

Mitigation Project Name	Banner Branch Mitigation Project	USACE Action ID	2018-01760
DMS ID	100080	DWR Permit	2018-1154
River Basin	Roanoke	Date Project Instituted	6/15/2018
Cataloging Unit	03010103	Date Prepared	12/16/2022
County	Stokes	Stream/Wet. Service Area	Roanoke 03010103



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						
Project 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%	3,707.610	3,707.610	0.000	3,707.610	2021	9/13/2021
3 - Year 1 Monitoring	10.00%	1,235.868	1,235.868	0.000	1,235.868	2022	4/20/2022
4 - Year 2 Monitoring	10.00%	1,235.871	1,235.871	0.000	1,235.871	2023	4/18/2023
5 - Year 3 Monitoring	10.00%	1,235.871				2024	
6 - Year 4 Monitoring	5.00%	617.934				2025	
7 - Year 5 Monitoring	10.00%	1,235.871				2026	
8 - Year 6 Monitoring	5.00%	617.934				2027	
9 - Year 7 Monitoring	10.00%	1,235.871				2028	
Stream Bankfull Standard	10.00%	1,235.871				2025	
			Totals		6,179.349		

Total Gross Credits	12,358.701
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	6,179.349
Total Percentage Released	50.00%
Remaining Unreleased Credits	6,179.352

Credit Release Milestone	Riparian Credits						
Project 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%	1.432	1.432	0.000	1.432	2021	9/13/2021
3 - Year 1 Monitoring	10.00%	0.476	0.476	0.000	0.476	2022	4/20/2022
4 - Year 2 Monitoring	10.00%	0.476	0.476	0.000	0.476	2023	4/18/2023
5 - Year 3 Monitoring	15.00%	0.717				2024	
6 - Year 4 Monitoring	5.00%	0.237				2025	
7 - Year 5 Monitoring	15.00%	0.717				2026	
8 - Year 6 Monitoring	5.00%	0.238				2027	
9 - Year 7 Monitoring	10.00%	0.480				2028	
			Totals		2.384		

Total Gross Credits	4.773
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2.384
Total Percentage Released	49.95%
Remaining Unreleased Credits	2.389

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	9,615.000
Warm Stream	Enhancement I	2,481.000
Warm Stream	Enhancement II	2,584.000
Warm Stream	Preservation	1,027.000
Riparian	Restoration	4.117
Riparian	Enhancement	2.066

Debits

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							12,256.001	102.700	3.737	1.036
Released Credits							6,127.999	51.350	1.868	0.516
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 #				
NCDOT Stream & Wetland ILF Program	REQ-007098	B-5352	Replace Bridge 131 on US 220	2018-00198			77.000			
NCDOT Stream & Wetland ILF Program	REQ-007430	U-4734	Kernersville - Macy Grove Rd Extension	2009-02019	2017-1466		56.000			
NCDOT Stream & Wetland ILF Program	REQ-007816	U-2579 / R-2247	Winston-Salem Northern Beltway	2017-02112	1998-0260		3,248.800			
NCDOT Stream & Wetland ILF Program	REQ-008312	BR-0044	Bridge 780168 over Smith River on NC 14 / 87	2018-01859			80.000			
NCDOT Stream & Wetland ILF Program	REQ-008481		SR 1695 - Bridge 104 - Division 9	2018-00642	2018-0463		98.000			
NCDOT Stream & Wetland ILF Program	REQ-008565		NC 66 - Bridge 15 (Vade Mecum Creek) - Division 9	2020-00312			117.000			
NCDOT Stream & Wetland ILF Program	REQ-009592	U-2579D / U-2579E / U-2579F	Winston-Salem Northern Beltway	2017-02112	1998-0260		1,225.598			
NCDOT Stream & Wetland ILF Program	REQ-007816	U-2579 / R-2247	Winston-Salem Northern Beltway	2017-02112	1998-0260			30.810		
NCDOT Stream & Wetland ILF Program	REQ-009592	U-2579D / U-2579E / U-2579F	Winston-Salem Northern Beltway	2017-02112	1998-0260			10.270		
NCDOT Stream & Wetland ILF Program	REQ-005467	R-2413C / R-2309AB	NC 68 Connector	2002-20447	2011-0392				0.020	
NCDOT Stream & Wetland ILF Program	REQ-006567	B-5343	Replace Bridge 169 on NC 770	2016-01415	2016-0565				0.010	
NCDOT Stream & Wetland ILF Program	REQ-007817	U-2579 / R-2247	Winston-Salem Northern Beltway	2017-02112	1998-0260				0.941	
NCDOT Stream & Wetland ILF Program	REQ-008852		SR 1360 - Bridge 166 - Division 7	2018-00882					0.150	
NCDOT Stream & Wetland ILF Program	REQ-009594	U-2579D / U-2579E / U-2579F	Winston-Salem Northern Beltway	2017-02112	1998-0260				0.109	

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NCDOT Stream & Wetland ILF Program	REQ-009594	U-2579D / U-2579E / U-2579F	Winston-Salem Northern Beltway	2017-02112	1998-0260				0.264	
NCDOT Stream & Wetland ILF Program	REQ-005467	R-2413C / R-2309AB	NC 68 Connector	2002-20447	2011-0392					0.020
NCDOT Stream & Wetland ILF Program	REQ-007817	U-2579 / R-2247	Winston-Salem Northern Beltway	2017-02112	1998.026					0.291
NCDOT Stream & Wetland ILF Program	REQ-009594	U-2579D / U-2579E / U-2579F	Winston-Salem Northern Beltway	2017-02112	1998-0260					0.103
Remaining Balance (Released credits)							1,225.601	10.270	0.374	0.102
Remaining Balance (Unreleased credits)							6,128.002	51.350	1.869	0.520
Total Remaining Balance (Released and Unreleased credits)							7,353.603	61.620	2.243	0.622