

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 Prepared	4/17/2023
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	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	0.000	758.954	2022	8/16/2022	
4 - Year 2 Monitoring	10.00%	758.953	758.953	0.000	758.953	2023	4/17/2023	
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		3,794.767		

Total Gross Credits	7,589.533
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	3,794.767
Total Percentage Released	50.00%
Remaining Unreleased Credits	3,794.766

Notes

9/1/2021: Stream credits from this project can be utilized to satisfy cool or warm requirements.

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

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 Prepared	4/17/2023
County	Wilkes	Stream/Wet. Service Area	Yadkin 03040101

							Cool Stream Restoration Credits
Debits							
Beginning Balance (mitigation credits)							7,589.533
Released Credits							3,794.767
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
NCDOT Stream & Wetland ILF Program	REQ-009586	R-2247EB	Winston-Salem Northern Beltway	2017-02112	1998-0260		758.954
Remaining Balance (Released credits)							758.953
Remaining Balance (Unreleased credits)							3,794.766
Total Remaining Balance (Released and Unreleased credits)							4,553.719