

Mitigation Project Name	Buckwater Mitigation Site	USACE Action ID	2016-00873
DMS ID	97084	DWR Permit	2016-0406 v2
River Basin	Neuse	Date Project Instituted	3/22/2016
Cataloging Unit	03020201	Date Prepared	4/17/2023
County	Orange	Stream/Wet. Service Area	Neuse 03020201


Signature of Official Approving Credit Release

- 1 - For NCDMS, no credits are released during the first milestone
2 - For NCDMS projects, the initial credit release milestone occurs automatically when the as-built report (baseline monitoring report) has been made available to the IRT by posting it to the DMS portal, provided the following have been met:
- 1) Approved of Final Mitigation Plan
 - 2) Recordation of the preservation mechanism, as well as a title opinion acceptable to the USACE covering the property.
 - 3) Completion of all physical and biological improvements to the mitigation site pursuant to the mitigation plan.
 - 4) Receipt of necessary DA permit authorization or written DA approval for projects where DA permit issuance is not required.
- 3 - A 10% reserve of credits is to be held back until the bankfull event performance standard has been met.

Credit Release Milestone	Warm Stream Credits						
	Scheduled Releases %	Estimated Scheduled Release #	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year	Actual Release Date
1 - Site Establishment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 - Year 0 / As-Built	30.00%	3,786.580	3,786.580	0.000	3,786.580	2019	9/23/2019
3 - Year 1 Monitoring	10.00%	1,262.193	1,262.193	0.000	1,262.193	2020	4/20/2020
4 - Year 2 Monitoring	10.00%	1,262.193	1,262.193	0.000	1,262.193	2021	5/10/2021
5 - Year 3 Monitoring	10.00%	1,262.194	1,262.194	0.000	1,262.194	2022	4/18/2022
6 - Year 4 Monitoring	5.00%	631.096	631.096	0.000	631.096	2023	4/17/2023
7 - Year 5 Monitoring	10.00%	1,262.194				2024	
8 - Year 6 Monitoring	5.00%	631.096				2025	
9 - Year 7 Monitoring	10.00%	1,262.194				2026	
Stream Bankfull Standard	10.00%	1,262.194				2021	
			Totals		8,204.256		

Total Gross Credits	12,621.934
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	8,204.256
Total Percentage Released	65.00%
Remaining Unreleased Credits	4,417.678

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	9,051.000
Warm Stream	Enhancement I	2,573.000
Warm Stream	Enhancement II	4,639.000

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Debits

Warm Stream
Restoration
Credits

Beginning Balance (mitigation credits)							12,621.934
Released Credits							8,204.256
Unrealized Credits							0.000
Converted Credits							0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #	
NCDOT Stream & Wetland ILF Program	REQ-008187	I-5111 / 4739	I-40 Widening (Wake & Johnston Counties)	2009-00556	2019-0593		1,795.095
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249		1,991.485
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249		1,262.193
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249		1,262.193
NCDOT Stream & Wetland ILF Program	REQ-008992	I-5986B	I-95 Improvements	2018-02276	2019-0214		888.947
NCDOT Stream & Wetland ILF Program	REQ-009275	U-6623	Ranch Road Extension	2019-00962	2021-1409		373.247
Remaining Balance (Released credits)							631.096
Remaining Balance (Unreleased credits)							4,417.678
Total Remaining Balance (Released and Unreleased credits)							5,048.774