bugaboo Creek	Wilkes	CE	4.2	2/12/03	R
Little Bugaboo Creek	Wilkes	CE	1.7	3/12/03	R
Carper-Harris Wetland	Pasquotank	CE	67.8	3/14/03	R
Suck Creek	Moore	CE	9.2	3/17/03	R

## E ii. FY 2007-08 Properties Closed

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
UT to South Fork Creek	Alamance	CE	10.2	3/27/03	R
Kiser Stream and Flood Plain	Alamance	CE	15.5	3/27/03	R
Little River Wetland	Moore	CE	125.8	3/28/03	R
Big Warrior Creek	Wilkes	CE	0.5	5/8/03	R
Big Warrior Creek	Wilkes	CE	2.6	5/12/03	R
UT to South Fork Creek	Alamance	CE	16.3	5/16/03	R
Brushy Fork Creek	Forsyth	CE	7.9	6/17/03	R
Knox Property	Mecklenburg	CE	11.9	7/2/03	R
Wells Creek	Alamance	CE	18.1	7/15/03	R
Brushy Fork Creek	Forsyth	CE	9.7	7/17/03	R
Big Warrior Creek	Wilkes	CE	2.0	7/30/03	R
DuPont Forest-Waterfall	Transylvania	Fee	2223.0	8/8/03	R
Big Warrior Creek	Wilkes	CE	9.1	8/13/03	R
Well's Creek	Alamance	CE	2.5	8/15/03	R
Hall Branch	Richmond	CE	6.0	8/22/03	R
Big Warrior Creek	Wilkes	CE	0.8	8/25/03	R
UT to South Fork Creek	Alamance	CE	2.5	9/2/03	R
Big Warrior Creek	Wilkes	CE	2.7	9/2/03	R
Purlear Creek	Wilkes	CE	18.7	10/2/03	R
Haw River-Cone Swamp-Phillips	Guilford	CE	75.8	10/22/03	HQP
Purlear Creek	Wilkes	CE	1.4	11/10/03	R
Four Mile Creek	Mecklenburg	CE	48.4	11/14/03	R
Biltmore Technology Center	Buncombe	CE	11.5	11/24/03	R
Big Warrior/Little Warrior	Wilkes	CE	14.8	12/1/03	R
Silas CreekShaffner Park Property	Forsyth	CE	15.3	12/3/03	R
Lost Bridge	Macon	Fee	140.0	12/9/03	HQP
Mingo Tract	Caldwell	Fee	5648.0	12/12/03	HQP
Eno River-Poplar Ridge (Bunting)	Orange	Fee	134.5	12/16/03	HQP
Haw River-Duke Forest	Chatham	Fee	893.0	12/19/03	HQP
Eno River Wilderness	Orange	Fee	814.9	12/31/03	HQP
Big Warrior Creek	Wilkes	CE	2.5	1/5/04	R
Rankin Tract	Gaston	CE	506.1	1/5/04	HQP
Snow Creek	Stokes	CE	0.2	1/7/04	R
Snow Creek	Stokes	CE	1.6	1/7/04	R
Snow Creek	Stokes	CE	3.9	1/7/04	R
Snow Creek	Stokes	CE	7.3	1/7/04	R
Needmore Tract	Swain	Fee	4467.0	1/15/04	HQP
Horse Creek	Wake	CE	8.0	1/21/04	R
Len's Knob & Little Mountain	Surry	Fee	2151.9	1/23/04	HQP
Snow Creek	Stokes	CE	1.9	2/17/04	R
North Buffalo Creek, Brown Bark Park	Guilford	CE	8.9	2/23/04	R
South Buffalo Creek, Hillsdale Park	Guilford	CE	16.7	2/23/04	R
South Buffalo Creek, Benbow Park	Guilford	CE	4.3	2/26/04	R
Mile Run Creek, Gillespie Park	Guilford	CE	16.1	2/26/04	R
Cane Creek	Alamance	CE	3.3	3/16/04	R
Cane Creek	Alamance	CE	3.7	3/16/04	R
Mary's Creek	Alamance	CE	6.8	3/17/04	R

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<b>Project</b>	<b>County</b>	<b>Protection Type<sup>1</sup></b>	<b>Final Acreage</b>	<b>Closed Date</b>	<b>Project Type<sup>2</sup></b>
Allen Tract	Franklin	CE	146.8	3/18/04	HQP
Moccasin Creek	Wake	Fee	82.5	5/5/04	HQP
Drowning Creek	Moore	CE	786.0	5/20/04	HQP
Snow Creek	Stokes	CE	0.5	5/26/04	R
Snow Creek	Stokes	CE	0.6	5/26/04	R
Little Table Rock	Mitchell	CE	544.3	6/11/04	HQP
Newton Tract-White Pines	Chatham	CE	16.3	6/23/04	HQP
Davis Tract-Yadkin River	Davie	CE	75.5	7/19/04	HQP
Cross Creek	Cumberland	CE	0.05	7/21/04	R
Cross Creek	Cumberland	CE	0.5	7/21/04	R
Cross Creek	Cumberland	CE	4.1	7/21/04	R
Cross Creek	Cumberland	CE	0.04	7/30/04	R
New River Heights Tract-New River	Ashe	Fee	109.9	8/27/04	HQP
Little River	Perquimans	Fee	48.1	9/14/04	R
Lone Mountain-Phase One and Two	Rutherford	Fee	1245.2	9/27/04	HQP
Adams Landing	Pasquotank	CE	23.1	10/5/04	R
Panther Creek-Cary Park	Wake	CE	7.9	10/13/04	R
Cashie River-IP-Thunderbolt-Baltimore	Bertie	CE	748.8	10/28/04	HQP
Pickler's Bluff	Rowan	CE	10.5	12/15/04	HQP
Hog Branch Ponds	Brunswick	Fee	516.7	12/17/04	R
Great Coharie-TNC	Sampson	Fee	4858.0	12/17/04	HQP
Shartree Subdivision	Franklin	CE	35.6	12/20/04	R
Langley Site-Cypress Creek	Franklin	CE	40.4	12/23/04	HQP
Sandymush-Progress Energy	Buncombe	Fee	2655.0	12/28/04	HQP
William O'Neal Tract-Swift Creek	Franklin	CE	18.5	12/29/04	HQP
Harper Tract-Swift Creek	Franklin	CE	27.6	12/29/04	HQP
Guthrie Tract-Shelton Creek	Granville	CE	110.5	12/29/04	HQP
TESC-Mark's Creek	Wake	Fee	31.5	1/4/05	HQP
Billy's Creek	Franklin	CE	5.0	1/7/05	R
Beaver Dam-Drowning Creek I (Rankin Tract)	Moore	CE	915.2	1/7/05	HQP
Wallace Deer Club (Blanchard Tract)	Pender	CE	1239.0	1/20/05	HQP
Coddle Creek	Cabbarus	Fee	7.9	1/26/05	R
Linville River-White Creek	Burke	Fee	1425.3	1/27/05	HQP
Stevens Tract-Eno River	Durham	Fee	70.7	2/1/05	HQP
RFP-Contentnea Buffer Phase II	Greene	CE	50.1	2/4/05	R
Hillcrest Bay	Hoke	CE	46.7	2/11/05	HQP
McGowan Creek	Orange	CE	30.8	2/22/05	R
Kings Creek	Transylvania	CE	6.1	3/10/05	R
Wimberley Tract-Nat's Creek	Moore	CE	34.1	3/21/05	HQP
Lester Capps Tract-Shocco Creek	Franklin	CE	19.4	3/28/05	HQP
Lynn Capps Tract-Fishing Creek	Warren	CE	36.8	3/28/05	HQP
Troublesome Creek	Rockingham	CE	52.7	4/8/05	R
Pickard Farms Stream	Alamance	CE	14.6	4/13/05	R
Pickard Farms Stream	Alamance	CE	18.2	4/13/05	R
Pickard Farms Stream	Alamance	CE	18.3	4/13/05	R
Bishop Tract-Canal Branch	Anson	CE	78.9	4/13/05	HQP
Elk-Shoals-Methodist Camp	Ashe	CE	95.9	4/15/05	HQP

## E ii. FY 2007-08 Properties Closed

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Wallace Deer Club (Swinson Tract)	Pender	CE	109.9	4/19/05	HQP
Old Cove Tract-Green River-Burdett Property	Polk	CE	24.0	4/21/05	HQP
Lewis Tract, Little River	Randolph	CE	43.6	4/29/05	HQP
Shocco Creek LLC-Little Shocco Creek	Franklin	CE	40.4	5/3/05	HQP
Swift Creek Wetlands	Wake	CE	41.7	5/3/05	HQP
Eno River-Cabe's Ford-Scarlett Tract	Orange	Fee	11.0	5/19/05	HQP
Eno River-Cabe's Ford-McFayden Tract	Orange	Fee	26.9	5/21/05	HQP
Tucker-Daniel 2 Tract-Shelton Creek	Granville	CE	3.4	5/24/05	HQP
Peterson Tract-Shelton Creek	Granville	CE	40.6	5/24/05	HQP
O'Neal Tract-Little Shocco Creek	Franklin	CE	26.0	5/31/05	HQP
Whitelace Creek	Lenoir	CE	35.8	5/31/05	R
Lambert Tract-Uwharrie River Bluff	Montgomery	CE	18.3	6/9/05	HQP
Seagate Woods	Carteret	CE	123.0	6/10/05	P
Four Mile Creek-Coffey Creek	Mecklenburg	CE	0.8	6/16/05	R
Norwood Gainey Wetland	Wayne	Fee	58.4	6/16/05	R
Flat River-Horton Grove	Durham	CE	307.3	6/17/05	HQP
Sturges Tract-Fishing Creek	Franklin/Nash	CE	13.5	6/21/05	HQP
Roanoke River-IP-Blue Sky Timber Tract 42-15	Halifax	CE	263.8	6/27/05	HQP
Roanoke River-IP-Blue Sky Timber Tract 42-14	Halifax	CE	319.7	6/27/05	HQP
West Haven Apartment Stream	Wayne	CE	2.2	7/10/05	R
McDonald's Pond	Richmond	CE	127.9	7/14/05	R
New Light Creek	Wake	Fee	34.9	8/1/05	R
Haw River-Bouchard Tract	Rockingham	CE	30.9	8/4/05	P
Great Dismal Swamp Restoration Bank	Tyrrell	CE	455.0	8/17/05	R
Brogden Road Buffer Site	Johnston	CE	15.0	8/24/05	R
Grogan Tract-Mayo River	Rockingham	Fee	81.3	8/25/05	HQP
West Haven Apartment Stream	Wayne	CE	2.5	8/31/05	R
Green Tract-Fishing Creek	Warren	CE	15.6	9/13/05	HQP
Whitley Site	Johnston	CE	27.5	9/13/05	R
River's Edge	Perquimans	CE	1.6	9/15/05	R
Averett Tract-Tar River	Granville	CE	11.4	9/20/05	HQP
Indian Run-Coddle Creek	Cabbarus	CE	1.1	9/21/05	R
Big Bull Buffer Site	Johnston	CE	36.8	9/21/05	R
UT Buffalo Shoals Creek-Gray Farm	Iredell	CE	21.5	9/22/05	R
Edwards Tract-Fishing Creek	Nash	CE	87.3	9/23/05	HQP
Gaitlin Swamp	Martin	CE	150.5	9/23/05	R
A&P Timber Tract-Sandy Creek	Franklin	CE	18.5	9/28/05	HQP
Smitherman Tract-Tar River	Granville	CE	20.3	9/28/05	HQP
Faulkner Tract-Sandy Creek	Franklin	CE	20.3	9/28/05	HQP
D. Davis Tract-Shocco Creek	Warren	CE	12.1	10/7/05	HQP
MacNair Tract (Turpentine, LLC)-Aycock Creek	Granville	CE	211.1	10/7/05	HQP
Charles Creek	Pasquotank	CE	2.0	10/10/05	R
Beaverdam Creek	Mecklenburg	CE	0.2	10/12/05	R
Beaverdam Creek	Mecklenburg	CE	2.5	10/12/05	R
Crowther North-South Yadkin River	Rowan	CE	39.1	10/14/05	HQP
Baker Tract, Little River	Randolph	CE	10.1	10/17/05	HQP
Dutch Second Creek-Hill Tract	Rowan	CE	17.0	10/18/05	HQP

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Ellerbee Creek	Durham	CE	17.4	10/20/05	R
Moccasin Creek, Kornegay Farms	Johnston	CE	20.5	10/21/05	R
Childers Tract North Pacolet	Polk	Fee	39.9	10/25/05	HQP
Contentnea Creek, Stokes Farm	Greene	CE	55.7	10/28/05	R
Reeds Creek	Iredell	CE	14.7	10/31/05	R
Reeds Creek	Cumberland	CE	18.2	11/1/05	R
Mackovic Tract-Countyline Creek-Prodev LLC	Caswell	Fee	90.1	11/3/05	HQP
Conetoe Creek Buffer Site	Pitt	CE	10.0	11/9/05	R
Reeds Creek	Iredell	CE	23.7	11/9/05	R
Walbourn Tract, Little River	Randolph	CE	38.0	11/23/05	HQP
Tobey Tract-Melrose Mountain	Polk	Fee	318.4	11/23/05	HQP
Coddle Creek	Cabbarus	CE	3.7	11/28/05	R
Coddle Creek	Cabbarus	CE	6.4	11/28/05	R
Tomlinson Tract-Little Shocco Creek	Franklin	CE	78.0	11/28/05	HQP
Alston Tracts 1, 2 & 3-Shocco Creek	Franklin	CE	359.6	12/1/05	HQP
Cane Creek	Alamance	CE	22.6	12/5/05	R
Terrible Creek	Wake	Fee	48.0	12/7/05	R
Harrell Stream and Wetland	Edgecombe	CE	44.6	12/9/05	R
IP/Alston Tract-Fishing Creek	Warren	CE	179.4	12/9/05	HQP
Beaverdam Creek	Mecklenburg	CE	43.9	12/13/05	R
Bruchon Tract-Roan Massif	Mitchell	Fee	145.7	12/20/05	HQP
McIntyre Creek	Mecklenburg	CE	0.11	12/21/05	R
Camp Chestnut Ridge-Sevenmile Creek	Orange	CE	59.7	12/22/05	HQP
Nahunta Swamp	Wayne	CE	56.3	12/22/05	R
Winslow Tract-North Fork Upper Tar River	Granville	CE	36.9	12/28/05	HQP
Wheless Tract-Little Shocco Creek	Franklin	CE	14.6	12/29/05	HQP
Hodges Tract-Tar River	Franklin	CE	41.7	12/29/05	HQP
Bessemer Tract-Hyco Lake	Caswell	CE	167.0	12/29/05	HQP
Tucker-Daniel 1 Tract-Shelton Creek	Granville	CE	18.1	1/4/06	HQP
Cooper Swamp-Modlin Site	Martin	CE	41.2	1/20/06	R
Brushy Fork Creek	Forsyth	CE	0.4	1/24/06	R
Manning Farm Site	Edgecombe	CE	10.0	1/26/06	R
Middle Swamp Creek	Pitt	Fee	10.6	1/26/06	R
Freedom Park-Little Sugar Creek	Mecklenburg	CE	13.1	1/26/06	R
New Hope Creek-Brown Farm	Orange	CE	46.1	1/26/06	R
Tarleton-Country Club Hills-Reeds Creek	Cumberland	CE	17.8	1/27/06	R
Howard Farm Site	Greene	CE	26.8	2/1/06	R
Daniels & Daniels Farms	Franklin	CE	33.8	2/6/06	R
Beaverdam Creek	Mecklenburg	CE	0.6	2/7/06	R
Beaverdam Creek	Mecklenburg	CE	1.5	2/8/06	R
M. Speed Tract-Little Shocco Creek	Warren	CE	44.6	2/10/06	HQP
Sandy Creek	Durham	CE	10.4	2/14/06	R
Beaverdam Creek	Mecklenburg	CE	2.5	2/16/06	R
Beaverdam Creek	Mecklenburg	CE	15.9	2/17/06	R
McIntyre Creek	Mecklenburg	CE	0.7	2/24/06	R
Double Thumb Road-Bost Tract	Rowan	Fee	3.7	2/28/06	R
Double Thumb Road-Madden Tract	Rowan	Fee	6.7	2/28/06	R

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Wickliff Tract-Dutch Buffalo Creek	Cabarrus	CE	2.7	3/3/06	HQP
East Tarboro Canal	Edgecombe	CE	3.1	3/3/06	R
Walker Tract-Dutch Buffalo Creek	Cabarrus	CE	33.7	3/3/06	HQP
Parker Tract, Little River	Randolph	CE	34.0	3/3/06	HQP
East Tarboro Canal Phase 1	Edgecombe	CE	0.8	3/6/06	R
East Tarboro Canal	Edgecomb	CE	8.9	3/6/06	R
Black Gum Creek	Robeson	CE	146.5	3/17/06	R
East Tarboro Canal	Edgecomb	CE	5.8	3/22/06	R
Glen Raven Wetland, KCI Full Delivery	Alamance	CE	9.5	3/27/06	R
Conoconnara Site	Halifax	CE	186.6	4/6/06	R
McIntyre Creek	Mecklenburg	Const. E	n/a	4/28/06	R
Betty Crews Tract-Tar River	Granville	CE	31.6	5/3/06	HQP
Coddle Creek	Cabbarus	CE	1.4	5/19/06	R
Hall Tract-Fishing Creek	Edgecombe	CE	231.4	5/19/06	HQP
Whatley Tract-Uwharrie River	Randolph	CE	24.8	5/23/06	HQP
Parrish Tract-Sandy Creek	Franklin	CE	33.4	5/30/06	HQP
Crews Farm-Roy Crews Tract-Tar River	Granville	CE	10.1	5/31/06	HQP
Mayo River Hickory Creek Robertson	Rockingham	CE	166.3	5/31/06	HQP
Ward Tract-Green River	Polk	CE	15.4	6/2/06	HQP
Third Fork Creek	Durham	CE	8.9	6/6/06	R
Wells Tract, Cape Fear River	Pender	Fee	99.8	6/6/06	HQP
Thorp Tracts-Shelton Creek	Granville	CE	52.2	6/7/06	HQP
Morton Tracts-Shelton Creek	Granville	CE	5.9	6/9/06	HQP
Pitts Tracts-Tar River	Granville	CE	27.3	6/9/06	HQP
Sherman Tract No. 1-Tar River	Granville	CE	16.0	6/19/06	HQP
Sherman Tract 2-Tar River	Granville	CE	28.1	6/19/06	HQP
Penny Tract-New Hope Creek	Orange	CE	20.1	6/22/06	HQP
Grissom Tract-Barnes Creek	Montgomery	CE	55.9	6/30/06	HQP
Collins Creek	Orange	CE	27.9	7/12/06	R
Little Buffalo	Johnston	CE	19.5	7/14/06	R
Branson Creek	Cumberland	CE	3.0	7/18/06	R
Dean Tract-Tar River	Granville	CE	63.5	7/18/06	HQP
Shearin Tract-Fishing Creek	Warren	CE	70.1	7/18/06	HQP
Slaughter Tract-Shelton Creek	Granville	CE	35.3	7/24/06	HQP
Rose Bay Creek-Mason Site	Hyde	CE	36.1	7/24/06	R
Cane Creek	Person	CE	52.1	7/27/06	R
Perry Tract-Cedar Creek	Franklin	CE	162.4	7/27/06	HQP
Seven Springs Farm-Silver Creek	Burke	CE	5.1	8/2/06	R
Seven Springs Farm-Silver Creek	Burke	CE	6.8	8/2/06	R
UT Uwharrie	Randolph	CE	32.8	8/3/06	R
Little Troublesome Creek	Rockingham	CE	10.2	8/4/06	R
Little Troublesome Creek	Rockingham	CE	20.0	8/4/06	R
Buckhorn Creek-Lloyd Tract	Onslow	CE	24.3	8/7/06	R
Gardner Tract-Big Pond Bay	Cumberland	Fee	31.0	8/9/06	HQP
UT Pembroke Creek	Chowan	CE	59.4	8/17/06	R
UT Hardison Mill Creek	Beaufort	CE	75.0	8/17/06	R
Johnston Tract-Reedy Creek	Warren	CE	64.6	8/30/06	HQP



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McIntyre Creek	Mecklenburg	CE	15.9	8/31/06	R
Beaver Dam-Drowning Creek Phase II	Moore	CE	59.2	8/31/06	
Eno River-Penny Tract	Durham	Fee	114.7	8/31/06	HQP
Sharpe Riverine Wetland Preservation	Rockingham	Fee	17.1	9/13/06	P
Naked Creek	Wilkes	CE	1.0	9/21/06	R
Blounts Creek-CH2MHill	Cumberland	CE	2.6	9/21/06	R
Blounts Creek-CH2MHill	Cumberland	CE	7.9	9/21/06	R
Naked Creek	Wilkes	CE	4.0	9/22/06	R
Oakley Tract-Tar River	Granville	CE	13.3	10/4/06	HQP
Dye Branch	Iredell	CE	0.03	10/5/06	R
Blounts Creek-CH2MHill	Cumberland	CE	2.9	10/5/06	R
Dye Branch	Iredell	CE	0.03	10/6/06	R
Dye Branch	Iredell	CE	0.03	10/6/06	R
Dye Branch	Iredell	CE	0.05	10/6/06	R
Dye Branch	Iredell	CE	0.05	10/6/06	R
Dye Branch	Iredell	CE	0.05	10/6/06	R
Dye Branch	Iredell	CE	0.06	10/6/06	R
Harrell Tract-Chowan River	Chowan	CE	111.0	10/9/06	HQP
Dye Branch	Iredell	CE	0.06	10/10/06	R
Dye Branch	Iredell	CE	0.06	10/11/06	R
Capps Forestry Enterprises-Fishing Creek	Warren	CE	23.5	10/11/06	HQP
Dye Branch	Iredell	CE	0.04	10/12/06	R
Dye Branch	Iredell	CE	0.04	10/13/06	R
Hunting Creek	Iredell	CE	10.1	10/16/06	R
McIntyre Creek	Mecklenburg	CE	0.3	10/18/06	R
Gupton Tract-Shocco Creek	Franklin	Fee	179.9	10/25/06	HQP
Bingham Tract-Uwharrie River	Montgomery	CE	562.2	10/26/06	HQP
Capps Farms Inc.-Fishing Creek	Warren	CE	39.6	10/31/06	HQP
Boyer Tract-Green River	Polk	CE	31.4	11/6/06	HQP
Blounts Creek-CH2MHill	Cumberland	CE	4.2	11/7/06	R
Brushy Fork Creek	Forsyth	CE	0.4	11/16/06	R
Walnut Creek	Wayne	CE	27.3	11/16/06	R
Jarmans Oak, Restoration Systems	Onslow	CE	10.8	11/17/06	R
Blounts Creek-CH2MHill	Cumberland	CE	10.1	11/27/06	R
McKean Tract-Deep Creek-Sandy Creek	Moore	CE	95.4	11/27/06	HQP
UT to Reedy Fork Creek	Guilford	CE	2.1	11/28/06	R
Morgan Creek	Haywood	CE	10.2	12/1/06	R
Wolf Pond Tract-EBX	Union	CE	13.2	12/1/06	R
Little White Oak Creek	Polk	CE	56.0	12/12/06	R
Harris Tract-Tar River	Granville	CE	38.8	12/13/06	HQP
Dula Thoroughfare	Anson	CE	3.6	12/14/06	R
Pories Tract-Tar River	Pitt	CE	37.5	12/14/06	HQP
Quioccosin Swamp, Albemarle Restoration	Bertie	CE	90.0	1/2/07	R
Dye Branch	Iredell	CE	0.08	1/10/07	R
Greenbriar Creek	Chatham	CE	17.0	1/10/07	R
Brown Marsh Swamp-Restoration Sys.	Robeson	CE	20.3	1/17/07	R
Jarmans Oak, Restoration Systems	Onslow	CE	6.0	1/18/07	R

**E ii. FY 2007-08 Properties Closed**

<b>Project</b>	<b>County</b>	<b>Protection Type<sup>1</sup></b>	<b>Final Acreage</b>	<b>Closed Date</b>	<b>Project Type<sup>2</sup></b>
Jarmans Oak, Restoration Systems	Onslow	CE	29.5	1/18/07	R
Brushy Fork Creek	Forsyth	CE	1.7	1/22/07	R
McDonald Tract-Hitchcock Creek	Richmond	CE	39.6	1/22/07	HQP
Goose Creek	Durham	CE	1.6	1/23/07	R
Cutawhiskie Creek	Hertford	CE	22.9	1/31/07	R
Ellington Branch	Warren	CE	14.5	2/15/07	R
Branson Creek	Cumberland	CE	0.2	2/16/07	R
Mullen Tract-Sandy Creek	Franklin	CE	28.6	2/23/07	HQP
Beaverdam Site-EBX	Harnett	CE	13.4	2/27/07	R
Cochran Tract-Little River	Montgomery	CE	18.6	2/27/07	HQP
Luthi Tract-Skyuka Creek	Polk	CE	19.7	2/27/07	HQP
Beaverdam Site-EBX	Harnett	CE	22.0	2/27/07	R
Big Cedar Creek	Stanly	CE	40.7	2/27/07	R
Dye Branch	Iredell	CE	0.04	3/2/07	R
Clark Mill Creek-Albemarle Restoration	Hyde	CE	25.0	3/12/07	R
Brushy Fork Creek	Forsyth	CE	2.5	3/15/07	R
Great Dismal Swamp Restoration Bank	Tyrrell	CE	12.7	3/19/07	R
Dog Bite Creek, KCI	Mitchell	CE	6.9	3/28/07	R
UT Crab Creek	Alleghany	CE	14.3	4/2/07	R
Duke Swamp	Gates	CE	25.4	4/2/07	R
Holly Grove Farm-Restoration Systems	Guilford	CE	61.5	4/3/07	R
Young Tract-Sandy Creek	Franklin	CE	71.7	4/24/07	HQP
Branson Creek	Cumberland	Const. E	0.03	5/3/07	R
Branson Creek	Cumberland	CE	0.09	5/3/07	R
Branson Creek	Cumberland	CE	0.2	5/3/07	R
Branson Creek	Cumberland	CE	0.3	5/3/07	R
Branson Creek	Cumberland	CE	0.4	5/3/07	R
Branson Creek	Cumberland	CE	0.4	5/3/07	R
Branson Creek	Cumberland	CE	0.6	5/3/07	R
Branson Creek	Cumberland	CE	3.3	5/3/07	R
Pinch Gut Creek	Stokes	CE	2.8	5/23/07	R
Pinch Gut Creek	Stokes	CE	29.0	5/23/07	R
Adkin Branch	Lenoir	Const. E	0.12	5/25/07	R
Paschal Tract-Glendon Slate Creek	Moore	CE	14.9	5/25/07	HQP
M. Paschal Tract-Deep River	Moore	CE	74.9	5/25/07	HQP
Rocky River-Stricker Branch	Cabbarus	CE	1.4	6/4/07	R
Rocky River-Stricker Branch	Cabbarus	CE	1.6	6/4/07	R
Rocky River-Stricker Branch	Cabbarus	CE	4.7	6/4/07	R
North Muddy Creek	McDowell	CE	2.2	6/5/07	R
North Muddy Creek	McDowell	CE	4.3	6/5/07	R
North Muddy Creek	McDowell	CE	5.7	6/5/07	R
Greenbriar Creek	Alamance	CE	0.5	6/13/07	R
Jordan Tract-Deep River (Singleton Tract)	Moore	CE	11.5	6/14/07	HQP
Steele Tract-Mill Creek	Surry	CE	14.9	6/14/07	HQP
Cochran Tract-Uwharrie River	Montgomery	CE	15.4	6/14/07	HQP
Fisher River-Fisher Peak	Surry	CE	151.2	6/14/07	HQP
Jordan Tract-Deep River (Paschal Tract)	Moore	CE	156.2	6/14/07	HQP

**E ii. FY 2007-08 Properties Closed**

<b>Project</b>	<b>County</b>	<b>Protection Type<sup>1</sup></b>	<b>Final Acreage</b>	<b>Closed Date</b>	<b>Project Type<sup>2</sup></b>
Orange County-Trinity School-New Hope Creek	Orange	CE	26.5	6/15/07	HQP
Farrar Dairy Farm-KCI	Harnett	CE	13.0	7/17/07	R
Farrar Dairy Farm-KCI	Harnett	CE	54.1	7/17/07	R
Farrar Dairy Farm-KCI	Harnett	CE	99.9	7/17/07	R
Richland Creek	Wake	CE	7.6	7/24/07	R
Glade Creek	Alleghany	CE	14.3	7/27/07	R
Lower Creek	Caldwell	CE	2.6	8/20/07	R
Cane Creek-Restoration Systems	Rutherford	CE	0.9	8/22/07	R
Cane Creek-Restoration Systems	Rutherford	CE	3.0	8/22/07	R
Cane Creek-Restoration Systems	Rutherford	CE	19.2	8/22/07	R
Cane Creek-Restoration Systems	Rutherford	CE	20.0	8/22/07	R
Davis Branch-Wetlands Resource	Union	CE	2.4	8/24/07	R
Davis Branch-Wetlands Resource	Union	CE	11.0	8/24/07	R
Beaverdam Creek-Wetlands Resource	Union	CE	7.8	8/24/07	R
Jenny's Gut-Edward Nixon Tract	Perquimans	CE	1.0	8/28/07	R
Hall Branch	Richmond	Access	0.6	9/2/07	R
Bear Creek	Chatham	CE	32.0	9/4/07	R
Jenny's Gut-William P. Nixon Tract	Perquimans	CE	5.8	9/5/07	R
Cane Creek-Restoration Systems	Rutherford	CE	0.5	9/6/07	R
Blockhouse Creek	Polk	CE	13.2	9/7/07	R
Puzzle Creek-Baker Engineering	Rutherford	CE	2.3	9/11/07	R
Puzzle Creek-Baker Engineering	Rutherford	CE	9.1	9/11/07	R
Branson Creek	Cumberland	CE	0.07	9/17/07	R
UT Jumping Run Creek	Cumberland	CE	225.3	9/19/07	R
Morgan Creek	McDowell	CE	36.5	10/4/07	R
Salmon Creek-Nichols Farm	Bertie	Fee	72.8	10/10/07	R
Hall Branch	Richmond	CE	4.5	10/12/07	R
Irwin Creek, Whitehurst Road	Mecklenburg	CE	5.7	10/15/07	R
Ripshin Branch	Ashe	Const. E	2.6	10/17/07	R
Plum Creek Wetland-Boggy Branch	Brunswick	CE	89.4	10/17/07	R
Mill Creek	Randolph	CE	47.8	10/24/07	R
Mill Creek	Randolph	CE	76.5	10/24/07	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	1.0	11/2/07	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	12.6	11/2/07	R
Buffalo Creek Preservation	Durham	CE	32.2	11/16/07	R
Wildcat Branch	Lee	CE	40.3	11/16/07	R
Adkin Branch	Lenoir	CE	0.4	11/30/07	R
Meadowbranch Swamp	Robeson	CE	55.4	11/30/07	R
Badin Inn Stream Restoration	Stanly	CE	8.2	12/4/07	R
Jenny's Gut Branch	Perquimans	CE	2.8	12/19/07	R
Morgan Creek	Orange	CE	17.2	12/28/07	R
Logan Creek-Baker	Jackson	CE	20.8	1/2/08	R
Trout Cove Branch	Clay	CE	1.2	1/4/08	R
Trout Cove Branch	Clay	CE	3.0	1/4/08	R
Trout Cove Branch	Clay	CE	4.3	1/4/08	R
Adkin Branch	Lenoir	CE	0.03	1/29/08	R
Bailey Fork of Silver Creek	Burke	CE	1.5	1/29/08	R

## E ii. FY 2007-08 Properties Closed

Project	County	Protection Type <sup>1</sup>	Final Acreage	Closed Date	Project Type <sup>2</sup>
Bailey Fork of Silver Creek	Burke	CE	5.7	1/29/08	R
Adkin Branch	Lenoir	CE	0.0	1/29/08	R
South Muddy Creek	McDowell	CE	30.1	2/1/08	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	5.0	2/8/08	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	47.2	2/8/08	R
Brushy Fork Creek	Forsyth	CE	8.7	2/15/08	R
Chapel Creek	Orange	Allocation	5.2	2/19/08	R
Sink Hole Creek	Mitchell	CE	3.4	2/21/08	R
Sink Hole Creek	Mitchell	CE	7.0	2/21/08	R
Floogie Project-Flat Swamp-EBX	Bertie	CE	5.5	3/3/08	R
UT to Haw River	Alamance	CE	39.4	3/10/08	R
UT to Rocky River	Chatham	Const. E	0.14	3/13/08	R
Adkin Branch	Lenoir	CE	0.3	3/24/08	R
Brushy Fork Creek	Forsyth	CE	8.7	3/27/08	R
Ellerbe Creek	Durham	CE	0.06	3/31/08	R
Columbus Swamp	Columbus	CE	40.1	4/1/08	R
Adkin Branch	Lenoir	CE	3.9	4/7/08	R
Ellerbe Creek	Durham	CE	7.5	4/7/08	R
Adkin Branch	Lenoir	CE	0.13	4/18/08	R
Adkin Branch	Lenoir	CE	0.2	4/18/08	R
County Line Stream	Buncombe	CE Modif.	6.6	4/18/08	R
County Line Stream	Henderson	CE	6.6	4/21/08	R
Little Troublesome Creek	Rockingham	Const. E	3.8	4/29/08	R
Bailey Fork of Silver Creek	Burke	CE	2.4	4/30/08	R
North Muddy Creek-EBX	McDowell	CE	10.0	5/21/08	R
North Muddy Creek-EBX	McDowell	CE	12.4	5/21/08	R
North Muddy Creek-EBX	McDowell	CE	11.8	5/29/08	R
Adkin Branch	Lenoir	CE	0.10	6/12/08	R
Adkin Branch	Lenoir	CE	0.12	6/12/08	R
Adkin Branch	Lenoir	Fee	1.1	6/12/08	R
Howard Farm Site	Greene	CE	2.1	6/12/08	R
UT to Bald Creek-Young	Yancey	CE	2.3	6/25/08	R
UT to Bald Creek-Turner	Yancey	CE	3.7	6/25/08	R
UT to Bald Creek-Turner	Yancey	CE	6.7	6/25/08	R

<sup>1</sup>Conservation easement (CE), construction easement (Const. E), fee simple acquisition (Fee), conservation easement modification (CE Modif.), Right-of-way or access agreement (Access).

<sup>2</sup>Restoration or enhancement (R), preservation (P), high quality preservation (HQP)

**E iii. FY 2007-08 Properties Optioned**

<b>Project Name</b>	<b>Protection Type<sup>1</sup></b>	<b>County</b>	<b>Option signed</b>	<b>Project Type<sup>2</sup></b>
UT to Zack's Fork Creek	CE	Caldwell	11/14/2007	R
Big Harris Creek II	CE	Cleveland	11/16/2007	R
Big Harris Creek II	CE	Cleveland	11/19/2007	R
Big Harris Creek II	CE	Cleveland	11/19/2007	R
Big Harris Creek II	CE	Cleveland	11/19/2007	R
Big Harris Creek II	CE	Cleveland	2/1/2008	R
Big Harris Creek II	CE	Cleveland	3/15/2008	R
Upper South Hominy Creek	CE	Buncombe	7/5/2007	R
Upper South Hominy Creek	CE	Buncombe	7/17/2007	R
Upper South Hominy Creek	CE	Buncombe	7/17/2007	R
Ripshin Branch-Tate Farm	CE	Ashe	7/30/2007	R
Little Pine Creek II	CE	Alleghany	8/29/2007	R
Upper South Hominy Creek	CE	Buncombe	11/8/2007	R
Ripshin Branch	CE	Ashe	3/14/2008	R
Newfound Creek	CE	Buncombe	6/25/2008	R
Upper South Hominy Creek	CE	Buncombe	6/25/2008	R
Lower Creek	CE	Caldwell	6/27/2008	R
Jones Branch	CE	Chatham	7/6/2007	R
Jones Branch	CE	Chatham	8/9/2007	R
Jones Branch	CE	Chatham	8/9/2007	R
UT to Haw River	CE	Alamance	10/8/2007	R
UT to Haw River	CE	Alamance	1/10/2008	R
Martin's Creek II	CE	Cherokee	12/13/2007	R
Neighbors Branch/Walton Crawley Branch	CE	McDowell	5/29/2008	R
UT To Martin's Creek	CE	Cherokee	3/2/0/2008	R
Wells Creek Number 2	CE	Alamance	5/12/2008	R
UT Rocky River	CE	Cabarrus	8/23/2007	R
UT to Little River-Claridge	CE	Wayne	10/19/2007	R
UT to Little River-Claridge	CE	Wayne	10/22/2007	R
The Big Ditch	CE	Wayne	1/31/2008	R
UT to Little River-Claridge	CE	Wayne	2/6/2008	R
UT to Uwharrie Number 2	CE	Randolph	2/26/2008	R
Adkin Branch	CE	Lenoir	7/26/2007	R
Adkin Branch	Const. E	Lenoir	7/31/2007	R

<sup>1</sup>Conservation easemtn (CE), construction easement (Const. E), fee simple acquisition (Fee)

<sup>2</sup>No additional High Quality Preservation sites were acquired. All projects are restoration or enhancement.

## F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
ABC (G)	Tar-Pamlico	03020104	Beaufort	2,375.0	138.4	10.9	Design-Bid-Build	Long Term Mgmt.
Abbott	Neuse	03020201	Wake	584.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Back Creek	Yadkin	03040105	Mecklenburg	4,146.0	3.8	0.0	Design-Bid-Build	Monitoring Year 3
Bailey Fork (EBX)	Catawba	03050101	Burke	15,782.0	17.1	12.6	Full Delivery	Monitoring Year 3
Bailey Fork (WRC)	Catawba	03050101	Burke	5,500.0	0.0	9.5	Full Delivery	Monitoring Year 2
Ballance Farm	Pasquotank	03010205	Currituck	0.0	332.6	0.0	Design-Bid-Build	Long Term Mgmt.
Barra Farms I	Cape Fear	03030005	Cumberland	0.0	160.5	0.0	Full Delivery	Monitoring Year 1
Bear Creek	Neuse	03020202	Lenoir	0.0	422.0	0.0	Full Delivery	Monitoring Year 5
Bear Swamp Creek	Tar-Pamlico	03020101	Franklin	1,460.0	0.0	2.4	Design-Bid-Build	Monitoring Close Out
Beaver Creek	Yadkin	03040101	Surry	4,266.0	0.0	9.4	Design-Bid-Build	Monitoring Year 1
Benbow Park	Cape Fear	03030002	Guilford	1,902.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Benson Grove	Neuse	03020201	Johnston	0.0	81.9	0.0	Design-Bid-Build	Long Term Mgmt.
Bethel Church	Yadkin	03040101	Yadkin	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Billy's Creek (G)	Tar-Pamlico	03020101	Franklin	2,101.0	0.0	2.6	Design-Bid-Build	Monitoring Year 3
Bogue Sound	White Oak	03020106	Carteret	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Briles	Yadkin	03040103	Randolph	2,628.0	1.0	0.0	Design-Bid-Build	Monitoring Year 1
Brown Bark Park	Cape Fear	03030002	Guilford	2,834.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Brown Branch	Catawba	03050101	Caldwell	5,227.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Brush Creek	New	05050001	Alleghany	3,590.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Bugaboo Creek	Yadkin	03040101	Wilkes	6,230.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Bull Farm	Cape Fear	03030006	Sampson	0.0	2.2	0.0	Design-Bid-Build	Monitoring Year 1
Dula Thoroughfare	Yadkin	03040105	Anson	9,821.0	10.4	0.0	Design-Bid-Build	Monitoring Year 1
Camp Lejeune USMC	White Oak	03030001	Onslow	0.0	3.5	0.0	Design-Bid-Build	Long Term Mgmt.
Marys Creek	Cape Fear	03030002	Alamance	2,277.0	0.0	6.9	Design-Bid-Build	Monitoring Year 3
Casey Tract	Pasquotank	03010205	Currituck	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Cato	Yadkin	03040105	Mecklenburg	2,295.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Caviness	Cape Fear	03030003	Randolph	3,065.0	0.0	11.0	Design-Bid-Build	Monitoring Year 4
Charles Creek	Pasquotank	03010205	Pasquotank	0.0	1.8	0.0	Design-Bid-Build	Monitoring Year 2
Chavis Park	Neuse	03020201	Wake	2,210.0	0.0	2.3	Design-Bid-Build	Monitoring Year 5
City Pond	Yadkin	03040201	Anson	10,667.0	0.0	0.0	Full Delivery	Monitoring Year 4
Clayhill Farm	White Oak	03020106	Jones	11,608.7	269.7	0.0	Design-Bid-Build	Monitoring Year 3
Clear Creek	French Broad	06010105	Henderson	1,200.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Cleghorn Creek	Broad	03050105	Rutherford	5,167.0	0.0	0.0	Full Delivery	Monitoring Year 3
Cox Site	Neuse	03020201	Johnston	7,642.0	43.7	13.4	Full Delivery	Monitoring Year 2
Croatan Wetland Mitigation Bank I	Neuse	03020204	Craven	0.0	1,538.5	0.0	Design-Bid-Build	Monitoring Close Out
Croatan Mitigation Bank Phase II	Neuse	03020204	Craven	0.0	2,512.5	0.0	Design-Bid-Build	Monitoring Close Out



## F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
Cross Creek	Cape Fear	03030004	Cumberland	2,400.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Dale Tract	Cape Fear	03030005	Brunswick	0.0	144.2	0.0	Full Delivery	Monitoring Year 5
Deaton	Cape Fear	03030003	Randolph	4,800.0	0.0	13.7	Design-Bid-Build	Monitoring Year 1
Deep Creek (Harding)	Yadkin	03040101	Yadkin	5,500.0	42.5	0.0	Full Delivery	Monitoring Year 5
Dismal Swamp	Pasquotank	03010205	Gates	0.0	380.0	0.0	Design-Bid-Build	Monitoring Year 1
Dismal Swamp Full-Delivery	Pasquotank	03010205	Tyrrell	0.0	455.0	0.0	Full Delivery	Monitoring Year 2
Dowd Dairy	Cape Fear	03030005	Bladen	0.0	601.3	0.0	Design-Bid-Build	Long Term Mgmt.
Dutchman's Creek	Neuse	03020201	Wake	0.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
East Tarboro Canal (G)	Tar-Pamlico	03020103	Edgecombe	4,865.0	0.0	8.3	Design-Bid-Build	Monitoring Year 1
Elizabeth City State BMP	Pasquotank	03010205	Pasquotank	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Elk Shoals RFP*	Catawba	03050101	Alexander	5,376.0	0.0	5.3	Full Delivery	Monitoring Year 4
Ellerbee Creek (G)	Neuse	03020201	Durham	6,279.0	0.0	12.0	Design-Bid-Build	Monitoring Year 4
Fisher River Mit. Bank (Ring FDP)	Yadkin	03040101	Surry	4,752.0	34.5	0.0	Full Delivery	Monitoring Year 5
Forest Hills	Cape Fear	03030002	Durham	2,960.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Freedom Park	Catawba	03050103	Mecklenburg	4,400.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Gillespie Golf Course	Cape Fear	03030002	Guilford	5,795.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Gregory	Tar-Pamlico	03020102	Halifax	6,500.0	75.0	0.0	Full Delivery	Monitoring Year 4
Grimesland (Phase II)	Tar-Pamlico	03020103	Pitt	0.0	48.8	0.0	Design-Bid-Build	Monitoring Close Out
Grimesland Site Phase I	Tar-Pamlico	03020103	Pitt	0.0	355.8	0.0	Design-Bid-Build	Long Term Mgmt.
Grove Creek	Cape Fear	03030007	Duplin	0.0	379.7	0.0	Design-Bid-Build	Monitoring Year 3
Hammock's State Park	White Oak	03020106	Onslow	0.0	0.3	0.0	Design-Bid-Build	Long Term Mgmt.
Hanging Rock Creek (A3)	Watauga	06010103	Avery	3,046.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Haw Branch	Cape Fear	03030007	Onslow	10,000.0	25.0	0.0	Full Delivery	Monitoring Year 3
Haw River Swamp II	Cape Fear	03030002	Rockingham	0.0	35.2	0.0	Full Delivery	Monitoring Year 4
High Vista	French Broad	06010105	Buncombe	3,800.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Hillcrest Bay	Cape Fear	03030004	Hoke	0.0	15.0	0.0	Full Delivery	Monitoring Year 4
Hillsdale Park	Cape Fear	03030002	Guilford	5,440.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Homestead/Second Creek	Yadkin	03040102	Rowan	5,500.0	65.1	0.0	Full Delivery	Monitoring Year 5
Hominy Swamp Creek	Neuse	03020203	Wilson	2,232.0	0.0	2.6	Design-Bid-Build	Long Term Mgmt.
Howell Woods	Neuse	03020201	Johnston	5,251.0	140.0	5.5	Design-Bid-Build	Monitoring Close Out
Huskanaw Swamp	Tar-Pamlico	03020103	Martin	0.0	23.6	0.0	Design-Bid-Build	Monitoring Year 1
Johnson Site (Hunting Creek)	Yadkin	03040102	Iredell	2,200.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Jones Creek	Yadkin	03040201	Anson	8,218.0	27.7	0.0	Full Delivery	Monitoring Year 3
Jumping Run Creek	Cape Fear	03030004	Harnett	4,480.0	67.0	0.0	Design-Bid-Build	Monitoring Year 2
Jumping Run Creek	White Oak	03020106	Carteret	0.0	3.0	0.0	Design-Bid-Build	Long Term Mgmt.
Juniper Bay	Lumber	03040203	Robeson	0.0	597.7	0.0	Design-Bid-Build	Monitoring Year 3

## F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
Kentwood Park	Neuse	03020201	Wake	1,420.0	0.0	2.9	Design-Bid-Build	Monitoring Year 4
Key Branch	Yadkin	03040104	Anson	6,183.0	95.0	14.2	Design-Bid-Build	Monitoring Year 5
Kings Creek	French Broad	06010105	Transylvania	2,300.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Lake Wheeler	Neuse	03020201	Wake	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Lengyel	Neuse	03020204	Craven	0.0	10.3	0.0	Design-Bid-Build	Monitoring Year 1
Lick Creek	Cape Fear	03030004	Lee	9,500.0	0.0	0.0	Full Delivery	Monitoring Year 3
Little Beaver Creek	Cape Fear	03030002	Wake	5,625.0	4.8	0.0	Design-Bid-Build	Monitoring Year 2
Little Grassy Creek	Roanoke	03010102	Granville	15,249.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Little McQueen	Lumber	03040203	Robeson	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Little Sugar Creek I	Catawba	03050103	Mecklenburg	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Long Creek	Catawba	03050101	Mecklenburg	0.0	1.6	0.0	Design-Bid-Build	Monitoring Year 1
Long Swamp	Lumber	03040203	Hoke	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Louisburg (UT to Tar River)	Tar-Pamlico	03020101	Franklin	1,937.0	0.0	3.0	Design-Bid-Build	Monitoring Year 3
Lowell Mill	Neuse	03020201	Johnston	34,990.0	0.0	0.0	Full Delivery	Monitoring Year 3
Mary's Creek	Cape Fear	03030002	Alamance	2,096.0	0.0	5.4	Design-Bid-Build	Monitoring Year 3
McDonald's Pond	Yadkin	03040201	Richmond	8,149.0	40.9	0.0	Full Delivery	Monitoring Year 3
McIntyre Creek @ Hornets Nest Park	Catawba	03050101	Mecklenburg	4,800.0	1.5	17.1	Design-Bid-Build	Monitoring Year 1
McIntyre Property	Cape Fear	03030005	Brunswick	0.0	107.1	0.0	Full Delivery	Monitoring Year 5
Mildred Woods	Tar-Pamlico	03020103	Edgecombe	0.0	136.5	0.0	Design-Bid-Build	Monitoring Year 1
Mill Branch	Lumber	03040206	Columbus	5,032.0	38.0	0.0	Design-Bid-Build	Monitoring Year 1
Mocassin Creek (G)	Neuse	03020203	Wake	311.0	48.5	3.0	Design-Bid-Build	Monitoring Year 3
Moye Farm Phase II (G)	Neuse	03020203	Greene	0.0	0.0	50.0	Full Delivery	Monitoring Year 5
Mud Creek	French Broad	06010105	Henderson	0.0	15.6	0.0	Design-Bid-Build	Monitoring Year 1
Naked Creek	Yadkin	03040101	Wilkes	3,000.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Neu-Con MBI (Westbrook)	Neuse	03020201	Johnston	5,414.0	130.0	0.0	Full Delivery	Monitoring Year 5
Neu-Con MBI (Nahunta)	Neuse	03020203	Wayne	10,670.0	141.4	0.0	Full Delivery	Monitoring Year 4
Neu-Con MBI (Alexander)	Neuse	03020203	Greene	0.0	21.4	0.0	Full Delivery	Monitoring Year 5
Neu-Con MBI (Marston)	Neuse	03020204	Jones	6,416.0	167.1	0.0	Full Delivery	Monitoring Year 5
North River	White Oak	03020106	Carteret	0.0	250.0	0.0	Design-Bid-Build	Monitoring Year 3
Open Springs	Cape Fear	03030003	Randolph	4,520.0	0.0	4.7	Full Delivery	Monitoring Year 4
Payne Dairy	Catawba	03050101	Alexander	6,997.0	6.4	25.4	Design-Bid-Build	Long Term Mgmt.
Pembroke Creek I	Pasquotank	03010205	Chowan	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Pembroke Creek II	Pasquotank	03010205	Chowan	0.0	-0.1	0.0	Design-Bid-Build	Monitoring Year 1
Perry Property (UT to Pembroke)	Pasquotank	03010205	Chowan	4,400.0	23.0	0.0	Design-Bid-Build	Monitoring Year 1
Pott Creek	Catawba	03050102	Lincoln	3,500.0	37.9	0.0	Full Delivery	Monitoring Year 5
Pott Creek II	Catawba	03050102	Catawba	10,054.0	0.0	0.0	Full Delivery	Monitoring Year 4

## F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
Prestonwood G.C.	Neuse	03020201	Wake	4,123.0	0.0	5.3	Design-Bid-Build	Monitoring Year 4
Price Park	Cape Fear	03030002	Guilford	1,776.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Privateer Farms	Cape Fear	03030005	Cumberland	34,005.0	427.5	0.0	Full Delivery	Monitoring Year 3
Purlear Creek	Yadkin	03040101	Wilkes	11,500.0	4.0	0.0	Design-Bid-Build	Monitoring Year 4
Purlear Creek II	Yadkin	03040101	Wilkes	2,620.0	1.4	0.0	Design-Bid-Build	Monitoring Year 3
Reedy Branch	Cape Fear	03030002	Alamance	3,150.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Rich Fork FDP (Bodenheimer-Parker)	Yadkin	03040103	Davidson	3,000.0	22.0	0.0	Full Delivery	Monitoring Year 5
Richland Creek	Neuse	03020201	Wake	415.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Rocky Branch	Yadkin	03040102	Yadkin	4,400.0	1.5	0.0	Design-Bid-Build	Monitoring Year 1
Rocky Branch (NCSU) Phase I	Neuse	03020201	Wake	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Rocky Branch (NCSU) Phase II	Neuse	03020201	Wake	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Sandy Creek	Cape Fear	03030002	Durham	2,700.0	3.6	0.0	Design-Bid-Build	Monitoring Year 5
Sawmill	Neuse	03020204	Craven	0.0	-0.4	0.8	Design-Bid-Build	Monitoring Year 1
Seven Springs	Neuse	03020202	Wayne	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Shepherd's Tree	Yadkin	03040102	Iredell	10,700.0	121.1	0.0	Design-Bid-Build	Monitoring Year 4
Silas Creek	Yadkin	03040101	Forsyth	4,444.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Silver Creek	Catawba	03050101	Burke	9,632.0	0.0	5.3	Full Delivery	Monitoring Year 3
Sleepy Creek	Neuse	03020202	Lenoir	0.0	515.6	0.0	Full Delivery	Monitoring Year 4
Smith Creek Site	Cape Fear	03030007	New Hanover	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Smith/Austin Creek (G)	Neuse	03020201	Wake	10,954.0	0.0	32.0	Design-Bid-Build	Monitoring Year 5
Snow Creek	Roanoke	03010103	Stokes	4,705.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
South Buffalo Creek	Cape Fear	03030002	Guilford	0.0	6.2	0.0	Design-Bid-Build	Monitoring Year 1
South Fork	Catawba	03050102	Catawba	11,260.0	0.0	0.0	Full Delivery	Monitoring Year 4
South Fork Hopper	Catawba	03050101	McDowell	7,213.0	6.1	9.9	Full Delivery	Monitoring Year 2
South Muddy Creek	Catawba	03050101	McDowell	15,226.0	0.0	7.3	Full Delivery	Monitoring Year 2
Sparta Bog	New	05050001	Alleghany	0.0	11.9	0.0	Design-Bid-Build	Monitoring Year 1
Speight Branch	Neuse	03020201	Wake	0.0	21.2	0.0	Design-Bid-Build	Long Term Mgmt.
Spring Branch	Cape Fear	03030007	New Hanover	0.0	0.0	0.0	Full Delivery	Monitoring Year 1
Spring Valley Park	Cape Fear	03030002	Guilford	1,000.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Starmount Forest CC	Cape Fear	03030002	Guilford	5,621.0	0.0	0.0	Design-Bid-Build	Monitoring Close Out
Stillhouse Creek (G)	Neuse	03020201	Orange	1,391.0	0.0	2.0	Design-Bid-Build	Monitoring Year 2
Stone Mountain	Yadkin	03040101	Wilkes	8,321.0	1.6	0.0	Design-Bid-Build	Monitoring Year 8
Stonebridge	Cape Fear	03030003	Moore	6,240.0	0.0	8.6	Full Delivery	Monitoring Year 3
Sturgeon City (Phase I)	White Oak	03030001	Onslow	0.0	3.0	0.0	Design-Bid-Build	Long Term Mgmt.
Sturgeon City (Phase II)	White Oak	03030001	Onslow	0.0	2.5	0.0	Design-Bid-Build	Monitoring Year 5
Suck Creek	Cape Fear	03030003	Moore	2,963.0	0.0	7.8	Design-Bid-Build	Monitoring Year 5

## F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
Tick Creek (Condolet Tract)	Cape Fear	03030003	Chatham	3,011.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Trout Cove Branch	Hiwassee	06020002	Clay	3,900.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Tucker Farm	Pasquotank	03010205	Currituck	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Tulula	Little Tennessee	06010204	Graham	9,734.8	102.0	0.0	Design-Bid-Build	Monitoring Year 6
UT to Barnes Creek (HurleySite)	Yadkin	03040103	Montgomery	3,975.0	4.1	0.0	Design-Bid-Build	Monitoring Year 1
UT to Rocky River (Smith Tract)	Cape Fear	03030003	Chatham	2,206.0	0.0	1.2	Design-Bid-Build	Monitoring Year 1
UT to Sandy Creek (Williams Tract)	Cape Fear	03030003	Randolph	2,590.0	0.0	3.6	Design-Bid-Build	Monitoring Year 1
Wake Forest C.C.	Neuse	03020201	Wake	3,400.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Walnut Creek (Buffer) (G)	Neuse	03020202	Wayne	0.0	0.0	25.0	Full Delivery	Monitoring Year 4
Warrior Creek	Yadkin	03040101	Wilkes	11,035.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
Wells Creek	Cape Fear	03030002	Alamance	5,743.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
White Oak Creek	Neuse	03020201	Johnston	0.0	32.2	0.0	Full Delivery	Monitoring Close Out
Whitelace Ck* (G)	Neuse	03020202	Lenoir	5,901.0	20.7	2.4	Design-Bid-Build	Monitoring Year 3
Wiggins Mill	Neuse	03020203	Wilson	247.0	18.0	0.0	Design-Bid-Build	Monitoring Year 1
Wike Property (Lyle Creek)	Catawba	03050101	Catawba	2,067.0	0.0	0.0	Design-Bid-Build	Monitoring Close Out
Zack's Fork Ck RFP*	Catawba	03050101	Caldwell	3,900.0	0.0	0.0	Full Delivery	Monitoring Year 3
UT to Crooked Creek/Speas Property (G)	Tar-Pamlico	03020101	Franklin	2,477.0	2.8	10.8	Design-Bid-Build	Monitoring Year 2
UT to South Fork Creek (Hadley-Newlin)	Cape Fear	03030002	Alamance	6,000.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Bold Run Creek (G)	Neuse	03020201	Wake	1,629.3	0.0	27.1	Design-Bid-Build	Monitoring Year 2
Norwood Gainey Site (G)	Neuse	03020202	Wayne	0.0	10.8	47.8	Design-Bid-Build	Monitoring Year 2
BMP (River Bend Site)	Neuse	03020204	Craven	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Bogue Sound (Weeks Property)	White Oak	03020106	Carteret	0.0	0.2	0.0	Design-Bid-Build	Monitoring Year 1
Collington Cut	Pasquotank	03010205	Dare	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Bryan Blvd/ Oakridge	Cape Fear	03030002	Guilford	0.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Eagle Brunswick	Cape Fear	03030005	Brunswick	0.0	0.0	0.0	Full Delivery	Long Term Mgmt.
Rowel Branch	Cape Fear	03030005	Brunswick	0.0	0.0	0.0	Full Delivery	Long Term Mgmt.
Glen Raven	Cape Fear	03030002	Alamance	3,990.0	0.0	0.0	Full Delivery	Monitoring Year 2
Brown Farm	Cape Fear	03030002	Durham	0.0	27.9	0.0	Full Delivery	Monitoring Year 2
Tarleton Swamp	Cape Fear	03030004	Cumberland	4,302.0	9.2	0.0	Full Delivery	Monitoring Year 3
Moccasin Creek-Buffer (G)	Neuse	03020201	Johnston	0.0	0.0	20.2	Full Delivery	Monitoring Year 3
Little Buffalo (G)	Neuse	03020201	Johnston	0.0	0.0	18.5	Full Delivery	Monitoring Year 3
Big Bull Creek (G)	Neuse	03020201	Johnston	0.0	0.0	35.0	Full Delivery	Monitoring Year 4
Brogden Road (G)	Neuse	03020201	Johnston	0.0	0.0	30.0	Full Delivery	Monitoring Year 4
Whitley Site (G)	Neuse	03020201	Johnston	0.0	0.0	27.5	Full Delivery	Monitoring Year 2
Beaverdam Creek	Catawba	03050101	Mecklenburg	15,597.0	0.0	0.0	Full Delivery	Monitoring Year 2
Silver Creek-Conway	Catawba	03050101	Burke	4,520.0	0.0	0.0	Full Delivery	Monitoring Year 1

## F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
Gray Farm	Catawba	03050101	Iredell	7,610.0	0.0	15.7	Full Delivery	Monitoring Year 3
Reeds Creek	Catawba	03050101	Iredell	0.0	6.4	0.0	Full Delivery	Monitoring Year 2
Little Contentnea-Buffer (G)	Neuse	03020203	Greene	0.0	0.0	54.2	Full Delivery	Monitoring Year 4
Howard Farm (G)	Neuse	03020203	Greene	0.0	0.0	26.3	Full Delivery	Monitoring Year 3
Ballance Farm (Buffer) (G)	Neuse	03020203	Wayne	0.0	0.0	50.0	Full Delivery	Monitoring Year 3
Conoconnara Swamp	Roanoke	03010107	Halifax	5,000.0	148.0	0.0	Full Delivery	Monitoring Year 2
Modlin Site	Roanoke	03010107	Martin	0.0	40.0	0.0	Full Delivery	Monitoring Year 2
Gatlin Swamp	Roanoke	03010107	Martin	0.0	125.0	0.0	Full Delivery	Monitoring Year 3
Daniels Farm #2	Tar-Pamlico	03020101	Franklin	0.0	30.0	0.0	Full Delivery	Monitoring Year 3
Harrell Site	Tar-Pamlico	03020101	Edgecombe	6,987.0	15.0	18.9	Full Delivery	Monitoring Year 1
Manning Farm (G)	Tar-Pamlico	03020103	Edgecombe	0.0	0.0	10.0	Full Delivery	Monitoring Year 3
Conetoe Creek (G)	Tar-Pamlico	03020103	Pitt	0.0	0.0	10.0	Full Delivery	Monitoring Year 4
Simpson Buffer (G)	Tar-Pamlico	03020104	Beaufort	0.0	0.0	45.0	Full Delivery	Monitoring Year 2
Simpson Wetland	Tar-Pamlico	03020104	Beaufort	0.0	30.0	0.0	Full Delivery	Monitoring Year 2
Haw River Swamp I	Cape Fear	03030002	Rockingham	0.0	12.0	0.0	Full Delivery	Monitoring Year 4
Carbonton Dam	Cape Fear	03030003	Moore	90,494.0	0.0	0.0	Full Delivery	Monitoring Year 3
Daniels Farm	Tar-Pamlico	03020101	Franklin	0.0	31.7	0.0	Full Delivery	Monitoring Year 5
Moye Farm Phase I (G)	Neuse	03020203	Greene	0.0	0.0	37.1	Full Delivery	Monitoring Close Out
Casey Dairy (G)	Neuse	03020202	Wayne	0.0	0.0	72.0	Full Delivery	Monitoring Close Out
Hargett/Tucker Farm (G)	Neuse	03020204	Lenoir	0.0	0.0	16.0	Full Delivery	Monitoring Year 5
McCotter-Raines (G)	Neuse	03020204	Jones	0.0	0.0	24.4	Full Delivery	Monitoring Close Out
Lloyd Site	White Oak	03030001	Onslow	4,750.0	6.4	0.0	Full Delivery	Monitoring Year 2
Mason Farm	Tar-Pamlico	03020105	Hyde	0.0	36.0	0.0	Full Delivery	Monitoring Year 1
Crowns West	White Oak	03030001	Onslow	3,800.0	0.0	0.0	Full Delivery	Monitoring Year 2
Camp Branch	Yadkin	03040104	Anson	11,436.0	12.8	0.0	Design-Bid-Build	Monitoring Year 2
Armstrong Property	Tar-Pamlico	03020104	Hyde	2,000.0	20.0	4.5	Full Delivery	Monitoring Year 1
Brown Marsh Swamp	Lumber	03040204	Robeson	5,000.0	5.0	0.0	Full Delivery	Monitoring Year 1
Ellington Branch	Roanoke	03010106	Warren	5,000.0	0.0	0.0	Full Delivery	Monitoring Year 1
Anderson Swamp	Tar-Pamlico	03020102	Edgecombe	0.0	19.0	0.0	Full Delivery	Monitoring Year 2
Tributary to Reedy Fork Creek	Cape Fear	03030002	Guilford	7,300.0	0.0	0.0	Full Delivery	Monitoring Year 1
Little White Oak Creek	Broad	03050105	Polk	18,200.0	0.0	0.0	Full Delivery	Monitoring Year 1
Duke Swamp	Chowan	03010203	Gates	5,000.0	15.0	0.0	Full Delivery	Monitoring Year 1
601 West Property	Yadkin	03040105	Union	4,500.0	0.0	0.0	Full Delivery	Monitoring Year 1
601 North Property	Yadkin	03040105	Union	3,000.0	0.0	0.0	Full Delivery	Monitoring Year 1
Cutawhiskie creek	Chowan	03010204	Hertford	5,604.0	12.3	0.0	Full Delivery	Monitoring Year 1
Jarmans Oak	White Oak	03030001	Onslow	7,034.0	30.2	0.0	Full Delivery	Monitoring Year 1

### F i. Total Projects in Monitoring and Long Term Management - DBB and FD

Project Name	River Basin	CU	County	Stream	Wetland	Buffer	Project Method	Phase
Wolf Pond	Yadkin	03040105	Union	4,500.0	0.0	0.0	Full Delivery	Monitoring Year 1
Stricker Branch	Yadkin	03040105	Cabarrus	3,000.0	0.0	0.0	Full Delivery	Monitoring Year 1
WRC Bowlin-Peak Creek	New	05050001	Ashe	1,551.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Plemmons-Kirkpatrick Spring Creek WRC	French Broad	06010105	Madison	680.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1
Neu-Con MBI (Preservation 01)	Neuse	03020201	Johnston	0.0	230.0	0.0	Full Delivery	Monitoring Year 5
Neu-Con MBI (Casey-King)	Neuse	03020202	Lenoir	0.0	25.0	0.0	Full Delivery	Monitoring Year 5
Neu-Con MBI (Tull Wooten)	Neuse	03020202	Lenoir	0.0	125.0	0.0	Full Delivery	Monitoring Year 5
Neu-Con MBI (Valentine)	Neuse	03020203	Lenoir	0.0	500.0	0.0	Full Delivery	Monitoring Year 5
Little Ivy Creek (Barnhill Site)	French Broad	06010105	Madison	1,200.0	0.0	0.0	Design-Bid-Build	Monitoring Year 4
SALT (Sandhill Area Land Trust)	Cape Fear	03030004	Moore	0.0	216.9	0.0	Design-Bid-Build	Monitoring Year 3
Paint Fork Creek(Brigmon Site)	French Broad	06010105	Madison	5,175.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
South Fork Big Pine Creek(Charles/McGinnis)	French Broad	06010105	Madison	1,100.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Paint Fork Creek(Fosson)	French Broad	06010105	Madison	1,700.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Middle Fork Creek (Phillips/Willis)	French Broad	06010105	Madison	4,480.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
Ut to Peak Creek (Bare site)	New	05050001	Ashe	2,183.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Ut to Laxon Creek (Carp site)	New	05050001	Watauga	538.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Meat Camp Creek (Miller site)	New	05050001	Watauga	652.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Laxon Creek(Racey site)	New	05050001	Watauga	1,160.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Obids Creek(Wild site)	New	05050001	Ashe	1,819.0	0.0	0.0	Design-Bid-Build	Long Term Mgmt.
Goose Creek (Greene site)	Yadkin	03040105	Mecklenburg	783.0	0.0	0.0	Design-Bid-Build	Monitoring Year 3
Big Warrior & Little Warrior Creek	Yadkin	03040101	Wilkes	15,550.0	0.0	0.0	Design-Bid-Build	Monitoring Year 5
UT to Bear Creek (Phillips)	Cape Fear	03030003	Chatham	3,570.0	0.0	0.0	Design-Bid-Build	Monitoring Year 1

**Total      876,874.84    13,401.46    966.22**



**F ii. FY 2007-08 Projects Submitted for Close-out**

<b>Project Name</b>	<b>River Basin</b>	<b>CU</b>	<b>County</b>	<b>Stream</b>	<b>Wetland</b>	<b>Buffer</b>	<b>Project Method</b>	<b>Phase</b>
Bear Swamp Creek	Tar-Pamlico	03020101	Franklin	1460	0	2.4	Design-Bid-Build	Monitoring Close Out
Brown Branch	Catawba	03050101	Caldwell	5227	0	0	Design-Bid-Build	Long Term Mgmt.
Deaton	Cape Fear	03030003	Randolph	4800	0	13.7	Design-Bid-Build	Monitoring Year 1
Hominy Swamp Creek	Neuse	03020203	Wilson	2232	0	2.6	Design-Bid-Build	Long Term Mgmt.
Grimesland (Phase II)	Tar-Pamlico	03020103	Pitt	0	48.8	0	Design-Bid-Build	Monitoring Close Out
Wike Property (Lyle Creek)	Catawba	03050101	Catawba	2067	0	0	Design-Bid-Build	Monitoring Close Out
Meat Camp Creek (Miller site)	New	05050001	Watauga	652	0	0	Design-Bid-Build	Long Term Mgmt.
Obids Creek(Wild site)	New	05050001	Ashe	1819	0	0	Design-Bid-Build	Long Term Mgmt.