

Mitigation Project Name **Buffalo Creek Tributaries Mitigation Project**
 DMS ID **100042**
 River Basin **Neuse**
 Cataloging Unit **03020201**
 County **Johnston**

USACE Action ID **2018-00425**
 DWR Permit **2018-0199**
 Date Project Instituted **1/11/2018**
 Date **DRAFT Prepared** **1/3/2022**
 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				2022	
4 - Year 2 Monitoring	10.00%	408.850				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		1,226.550		

Total Gross Credits	4,088.500
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,226.550
Total Percentage Released	30.00%
Remaining Unreleased Credits	2,861.950

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				2022	
4 - Year 2 Monitoring	10.00%	0.346				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	
Stream Bankfull Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Totals		1.037		

Total Gross Credits	3.458
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1.037

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Total Percentage Released	29.99%
Remaining Unreleased Credits	2.421

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
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Beginning Balance (mitigation credits)	4,032.000	56.500	3.420	0.038
Released Credits	1,209.600	16.950	1.026	0.011
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 #	Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
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-006402		Bacarra Phase 2	2012-00716	2013-0684			16.950		
Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153				1.026	

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Statewide Stream & Wetland ILF Program	REQ-006546		Martin Marietta's Benson Quarry	2014-00845	1995-0153					0.011
Remaining Balance (Released credits)							0.000	0.000	0.000	0.000
Remaining Balance (Unreleased credits)							2,822.400	39.550	2.394	0.027
Total Remaining Balance (Released and Unreleased credits)							2,822.400	39.550	2.394	0.027