



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

November 10, 2014

MEMORANDUM

TO: THE ENVIRONMENTAL REVIEW COMMISSION
The Honorable Mike Hager, Co-Chair
The Honorable Ruth Samuelson, Co-Chair
The Honorable Brent Jackson, Co-Chair

JOINT LEGISLATIVE COMMITTEE ON GOVERNMENTAL OPERATIONS
The Honorable Thom Tillis, Co-Chair
The Honorable Phil Berger, Co-Chair

FROM: Neal Robbins, Director of Legislative Affairs

SUBJECT: Implementation of EEP and use of Ecosystem Enhancement Fund Report

DATE: November 10, 2014

Pursuant to G.S. 143-214.13, the Department of Environment and Natural Resources shall report each year by November 1 to the Environmental Review Commission and to the Joint Legislative Commission on Governmental Operations regarding its progress in implementing the Ecosystem Enhancement Program and its use of the funds in the Ecosystem Restoration Fund. Please consider the attached as the formal submission this report.

If you have any questions or need additional information, please contact me by phone at (919) 707-8618 or via e-mail at neal.robbs@ncdenr.gov.

cc: Mitch Gillespie, Assistant Secretary for Environment, NCDENR
Michael Ellison, Director Ecosystem Enhancement Program, NCDENR

Ecosystem Enhancement Program

2013-14 Annual Report

[EEP-WIDE](#)

[APPENDICES](#)

[REGULATORY
ADDENDUM](#)

[NCDOT
PROGRAM](#)

[STATEWIDE
PROGRAM](#)

[RIPARIAN BUFFER
PROGRAM](#)

[NUTRIENT OFFSET
PROGRAM](#)

MISSION: To provide cost-effective mitigation alternatives that improve the state's water resources



Executive Summary

In Fiscal Year (FY) 2013-14, the NC Ecosystem Enhancement Program:

- ❖ Helped NCDOT obtain permits for 125 NCDOT transportation projects by providing 77,446 stream mitigation credits and 84.20 wetland mitigation credits.
- ❖ Assisted customers with 130 development projects in the Statewide Stream and Wetland, Riparian Buffer, and Nutrient Offset In-Lieu Fee (ILF) Programs by providing:
 - ❖ 7,606 stream credits,
 - ❖ 35.02 wetland credits,
 - ❖ 52 acres of buffer mitigation,
 - ❖ 15,916 pounds of nitrogen reduction, and
 - ❖ 196 pounds of phosphorus reduction.
- ❖ Received 95% of its nutrient payments from private developers for schools, recreational, medical, and other commercial and residential projects.
- ❖ Received 5% of nutrient payments from State, Local and Federal clients.



Program-Wide

[Property](#)

[EEP
Program
Costs](#)

[Mitigation
Bank
Costs](#)

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Credits](#)

The FY 2013-14 EEP Annual Report fulfills legal and regulatory reporting requirements as detailed in the 2010 NCDENR/EEP In-Lieu Fee [Instrument](#) governing In-Lieu Fee Programs for Stream & Wetland Mitigation. It implements Federal [Rules](#) in 40 CFR Part 250/33, CFR Parts 325 and 332, and North Carolina [G.S.](#) §143-214.13.

EEP operates four programs, described in detail in this report, and the accompanying [Appendices](#) and [Regulatory Addendum](#):

- ❖ [NC DOT Statewide Stream and Wetland Mitigation Program](#)
- ❖ [Statewide Stream and Wetland Mitigation Program](#)
- ❖ [Riparian Buffer Mitigation Program](#), and
- ❖ [Nutrient Offset Program](#)

[Wetlands
Losses &
Gains](#)

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Property



- ❖ During FY 2013-14, the State Property Office closed 78 recorded transactions totaling 697 acres associated with EEP's enhancement or restoration projects, including 66 permanent conservation easements.
- ❖ All properties that closed during FY 2013-14 are shown in [Appendix A-1](#).
- ❖ A full inventory of all properties acquired is presented in [Appendix A-2](#)
- ❖ In FY 2013-2014 all property acquisitions were completed via Full Delivery Projects or modifications to older projects.
- ❖ More than 51,278 acres of conservation land or conservation easements have been acquired by EEP and partners to date
- ❖ A full list of EEP projects are in [Appendix A-3](#), [A4](#), [A5](#), and [A6](#).



Program Costs

Average mitigation credit costs for the last fiscal year have been determined by analyzing Full Delivery contracts awarded over the last 1, 3, and 5 fiscal years. The dataset includes actual contracts awarded and estimates of costs required to complete projects.

CREDIT TYPE	RANGE OF PROGRAM COSTS PER CREDIT	CURRENT FEE
Stream Mitigation Units	\$232 to \$411	\$289 (Low); \$381 (High)
Riparian Wetland Mitigation Units	\$15,000 to \$98,500	\$39,428 (Low); \$69,736 (High)
Non-Riparian Wetland Mitigation Units	\$49,000 to \$62,485	\$25,874 (Low); \$50,313 (High)
Coastal Marsh Mitigation Units	N/A*	\$171,544
Riparian Buffer Mitigation Units	\$0.80 to \$1.53	\$1.05

*EEP did not implement any Coastal Marsh wetland projects in the last five fiscal years. Nutrient Offset fees are set using the Actual Cost Method, see [Nutrient Offset Mitigation Fees](#)



Cost Analysis of Private Mitigation Banks

Reporting requirements of G.S. §143 214.13 require EEP to compare EEP project costs with private mitigation bank rates. EEP maintains an email distribution list that includes all known mitigation providers in NC. Mitigation Bank responses to the 2013-2014 Request for Information are provided in [Appendix B](#).

MITIGATION TYPE	RANGE OF PRICES PER CREDIT
Stream Mitigation Units	\$274 to \$425
Riparian Wetland Mitigation Units	\$36,000 to \$75,000
Non-Riparian Wetland Mitigation Units	\$22,000 to \$70,000
Coastal Marsh Mitigation Units	N/A
Riparian Buffer Mitigation Units	\$1.00 to \$1.03
Nitrogen Offset Credits	\$82.00 to \$95.00
Phosphorus Offset Credits	N/A



Advance Credits



The In-Lieu Fee mitigation instrument allocated advance credits by river basin and eight-digit cataloging unit for use by EEP. Pursuant to this operating agreement, this annual report includes a summary of the status and use of “Advance Credits” as defined by Federal rules in [Appendix C](#).



Wetlands Losses and Gains

Reporting requirements of G.S. §143-214.13 oblige EEP to document statewide wetlands losses and gains and compensatory mitigation performed under G.S. §143-214.8 through G.S. §143-214.12. The data below have been provided by the Division of Water Resources and reflect permitting by DENR. This annual report documents compensatory mitigation performed by EEP. Complete lists of mitigation requirements and assets are provided in the [Regulatory Addendum](#).

DWR Quarterly Reports for 7/1/2013 through 6/30/2014					
Linear feet of streams permitted	Q1	Q2	Q3	Q4	YTD
Lost from permitting	30,531	34,073	24,702	28,388	117,694
Gained from permitting (mitigation, restoration)	11,545	27,951	19,059	19,469	78,024
Acres of wetlands permitted	Q1	Q2	Q3	Q4	YTD
Lost from permitting	12.98	24.33	34.47	23.08	98.87
Gained from permitting (mitigation, restoration)	3.51	20.21	25.03	11.14	59.89
Acres of riparian buffers permitted	Q1	Q2	Q3	Q4	YTD
Lost from permitting	16.06	10.60	12.24	9.14	48.04
Gained from permitting (mitigation, restoration)	5.67	13.44	0.21	1.86	21.17

**Issued 401 permits and Buffer Authorizations, only. Source: Personal communication from Cindy Karoly, Wetlands Branch Manager, NC Division of Water Resources on 9/24/2014*



Fund Status

NCDOT
Stream &
Wetland

Statewide
Stream &
Wetland

Riparian
Buffer

Nutrient
Offset

Each of the four EEP In-Lieu Fee Programs are financially independent funds that operate solely on their own receipts and do not receive any appropriations from the General Assembly. A fund status report for each program is provided.

Financial
Glossary



Financial Glossary

Definitions for Terminology used in the Description of Fund Status

Financial Term	Definition
Beginning Cash Balance	Amount of cash in fund account at beginning of fiscal year (abbrev. FY)
Receipts	Amount of money collected during FY
Expenditures	Amount of money spent during FY
Ending Cash Balance	Amount of money in fund account at end of FY
Encumbered Cash – Current Projects	Amount of money set aside for contracts for projects
Cost to Complete Requirements	Amount of money necessary to complete program requirements
Adjustments Recently Executed Contracts	Adjustments to encumbrances and cost to complete requirements due to contracts and expenditures that were in process at end of year
Unencumbered Cash Balance	Amount of cash not encumbered at end of FY
Net Accounts Receivable	Outstanding receipts that will be collected over time
Net Asset Inventory Value	Current estimated value of unused credits available for sale at current fee schedule
Grand Total Program	Summary of all financial assets and liabilities



NCDOT Statewide Stream & Wetland Program



[REQUIREMENTS](#)

[FUND STATUS](#)

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NCDOT Statewide Stream & Wetland Program Requirements

- ❖ The goal of this program is to produce mitigation credits to offset anticipated impacts from the implementation of the NCDOT seven-year Transportation Improvement Program (TIP). Anticipated impacts are provided to EEP by the Natural Environment Unit at NCDOT.
- ❖ In fiscal 2013-14 EEP accepted mitigation for 125 NCDOT transportation projects requiring stream and/or wetland mitigation.
- ❖ For these NCDOT projects, EEP is providing 77,446 stream mitigation units and 84.20 wetland mitigation units.
- ❖ [Appendix D-1](#) provides NCDOT Statewide Stream and Wetland Program permitted requirements for fiscal 2013-14.



NCDOT Statewide Stream & Wetland Program Fund Status

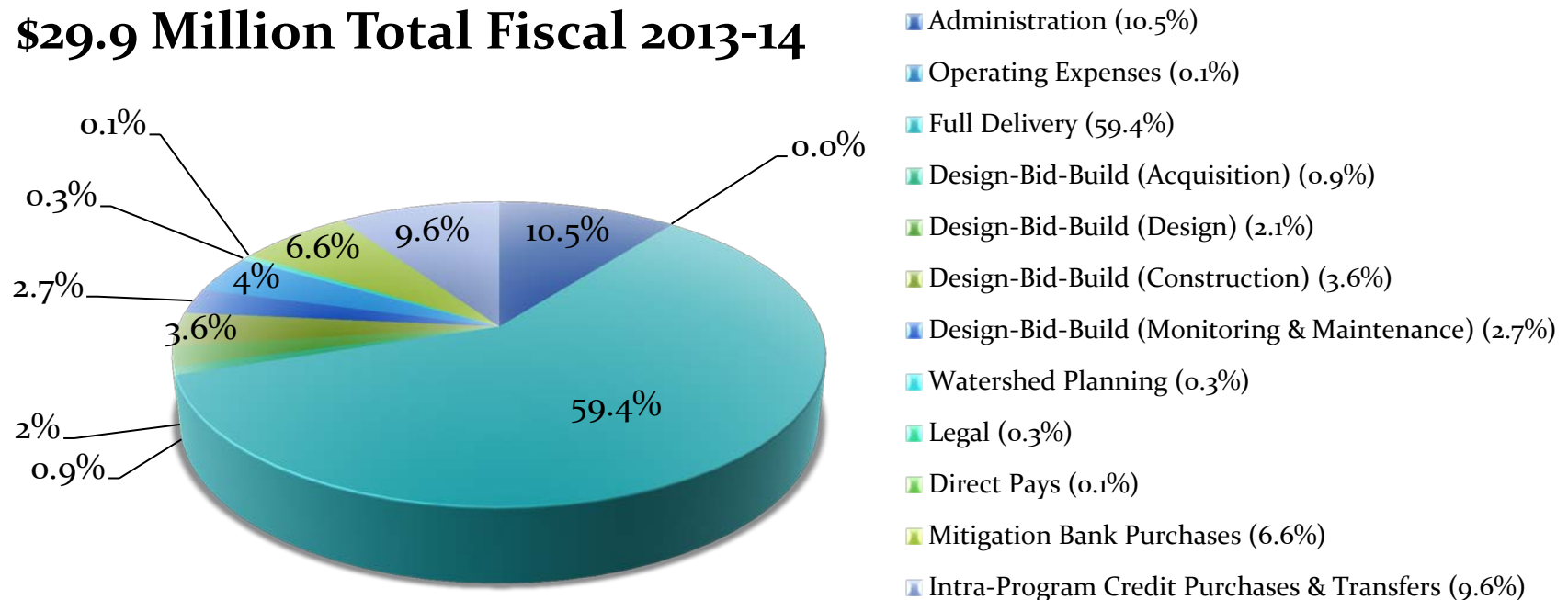
Beginning Cash Balance	\$5,195,859.61
Plus: Receipts (Customer, Credit Sales, Purchase Refunds)	\$27,854,784.84
Plus: Interest Earned (returned to NCDOT)	\$13,873.52
Subtotal	\$33,064,517.97
Less: Expenditures	(\$29,997,726.38)
Ending Cash Balance	\$3,066,791.59
Less: Encumbered Cash Current Projects	(\$61,803,602.78)
Unencumbered Cash Balance	(\$58,736,811.19)
Less: Cost to Complete Future Contract Requirements	(\$18,527,337.43)
Less: Adjustments Recently Executed Contracts	(\$686,225.26)
Plus: Net Accounts Receivable	\$77,950,373.71
Total Projected Cash	\$0.00



NCDOT Statewide Stream & Wetland Program Expenditures

In accordance with the In-Lieu Fee Mitigation Instrument, EEP now reports the program expenditures by fund. This figure summarizes the expenditures by payment type for the NCDOT Stream and Wetland Program. [Appendix E](#) provides a full listing of the expenditures by fund.

\$29.9 Million Total Fiscal 2013-14



NCDOT Statewide Stream & Wetland Program Compliance

The NCDOT Stream and Wetland Program established a model for ILF programs and is a national leader in producing compensatory mitigation in advance of unavoidable environmental impacts. Since 2003, the agreement between NCDOT, NCDENR, and the U.S. Army Corps of Engineers has allowed NCDOT to move forward with more than \$15 billion in road development projects without delays associated with compensatory mitigation. [Regulatory Addendum IV](#) provides a detailed compliance action strategy by Cataloging Unit.

DOT Program Type	Requirements Due (credits)	Requirements Met (credits)	Requirements Not Met (credits)	Compliance (credits)	Total Advanced Mitigation * (unassigned)
Stream	494,486	494,486	0	100.00%	782,839
Wetlands	1,151.24	1,148.33	2.91	99.75%	9,553.32

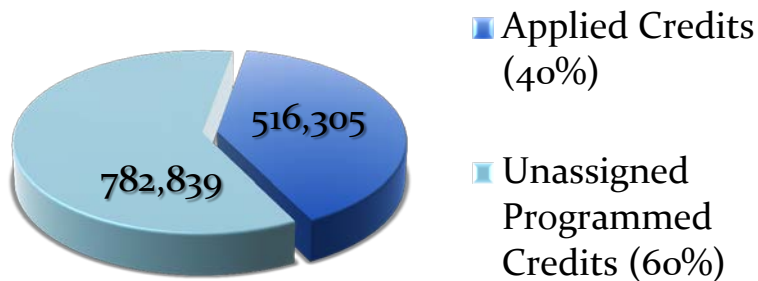
**Includes NCDOT surplus credits*



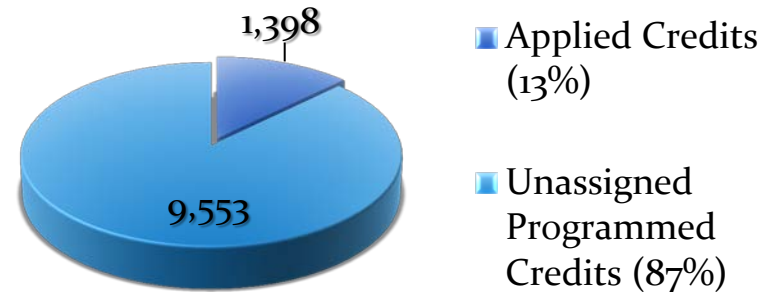
NCDOT Statewide Stream & Wetland Program Inventory

The NCDOT Stream and Wetland Program's gross inventory totaled 1,299,144 stream credits and 10,951 wetland credits. The vast majority of these credits are unassigned and available for future permit requirements as projected in the state's Transportation Improvement Program. Detailed information about the NCDOT Stream and Wetland Program Gross and Net inventories can be found in Appendices [F-1](#) and [F-2](#) (for non HQP), and [F-3](#) and [F-4](#) (for HQP).

Stream Inventory fiscal 2013-14



Wetland Inventory fiscal 2013-14



Statewide Stream & Wetland Program

[REQUIREMENTS](#)

[FUND STATUS](#)

[EXPENDITURES](#)

[COMPLIANCE](#)

[INVENTORY](#)



Statewide Stream & Wetland Program Requirements

- ❖ In fiscal 2013-14, EEP received 59 customer payments into the Statewide Stream and Wetland Program, totaling \$4,784,408.
- ❖ These 59 customer payments represent 7,606 stream credits and 35.02 wetland credits.
- ❖ [Appendix D-2](#) provides Statewide Stream and Wetland Program fiscal 2013-14 receipts and requirements.



Statewide Stream & Wetland Program Fund Status

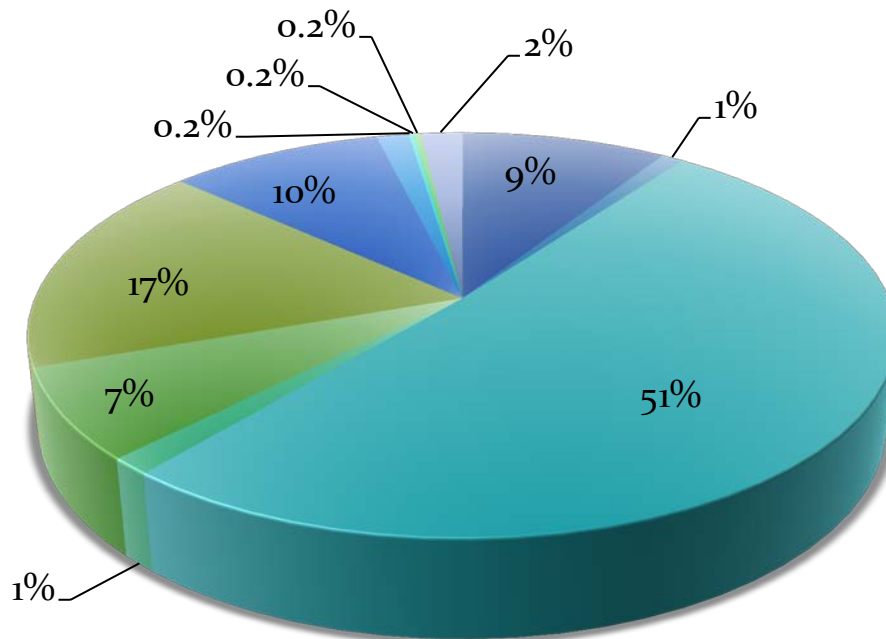
Beginning Cash Balance	\$6,099,115.19
Plus: Receipts (Customer, Credit Sales, Purchase Refunds)	\$10,524,719.14
Plus: Interest Earned	\$31,454.92
Subtotal	\$16,655,289.25
Less: Expenditures	(\$6,752,477.90)
Ending Cash Balance	\$9,902,811.35
Less: Encumbered Cash Current Projects	(\$14,622,024.18)
Less: Cost to Complete Future Contract Requirements	(\$15,495,421.57)
Unencumbered Cash Balance	(\$20,214,634.40)
Less: Adjustments Recently Executed Contracts	(\$969,167.76)
Plus: Net Accounts Receivable	\$15,295,403.57
Grand Total Projected Cash	(\$5,888,398.59)
Net Asset Inventory Value	\$31,765,942.03
Grand Total Program	\$25,877,543.44



Statewide Stream & Wetland Program Expenditures

In accordance with the ILF Mitigation Instrument, EEP now reports the program expenditures by fund. This figure summarizes the expenditures by payment type for the Statewide Stream and Wetland Program. [Appendix E](#) provides a full listing of the expenditures by fund.

\$6.8 Million Total Fiscal 2013-14



- Administration (9.1%)
- Operating Expenses (1.0%)
- Full Delivery (51.0%)
- Design-Bid-Build (Acquisition) (1.3%)
- Design-Bid-Build (Design) (7.2%)
- Design-Bid-Build (Construction) (17.1%)
- Design-Bid-Build (Monitoring & Maintenance) (9.5%)
- Misc Contracts (1.4%)
- Watershed Planning (0.2%)
- Legal (0.2%)
- Direct Pays (0.2%)



Statewide Stream & Wetland Program Compliance

For fiscal 2013-14, the Statewide Stream and Wetland Program had satisfied 99.16 percent of all stream requirements and 99.35 percent of all wetland requirements. The table below summarizes these results. The Statewide Stream and Wetland Program also measures compliance by percentage of permits satisfied. EEP continues to implement projects to address all of its permit requirements. [Regulatory Addendum IV](#) provides a detailed compliance action strategy by Cataloging Unit.

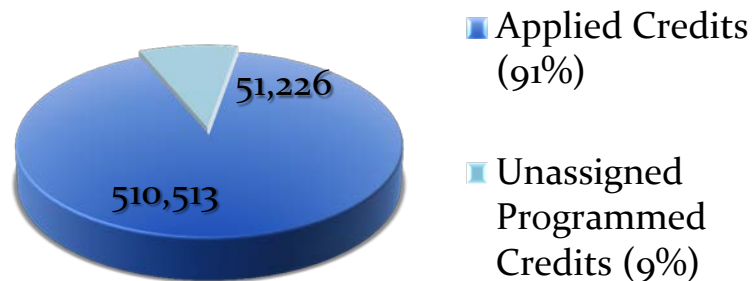
Statewide Program Type	Requirements Due (credits)	Requirements Met (credits)	Requirements Not Met (credits)	Compliance (credits)	Total Advanced Mitigation (unassigned)
Stream	551,669	547,044	4,625	99.16%	51,226
Wetlands	1002	9954	6.6	99.35%	209



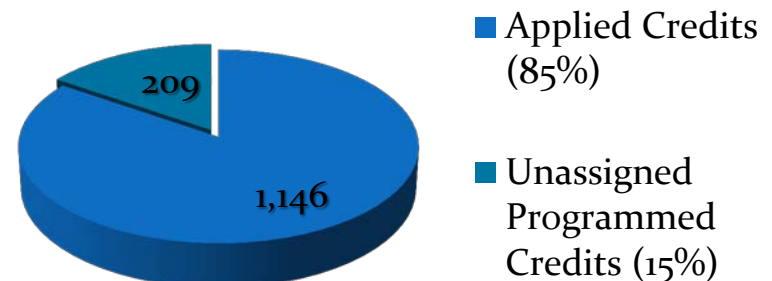
Statewide Stream & Wetland Program Inventory

The Statewide Stream and Wetland Program's gross inventory totaled 561,739 stream credits and 1,356 wetland credits. Detailed information about the Statewide Stream and Wetland Program Gross and Net Inventories can be found in Appendices [F-5](#) and [F-6](#).

Stream Inventory fiscal 2013-14



Wetland Inventory fiscal 2013-14



Riparian Buffer Mitigation Program

[REQUIREMENTS](#)

[FUND STATUS](#)

[EXPENDITURES](#)

[COMPLIANCE &
INVENTORY](#)



Riparian Buffer Mitigation Program Requirements

- ❖ In fiscal 2013-14, EEP received 29 customer payments into the Riparian Buffer Mitigation Program, totaling \$2,362,057.71.
- ❖ These 29 customer payments represent 2,273,029 square feet (52 acres) of buffer mitigation.
- ❖ Approximately 93% of the fiscal 2013-14 requirements came from NCDOT.
- ❖ [Appendix D-3](#) provides Riparian Buffer Program fiscal 2013-14 receipts and requirements.



Riparian Buffer Mitigation Program

Fund Status

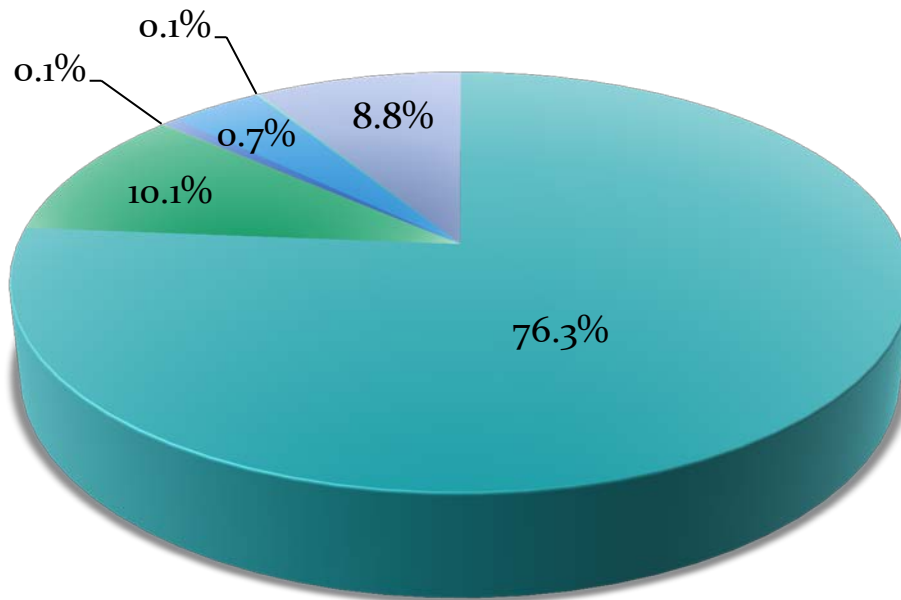
Beginning Cash Balance	\$7,107,687.06
Plus: Receipts (Customer, Credit Sales, Purchase Refunds)	\$2,996,276.21
Plus: Interest Earned	\$35,246.29
Subtotal	\$10,139,209.56
Less: Expenditures	(\$1,056,384.40)
Ending Cash Balance	\$9,082,825.16
Less: Encumbered Cash Current Projects	(\$2,430,907.15)
Less: Cost to Complete Future Contract Requirements	(\$7,453,626.92)
Unencumbered Cash Balance	(\$801,708.91)
Less: Adjustments Recently Executed Contracts	\$280,838.66
Plus: Net Accounts Receivable	\$0.00
Grand Total Projected Cash	(\$520,870.25)
Net Asset Inventory Value	\$315,749.84
Grand Total Program	(\$205,120.41)



Riparian Buffer Program Expenditures

In accordance with the ILF Mitigation Instrument, EEP now reports the program expenditures by fund. This figure summarizes the expenditures by payment type for the Riparian Buffer Mitigation Program. [Appendix E](#) provides a full listing of the expenditures by fund.

\$1.1 Million Total Fiscal 2013-14



- Administration (0%)
- Operating Expenses (0.01%)
- Full Delivery (76.3%)
- Design-Bid-Build (Acquisition) (10.1%)
- Design-Bid-Build (Design) (0%)
- Design-Bid-Build (Construction) (0.05%)
- Design-Bid-Build (Monitoring & Maintenance) (0.69%)
- Misc Contracts (3.9%)
- Watershed Planning (0%)
- Legal (0.09%)
- Direct Pays (0%)
- Mitigation Bank Purchases (0%)
- Intra-Program Credit Purchases & Transfers (8.8%)



Riparian Buffer Program Compliance and Inventory

EEP issued six new requests for Full Delivery proposals in 2013 to satisfy the remaining permit requirements in the Cape Fear, Neuse, and Tar-Pamlico basins and issued one contract award during fiscal 2013-14. The Cape Fear represents 86 percent of the unmet requirements across all river basins. Detailed information about the Riparian Buffer Program's compliance action strategy can be found in [Regulatory Addendum IV](#) and about the Program's Gross and Net Inventories can be found in Appendices [F-7](#) and [F-8](#).

Buffer Program Type	Requirements Due (credits)	Requirements Met (credits)	Requirements Not Met (credits)	Compliance (credits)	Total Advanced Mitigation (unassigned)
Cape Fear	8,855,819	5,202,207	3,653,611	58.74%	20,049
Catawba	145,060	145,060	0	100.00%	72,740
Neuse	19,081,897	19,062,048	19,849	99.90%	58,635
Tar-Pamlico	2,662,567	2,066,895	595,672	77.63%	158,135
Yadkin	0	0	0	100.00%	8,364
Grand Total	30,745,343	26,476,210	4,269,132	86.11%	309,559



Nutrient Offset Program

[REQUIREMENTS](#)

[FUND STATUS](#)

[EXPENDITURES](#)

[COMPLIANCE &
INVENTORY](#)



Nutrient Offset Program Requirements

- ❖ In fiscal 2013-14, EEP received 42 customer payments into the Nutrient Offset Program, totaling \$419,475.13.
- ❖ These 42 customer payments represent reductions of 15,916 pounds of nitrogen and 196 pounds of phosphorus.
- ❖ 95% of the fiscal 2013-14 payments came from private developers for schools, recreational, medical, and other commercial and residential projects.
- ❖ [Appendix D-4](#) provides Nutrient Offset Program fiscal 2013-14 receipts and requirements



Nutrient Offset Program Fund Status

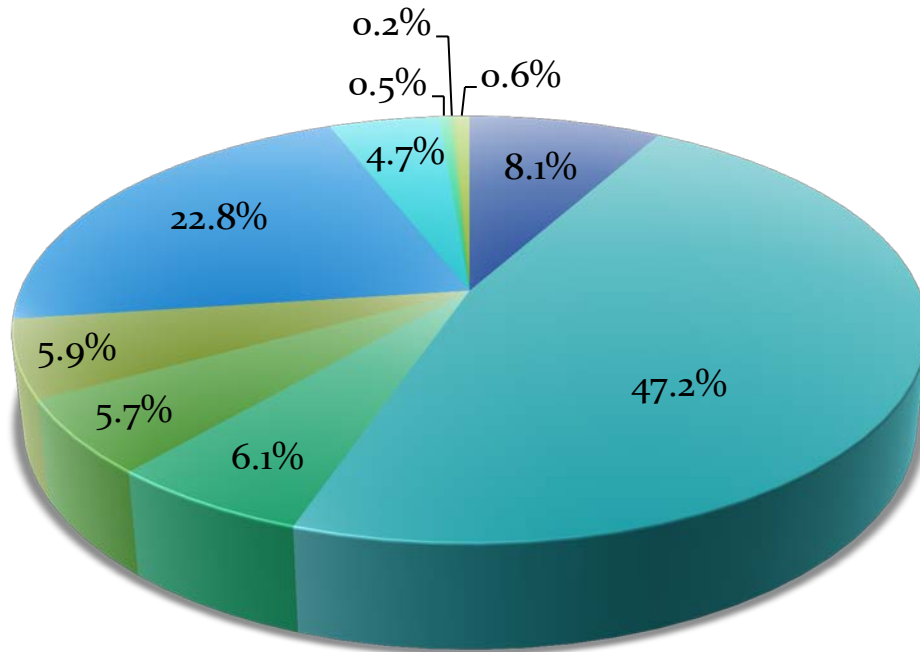
Beginning Cash Balance	\$4,537,220.32
Plus: Receipts (Customer, Credit Sales, Purchase Refunds)	\$489,091.06
Plus: Interest Earned	\$18,314.88
Subtotal	\$5,044,626.26
Less: Expenditures	(\$1,074,234.30)
Ending Cash Balance	\$3,970,391.96
Less: Encumbered Cash Current Projects	(\$1,405,738.08)
Less: Cost to Complete Future Contract Requirements	(\$608,261.99)
Unencumbered Cash Balance	\$1,956,391.89
Less: Adjustments Recently Executed Contracts	\$2,103.84
Plus: Net Accounts Receivable	\$0.00
Grand Total Projected Cash	\$1,958,495.73
Net Asset Inventory Value	\$4,589,723.17
Grand Total Program	\$6,548,218.90



Nutrient Offset Program Expenditures

In accordance with the ILF Mitigation Instrument, EEP now reports the program expenditures by fund. This figure summarizes the expenditures by payment type for the Nutrient Offset Program. [Appendix E](#) provides a full listing of the expenditures by fund.

\$1.1 Million Total Fiscal 2013-14



- Administration (8.1%)
- Operating Expenses (0.02%)
- Full Delivery (47.2%)
- Design-Bid-Build (Acquisition) (6.1%)
- Design-Bid-Build (Design) (5.7%)
- Design-Bid-Build (Construction) (5.9%)
- Design-Bid-Build (Monitoring & Maintenance) (0%)
- Misc Contracts (21.2%)
- Watershed Planning (4.7%)
- Legal (0.5%)
- Direct Pays (0.2%)
- Mitigation Bank Purchases (0.6%)
- Intra-Program Credit Purchases & Transfers (0%)



Nutrient Offset Program Compliance and Inventory

EEP accepts payments for nitrogen reduction in the Neuse basin and nitrogen and phosphorus in the Tar-Pamlico basin, the Falls Lake watershed and in the Jordan Lake watershed. Detailed information about the Nutrient Offset Program's Gross and Net Inventories can be found in Appendices [F-9](#) and [F-10](#), and about the Program's compliance action strategies can be found in [Regulatory Addendum IV](#).

Nutrient Offset Program Type	Requirements Due (credits)	Requirements Met (credits)	Requirements Not Met (credits)	Compliance (credits)	Total Advanced Mitigation (unassigned)
Falls Nitrogen	14,818	14,818	0	100.00%	568
Falls Phosphorus	413	413	0	100.00%	344
Jordan Nitrogen	98	0	98	0.00%	82
Jordan Phosphorus	0	0	0	100.00%	0
Neuse Nitrogen	1,352,384	1,352,384	0	100.00%	114,579
Tar Pamlico Nitrogen	95,015	95,015	0	100.00%	86,050
Tar Pamlico Phosphorus	6,008	6,008	0	100.00%	5,718
Grand Total	1,468,737	1,468,639	98	99.99%	207,341



Appendices

Appendix A - Property

[A-1. Closed Fiscal 2012-13](#)

[A-2. Cumulative Properties](#)

[A-3. Non-HQP Site List](#)

[A-4. HQP Site List](#)

[A-5. Riparian Buffer ILF Projects](#)

[A-6. Nutrient Offset ILF Projects](#)

[Appendix B - Mitigation Bank Costs](#)

Appendix C - Advance Credits

[C. Advance Credit Summary](#)

Appendix D - FY Requirements

[D-1. DOT FY Requirements](#)

[D-2. Statewide FY Requirements](#)

[D-3. Riparian Buffer FY Requirements](#)

Appendix E - Expenditures

[D-4. Nutrient Offset Requirements](#)

Appendix F - Inventory

[Regulatory Addendum](#)

[F-1. DOT Gross Assets \(no HQP\)](#)

[F-2. DOT Net Assets \(no HQP\)](#)

[F-3. DOT Gross Assets \(HQP\)](#)

[F-4. DOT Net Assets \(HQP\)](#)

[F-5. Statewide Gross Assets](#)

[F-6. Statewide Net Assets](#)

[F-7. Riparian Buffer Gross Assets](#)

[F-8. Riparian Buffer Net Assets](#)

[F-9. Nutrient Offset Program Gross Assets](#)

[F-10. Nutrient Offset Program Net Assets](#)



click on each to download, or here for [Full Appendices](#)



Regulatory Addendum

Addendum I - Requirement Ledgers

[I-A. NCDOT Program-
Requirement Ledger](#)

[I-B. Statewide Program
- Requirement Ledger](#)

[I-C. Riparian Buffer
Program - Requirement
Ledger](#)

[I-D. Nutrient Offset
Program - Requirement
Ledger](#)

Addendum II. - Asset Ledgers

[II-A. NC DOT and
Statewide Stream and
Wetland Program -
Asset Ledger](#)

[II-B. NCDOT Program -
\(HQP\) Asset Ledger](#)

[II-C. Riparian Buffer
Program - Asset Ledger](#)

[II-D. Nutrient Offset
Program - Asset Ledger](#)

[Addendum III. - Advance
Credit Ledger](#)

[Addendum IV. - Action
Strategies](#)

[Addendum V. - River
Basin Map](#)

[Addendum VI. -
Ecoregions Map](#)



click on each to download, or here for [Full Addendum](#)

