

Mitigation Project Name	Cross Creek Ranch Site	USACE Action ID	2020-00051
DMS ID	100138	DWR Permit	2020-0016
River Basin	Yadkin	Date Project Instituted	11/18/2019
Cataloging Unit	03040104	Date Prepared	4/17/2023
County	Montgomery	Stream/Wet. Service Area	Yadkin 03040104



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	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%	2,773.053	2,773.053	0.000	2,773.053	2022	10/21/2022
3 - Year 1 Monitoring	10.00%	924.352	924.352	0.000	924.352	2023	4/17/2023
4 - Year 2 Monitoring	10.00%	924.352				2024	
5 - Year 3 Monitoring	10.00%	924.352				2025	
6 - Year 4 Monitoring	5.00%	462.176				2026	
7 - Year 5 Monitoring	10.00%	924.352				2027	
8 - Year 6 Monitoring	5.00%	462.176				2028	
9 - Year 7 Monitoring	10.00%	924.352				2029	
Stream Bankfull Standard	10.00%	924.352				2026	
				Totals	3,697.405		

Total Gross Credits	9,243.517
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	3,697.405
Total Percentage Released	40.00%
Remaining Unreleased Credits	5,546.112

Credit Release Milestone	Riparian 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%	1.460	1.460	0.000	1.460	2022	10/21/2022
3 - Year 1 Monitoring	10.00%	0.485	0.485	0.000	0.485	2023	4/17/2023
4 - Year 2 Monitoring	10.00%	0.485				2024	
5 - Year 3 Monitoring	15.00%	0.727				2025	
6 - Year 4 Monitoring	5.00%	0.242				2026	
7 - Year 5 Monitoring	15.00%	0.727				2027	
8 - Year 6 Monitoring	5.00%	0.242				2028	
9 - Year 7 Monitoring	10.00%	0.485				2029	
				Totals	1.945		

Total Gross Credits	4.853
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1.945
Total Percentage Released	40.08%
Remaining Unreleased Credits	2.908

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	7,530.000
Warm Stream	Enhancement II	5,911.000
Warm Stream	Preservation	331.000
Riparian	Restoration	4.386
Riparian	Enhancement	0.701

Debits

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							9,210.417	33.100	4.386	0.467
Released Credits							3,684.165	13.240	1.758	0.187
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-006137	R-0623	NC 24 / 27 - Troy Bypass	2004-0123	2014-0285				0.030	
NCDOT Stream & Wetland ILF Program	REQ-007919	R-2530B	NC 24 / 27 Improvements	2008-02315	2018-1416				0.967	
NCDOT Stream & Wetland ILF Program	REQ-009021		SR 1110 - Bridge 190 - Division 8	2021-01231					0.090	
Remaining Balance (Released credits)							3,684.165	13.240	0.671	0.187
Remaining Balance (Unreleased credits)							5,526.252	19.860	2.628	0.280
Total Remaining Balance (Released and Unreleased credits)							9,210.417	33.100	3.299	0.467