

Mitigation Project Name	Seniard Creek	USACE Action ID	2017-01571
DMS ID	100017	DWR Permit	2017-1160
River Basin	French Broad	Date Project Instituted	5/17/2017
Cataloging Unit	06010105	Date Prepared	4/17/2023
County	Henderson	Stream/Wet. Service Area	French Broad 06010105



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 bankful event performance standard has been met.

Credit Release Milestone	Cold 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%	1,165.389	1,165.389	238.680	926.709	2021	7/15/2021	
3 - Year 1 Monitoring	10.00%	388.463	388.463	0.000	388.463	2022	4/20/2022	
4 - Year 2 Monitoring	10.00%	388.463	388.463	0.000	388.463	2023	4/17/2023	
5 - Year 3 Monitoring	10.00%	388.463				2024		
6 - Year 4 Monitoring	5.00%	194.231				2025		
7 - Year 5 Monitoring	10.00%	388.463				2026		
8 - Year 6 Monitoring	5.00%	194.231				2027		
9 - Year 7 Monitoring	10.00%	388.463				2028		
Stream Bankfull Standard	10.00%	388.463				2025		
				Totals		1,703.635		

Total Gross Credits	3,884.629
Total Unrealized Credits to Date	238.680
Total Released Credits to Date	1,703.635
Total Percentage Released	43.86%
Remaining Unreleased Credits	1,942.314

Notes

7/15/2021: In the approved mitigation plan, adjustments to stream credits due to buffer width were calculated using the USACE Wilmington District Stream Buffer Credit Calculator tool, version dated 1/19/2018. As a result, the net change in stream credits from buffer width is -238.680 which DMS is tracking as "unrealized credits" for this project.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cold Stream	Restoration	3,670.000
Cold Stream	Enhancement II	1,462.000
Cold Stream	Preservation	132.000

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							Cold Stream Restoration Credits	Cold Stream Restoration Equivalent Credits
Debits								
Beginning Balance (mitigation credits)							3,871.429	13.200
Released Credits							1,697.035	6.600
Unrealized Credits							238.680	0.000
Converted Credits							0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #		
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C/D	US 19 / 23 Widening	1995-05135	1996-0470		814.749	
NCDOT Stream & Wetland ILF Program	REQ-009159		SR 1107 - Bridge 137 - Division 14	2018-01273			108.000	
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C/D	US 19 / 23 Widening	1995-05135	1996-0470		387.143	
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C/D	US 19 / 23 Widening	1995-05135	1996-0470			3.960
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C/D	US 19 / 23 Widening	1995-05135	1996-0470			1.320
Remaining Balance (Released credits)							387.143	1.320
Remaining Balance (Unreleased credits)							1,935.714	6.600
Total Remaining Balance (Released and Unreleased credits)							2,322.857	7.920