

Mitigation Project Name	Bug Headwaters Mitigation Site	USACE Action ID	2018-01788
DMS ID	100084	DWR Permit	2018-1273
River Basin	Yadkin	Date Project Instituted	6/22/2018
Cataloging Unit	03040101	Date DRAFT Prepared	2/2/2022
County	Wilkes	Stream/Wet. Service Area	Yadkin 03040101

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	Cool Stream Credits						
Project Credits	Scheduled Releases %	Estimated Scheduled Release #	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year	Approved 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%	2,276.860	2,276.860	0.000	2,276.860	2021	10/28/2021
3 - Year 1 Monitoring	10.00%	758.954	758.954			2022	
4 - Year 2 Monitoring	10.00%	758.953				2023	
5 - Year 3 Monitoring	10.00%	758.953				2024	
6 - Year 4 Monitoring	5.00%	379.477				2025	
7 - Year 5 Monitoring	10.00%	758.953				2026	
8 - Year 6 Monitoring	5.00%	379.477				2027	
9 - Year 7 Monitoring	10.00%	758.953				2028	
Stream Bankfull Standard	10.00%	758.953				2025	
			Totals		2,276.860		

Total Gross Credits	7,589.533
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,276.860
Total Percentage Released	30.00%
Remaining Unreleased Credits	5,312.673

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cool Stream	Restoration	6,055.000
Cool Stream	Enhancement I	1,769.000
Cool Stream	Enhancement II	936.000

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Debits							Cool Stream Restoration Credits
Beginning Balance (mitigation credits)							7,589.533
Released Credits							2,276.860
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-007802	U-2579B	Winston-Salem Northern Beltway	2008-03183	2014-0090		390.000
NCDOT Stream & Wetland ILF Program	REQ-007813	U-2579 / R-2247	Winston-Salem Northern Beltway	2017-02112	1998-0260		1,316.495
NCDOT Stream & Wetland ILF Program	REQ-007815	U-2579 / R-2247	Winston-Salem Northern Beltway	2017-02112	1998-0260		428.365
NCDOT Stream & Wetland ILF Program	REQ-008001		Bridge 290 - Division 9	2019-01013			142.000
Remaining Balance (Released credits)							0.000
Remaining Balance (Unreleased credits)							5,312.673
Total Remaining Balance (Released and Unreleased credits)							5,312.673