

Mitigation Project Name	Alliance Headwaters Stream Site	USACE Action ID	2016-00882
DMS ID	97086	DWR Permit	2016-0405 v2
River Basin	Neuse	Date Project Instituted	3/21/2016
Cataloging Unit	03020201	Date DRAFT Prepared	1/3/2022
County	Johnston	Stream/Wet. Service Area	Neuse 03020201

Signature of Official Approving Credit Release

- 1 - For NCDMS, no credits are released during the first milestone (Site Establishment).
2 - For NCDMS projects, the initial credit release milestone occurs when the as-built report (baseline monitoring report) has been approved by the NCIRT and posted to the NCDMS Portal, provided the following criteria are met:
 1) Approval 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%	1,808.815	1,808.815	0.000	1,808.815	2020	3/25/2020
3 - Year 1 Monitoring	10.00%	602.938	602.938	0.000	602.938	2021	5/12/2021
4 - Year 2 Monitoring	10.00%	602.938	602.938			2022	
5 - Year 3 Monitoring	10.00%	602.939				2023	
6 - Year 4 Monitoring	5.00%	301.469				2024	
7 - Year 5 Monitoring	10.00%	602.939				2025	
8 - Year 6 Monitoring	5.00%	301.469				2026	
9 - Year 7 Monitoring	10.00%	603.939				2027	
Stream Bankfull Standard	10.00%	602.938				2024	
			Totals		2,411.753		

Total Gross Credits	6,029.384
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,411.753
Total Percentage Released	40.00%
Remaining Unreleased Credits	3,617.631

Credit Release Milestone	Riparian 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%	11.807	11.807	0.000	11.807	2020	3/25/2020
3 - Year 1 Monitoring	10.00%	3.935	3.935	0.000	3.935	2021	5/12/2021
4 - Year 2 Monitoring	10.00%	3.935	3.935			2022	
5 - Year 3 Monitoring	15.00%	5.900				2023	
6 - Year 4 Monitoring	5.00%	1.972				2024	
7 - Year 5 Monitoring	15.00%	5.898				2025	
8 - Year 6 Monitoring	5.00%	1.972				2026	
9 - Year 7 Monitoring	10.00%	3.935				2027	
Stream Bankfull Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Totals		15.742		

Total Gross Credits	39.354
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	15.742

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Total Percentage Released	40.00%
Remaining Unreleased Credits	23.612

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	6,529.000
Riparian	Restoration	40.460
Riparian	Creation	1.090
Riparian	Enhancement	0.380
Riparian	Preservation	16.390

Debits

							Warm Stream Restoration Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							6,029.384	37.598	1.756
Released Credits							2,411.753	15.039	0.703
Unrealized Credits							0.000	0.000	0.000
Converted Credits							0.000	0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #			
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249		1,808.815		
NCDOT Stream & Wetland ILF Program	REQ-008295	R-2721B	NC 540 from East of SR 1389 to East of US 401	2009-02240	2018-1249		602.938		
Statewide Stream & Wetland ILF Program	REQ-002988		Town of Cary Windsor Oaks Water/Sewer Ext		2006-0613			0.095	
Statewide Stream & Wetland ILF Program	REQ-006127		Austin Creek Phase 2	2011-01676	2014-0695			0.216	
Statewide Stream & Wetland ILF Program	REQ-006448		Knightdale Station	2015-01553	2015-0838			0.490	
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153			10.479	
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153			0.911	

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Statewide Stream & Wetland ILF Program	REQ-006576		Shotwell Landfill Expansion	2007-03170	1997-0893			2.180		
Statewide Stream & Wetland ILF Program	REQ-006588		Lidl, US NC01 Raleigh	2015-00592	2015-1192			0.450		
Statewide Stream & Wetland ILF Program	REQ-006692		Summerlyn Subdivision Phase 2 The Groves	2015-01684	2015-0750			0.218		
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153				0.527	
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153				0.176	
Remaining Balance (Released credits)								0.000	0.000	0.000
Remaining Balance (Unreleased credits)								3,617.631	22.559	1.053
Total Remaining Balance (Released and Unreleased credits)								3,617.631	22.559	1.053