

Mitigation Project Name	Groundhog Hollow	USACE Action ID	2018-00450
DMS ID	100049	DWR Permit	2018-0666
River Basin	Catawba	Date Project Instituted	2/7/2018
Cataloging Unit	03050101	Date Prepared	4/18/2023
County	Alexander	Stream/Wet. Service Area	Catawba 03050101

*Todd J. Smith*  
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	N/A
2 - Year 0 / As-Built	30.00%	1,228.185	1,228.185	0.000	1,228.185	2021	6/11/2021	
3 - Year 1 Monitoring	10.00%	409.395	409.395	0.000	409.395	2022	4/19/2022	
4 - Year 2 Monitoring	10.00%	409.395	409.395	0.000	409.395	2023	4/18/2023	
5 - Year 3 Monitoring	10.00%	409.395				2024		
6 - Year 4 Monitoring	5.00%	204.698				2025		
7 - Year 5 Monitoring	10.00%	409.395				2026		
8 - Year 6 Monitoring	5.00%	204.698				2027		
9 - Year 7 Monitoring	10.00%	409.395				2028		
Stream Bankfull Standard	10.00%	409.394				2025		
				Totals		2,046.975		

Total Gross Credits	4,093.950
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,046.975
Total Percentage Released	50.00%
Remaining Unreleased Credits	2,046.975

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	2,851.000
Warm Stream	Enhancement I	306.000
Warm Stream	Enhancement II	2,972.000

Mitigation Project Name	Groundhog Hollow	USACE Action ID	2018-00450
DMS ID	100049	DWR Permit	2018-0666
River Basin	Catawba	Date Project Instituted	2/7/2018
Cataloging Unit	03050101	Date Prepared	4/18/2023
County	Alexander	Stream/Wet. Service Area	Catawba 03050101

Debits

Warm Stream  
Restoration  
Credits

Beginning Balance (mitigation credits)							4,093.950
Released Credits							2,046.975
Unrealized Credits							0.000
Converted Credits							0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #	
Remaining Balance (Released credits)							2,046.975
Remaining Balance (Unreleased credits)							2,046.975
Total Remaining Balance (Released and Unreleased credits)							4,093.950