

Mitigation Project Name	Buffalo Creek Tributaries Mitigation Project	USACE Action ID	2018-00425
DMS ID	100042	DWR Permit	2018-0199
River Basin	Neuse	Date Project Instituted	1/11/2018
Cataloging Unit	03020201	Date Prepared	4/18/2023
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%	1,226.550	1,226.550	0.000	1,226.550	2021	7/20/2021
3 - Year 1 Monitoring	10.00%	408.850	408.850	0.000	408.850	2022	4/20/2022
4 - Year 2 Monitoring	10.00%	408.850	408.850	0.000	408.850	2023	4/18/2023
5 - Year 3 Monitoring	10.00%	408.850				2024	
6 - Year 4 Monitoring	5.00%	204.425				2025	
7 - Year 5 Monitoring	10.00%	408.850				2026	
8 - Year 6 Monitoring	5.00%	204.425				2027	
9 - Year 7 Monitoring	10.00%	408.850				2028	
Stream Bankfull Standard	10.00%	408.850				2025	
			Totals		2,044.250		

Total Gross Credits	4,088.500
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,044.250
Total Percentage Released	50.00%
Remaining Unreleased Credits	2,044.250

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%	1.037	1.037	0.000	1.037	2021	7/20/2021
3 - Year 1 Monitoring	10.00%	0.346	0.346	0.000	0.346	2022	4/20/2022
4 - Year 2 Monitoring	10.00%	0.346	0.346	0.000	0.346	2023	4/18/2023
5 - Year 3 Monitoring	15.00%	0.518				2024	
6 - Year 4 Monitoring	5.00%	0.174				2025	
7 - Year 5 Monitoring	15.00%	0.517				2026	
8 - Year 6 Monitoring	5.00%	0.174				2027	
9 - Year 7 Monitoring	10.00%	0.346				2028	
			Totals		1.729		

Total Gross Credits	3.458
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1.729
Total Percentage Released	50.00%
Remaining Unreleased Credits	1.729

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	3,168.000
Warm Stream	Enhancement I	1,296.000
Warm Stream	Preservation	565.000
Riparian	Restoration	3.420
Riparian	Enhancement	0.075

Debits

	Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits					
Beginning Balance (mitigation credits)	4,032.000	56.500	3.420	0.038					
Released Credits	2,016.000	28.250	1.710	0.019					
Unrealized Credits	0.000	0.000	0.000	0.000					
Converted Credits	0.000	0.000	0.000	0.000					
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #			
Statewide Stream & Wetland ILF Program	REQ-006402		Bacarra Phase 2	2012-00716	2013-0684		149.000		
Statewide Stream & Wetland ILF Program	REQ-006402		Bacarra Phase 2	2012-00716	2013-0684		111.670		
Statewide Stream & Wetland ILF Program	REQ-006547		Hanson Crabtree Quarry Expansion Ph 1	2014-01246	2014-0727		830.000		
Statewide Stream & Wetland ILF Program	REQ-006547		Hanson Crabtree Quarry Expansion Ph 1	2014-01246	2014-0727		118.930		
Statewide Stream & Wetland ILF Program	REQ-006801		Grigsby - Park Avenue Subdivision	2016-0040	2017-0557		403.200		
Statewide Stream & Wetland ILF Program	REQ-006402		Bacarra Phase 2	2012-00716	2013-0684			16.950	
Statewide Stream & Wetland ILF Program	REQ-006822		Auburn Village Subdivision	2016-02377	2017-0533			5.650	
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153				1.026
Statewide Stream & Wetland ILF Program	REQ-007777		Permit 199501141 Mod. For WFER Reservoir Ph2	2014-00299	1996-1190				0.342

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Debits							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							4,032.000	56.500	3.420	0.038
Released Credits							2,016.000	28.250	1.710	0.019
Unrealized Credits							0.000	0.000	0.000	0.000
Converted Credits							0.000	0.000	0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #				
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153					0.011
Statewide Stream & Wetland ILF Program	REQ-007777		Permit 199501141 Mod. For WFER Reservoir Ph2	2014-00299	1996-1190					0.004
Remaining Balance (Released credits)							403.200	5.650	0.342	0.004
Remaining Balance (Unreleased credits)							2,016.000	28.250	1.710	0.019
Total Remaining Balance (Released and Unreleased credits)							2,419.200	33.900	2.052	0.023