

Mitigation Project Name	Rough Horn Swamp II Restoration Site	USACE Action ID	2016-02026
DMS ID	100053	DWR Permit	2015-0903
River Basin	Lumber	Date Project Instituted	4/25/2018
Cataloging Unit	03040203	Date DRAFT Prepared	2/21/2022
County	Columbus	Stream/Wet. Service Area	Lumber 03040203

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	Warm Stream 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
2 - Year 0 / As-Built	30.00%	1,368.960	1,368.960	0.000	1,368.960	2020	5/13/2020
3 - Year 1 Monitoring	10.00%	456.320	456.320	0.000	456.320	2021	5/11/2021
4 - Year 2 Monitoring	10.00%	456.320	456.320			2022	
5 - Year 3 Monitoring	10.00%	456.320				2023	
6 - Year 4 Monitoring	5.00%	228.160				2024	
7 - Year 5 Monitoring	10.00%	456.320				2025	
8 - Year 6 Monitoring	5.00%	228.160				2026	
9 - Year 7 Monitoring	10.00%	456.320				2027	
Stream Bankfull Standard	10.00%	456.320				2024	
Totals					1,825.280		

Total Gross Credits	4,563.200
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,825.280
Total Percentage Released	40.00%
Remaining Unreleased Credits	2,737.920

Credit Release Milestone	Riparian 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
2 - Year 0 / As-Built	30.00%	6.298	6.298	0.000	6.298	2020	5/13/2020
3 - Year 1 Monitoring	10.00%	2.099	2.099	0.000	2.099	2021	5/11/2021
4 - Year 2 Monitoring	10.00%	2.099	2.099			2022	
5 - Year 3 Monitoring	15.00%	3.149				2023	
6 - Year 4 Monitoring	5.00%	1.050				2024	
7 - Year 5 Monitoring	15.00%	3.149				2025	
8 - Year 6 Monitoring	5.00%	1.050				2026	
9 - Year 7 Monitoring	10.00%	2.099				2027	
Stream Bankfull Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Totals					8.397		

Total Gross Credits	20.993
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	8.397
Total Percentage Released	40.00%

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Remaining Unreleased Credits	12.596
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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	4,446.000
Warm Stream	Enhancement II	164.000
Warm Stream	Preservation	516.000
Riparian	Restoration	17.079
Riparian	Enhancement	5.956
Riparian	Preservation	15.319

Debits

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							4,511.600	51.600	17.079	3.914
Released Credits							1,804.640	20.640	6.831	1.566
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-009130	R-5709	NC 211 Widening	2018-02283	2021-1043		876.300			
NCDOT Stream & Wetland ILF Program	REQ-009130	R-5709	NC 211 Widening	2018-02283	2021-1043			20.640		
Statewide Stream & Wetland ILF Program	REQ-005514		PNG Sutton	2010-01309	2011-0855				0.555	
Statewide Stream & Wetland ILF Program	REQ-005686		Bojangles' Lumberton	2012-00771	2012-0727 v3				0.966	
Statewide Stream & Wetland ILF Program	REQ-005932		Mid South Club	2007-00490	2007-0128				0.340	
Statewide Stream & Wetland ILF Program	REQ-006389		PNG Line 34 Replacement Project	2014-02235	2015-0507				0.359	
NCDOT Stream & Wetland ILF Program	REQ-006688		SR 1504 - Bridge 175 - Division 6	2016-02399					0.040	
NCDOT Stream & Wetland ILF Program	REQ-006702		SR 1005 - Bridge 230126 - Division 6	2017-00317					0.040	
NCDOT Stream & Wetland ILF Program	REQ-006741		SR 1112 - Bridge 19 - Division 8	2017-00450					0.080	
NCDOT Stream & Wetland ILF Program	REQ-007172	P-4900	Rail - Pembroke Connector	2006-33096	2015-0068				0.407	
NCDOT Stream & Wetland ILF Program	REQ-007370	P-4900	Rail - Pembroke Connector	2006-33096	2015-0068				0.050	

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NCDOT Stream & Wetland ILF Program	REQ-008952	R-5797	US 74 / SR 1506 Interchange - Division	2018-00552	2020-1516				0.190	
NCDOT Stream & Wetland ILF Program	REQ-009132	R-5709	NC 211 Widening	2018-02283	2021-1043				1.260	
NCDOT Stream & Wetland ILF Program	REQ-007370	P-4900	Rail - Pembroke Connector	2006-33096	2015-0068				0.050	
NCDOT Stream & Wetland ILF Program	REQ-008952	R-5797	US 74 / SR 1506 Interchange - Division	2018-00552	2020-1516				0.190	
NCDOT Stream & Wetland ILF Program	REQ-009132	R-5709	NC 211 Widening	2018-02283	2021-1043				4.260	
Remaining Balance (Released credits)							928.340	0.000	2.544	0.066
Remaining Balance (Unreleased credits)							2,706.960	30.960	10.248	2.348
Total Remaining Balance (Released and Unreleased credits)							3,635.300	30.960	12.792	2.414