

Mitigation Project Name	Phantom Mill	USACE Action ID	2018-01166
DMS ID	100057	DWR Permit	2018-0796
River Basin	Cape Fear	Date Project Instituted	4/24/2018
Cataloging Unit	03030002	Date Prepared	4/18/2023
County	Alamance	Stream/Wet. Service Area	Cape Fear 03030002

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	N/A
2 - Year 0 / As-Built	30.00%	1,089.643	1,089.643	0.000	1,089.643	2022	9/6/2022	
3 - Year 1 Monitoring	10.00%	363.216	363.216	0.000	363.216	2023	4/18/2023	
4 - Year 2 Monitoring	10.00%	363.216				2024		
5 - Year 3 Monitoring	10.00%	363.216				2025		
6 - Year 4 Monitoring	5.00%	181.607				2026		
7 - Year 5 Monitoring	10.00%	363.216				2027		
8 - Year 6 Monitoring	5.00%	181.607				2028		
9 - Year 7 Monitoring	10.00%	363.216				2029		
Stream Bankfull Standard	10.00%	363.216				2026		
				Totals		1,452.859		

Total Gross Credits	3,632.153
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,452.859
Total Percentage Released	40.00%
Remaining Unreleased Credits	2,179.294

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	N/A
2 - Year 0 / As-Built	30.00%	1.243	1.243	0.000	1.243	2022	9/6/2022	
3 - Year 1 Monitoring	10.00%	0.414	0.414	0.000	0.414	2023	4/18/2023	
4 - Year 2 Monitoring	10.00%	0.414				2024		
5 - Year 3 Monitoring	15.00%	0.621				2025		
6 - Year 4 Monitoring	5.00%	0.207				2026		
7 - Year 5 Monitoring	15.00%	0.621				2027		
8 - Year 6 Monitoring	5.00%	0.207				2028		
9 - Year 7 Monitoring	10.00%	0.414				2029		
				Totals		1.657		

Total Gross Credits	4.141
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1.657
Total Percentage Released	40.01%
Remaining Unreleased Credits	2.484

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	2,984.000
Warm Stream	Enhancement I	335.000
Warm Stream	Enhancement II	666.000
Warm Stream	Preservation	669.000
Riparian	Restoration	3.727
Riparian	Enhancement	0.828

Debits

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							3,565.253	66.900	3.727	0.414
Released Credits							1,426.099	26.760	1.491	0.166
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-009521	R-5725	NC 68 / NC 150 Intersection Improvement - Division 7	2017-02400	2022-0740		342.731			
NCDOT Stream & Wetland ILF Program	REQ-009533		SR 2710 - Bridge 183 - Division 7	2019-01257	2022-0840		142.000			
NCDOT Stream & Wetland ILF Program	REQ-009609	U-6010	US 70 & University Dr Improvements - Division 7	2018-01083	2022-0758		200.000			
NCDOT Stream & Wetland ILF Program	REQ-009613		SR 3097 - Pipe - Division 7	2022-01383	2022-0839		214.000			
NCDOT Stream & Wetland ILF Program	REQ-009521	R-5725	NC 68 / NC 150 Intersection Improvement - Division 7	2017-02400	2022-0740			20.070		
NCDOT Stream & Wetland ILF Program	REQ-009720	U-5850	SR 1007 (Randleman Rd) Improvements - Division 7	2018-01951	2021-0558				0.090	
NCDOT Stream & Wetland ILF Program	REQ-009720	U-5850	SR 1007 (Randleman Rd) Improvements - Division 7	2018-01951	2021-0558					0.090
Remaining Balance (Released credits)							356.526	6.690	1.401	0.076
Remaining Balance (Unreleased credits)							2,139.154	40.140	2.236	0.248
Total Remaining Balance (Released and Unreleased credits)							2,495.680	46.830	3.637	0.324