

Mitigation Project Name	Henry Fork Stream and Wetland Mitigation Project	USACE Action ID	2014-00538
DMS ID	96306	DWR Permit	2014-0193
River Basin	Catawba	Date Project Instituted	2/15/2014
Cataloging Unit	03050102	Date DRAFT Prepared	2/2/2022
County	Catawba	Stream/Wet. Service Area	Catawba 03050102

Signature of Official Approving Credit Release

- 1 - For NCDMS, no credits are released during the first milestone
2 - For NCDMS projects, the initial credit release milestone occurs automatically when the as-built report (baseline monitoring report) has been made available to the IRT by posting it to the DMS portal, provided the following have been met:
1) Approved 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	Cool 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%	1,451.500	1,451.500	0.000	1,451.500	2016	6/24/2016
3 - Year 1 Monitoring	10.00%	480.767	480.767	9.200	471.567	2017	10/20/2017
4 - Year 2 Monitoring	10.00%	480.767	480.767	0.000	480.767	2018	4/25/2018
5 - Year 3 Monitoring	10.00%	480.767	480.767	0.000	480.767	2019	4/26/2019
6 - Year 4 Monitoring	5.00%	240.383	240.383	0.000	240.383	2020	4/20/2020
7 - Year 5 Monitoring	10.00%	480.767	480.767	0.000	480.767	2021	5/10/2021
8 - Year 6 Monitoring	5.00%	240.382	240.382			2022	
9 - Year 7 Monitoring	10.00%	480.767				2023	
Stream Bankfull Standard	10.00%	480.767	480.767	0.000	480.767	2018	4/25/2018
Totals					4,086.518		

Total Gross Credits	4,807.667
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	4,086.518
Total Percentage Released	85.00%
Remaining Unreleased Credits	721.149

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%	1.265	1.265	0.000	1.265	2016	6/24/2016
3 - Year 1 Monitoring	10.00%	0.422	0.422	0.000	0.422	2017	10/20/2017
4 - Year 2 Monitoring	10.00%	0.422	0.422	0.000	0.422	2018	4/25/2018
5 - Year 3 Monitoring	15.00%	0.633	0.633	0.000	0.633	2019	4/26/2019
6 - Year 4 Monitoring	5.00%	0.211	0.211	0.000	0.211	2020	4/20/2020
7 - Year 5 Monitoring	15.00%	0.633	0.633	0.000	0.633	2021	5/10/2021
8 - Year 6 Monitoring	5.00%	0.211	0.211			2022	
9 - Year 7 Monitoring	10.00%	0.425				2023	
Totals					3.586		

Total Gross Credits	4.222
Total Unrealized Credits to Date	0.000

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Total Released Credits to Date	3.586
Total Percentage Released	84.94%
Remaining Unreleased Credits	0.636

Notes

10/17/2017: Adjustment required due to IRT concerns on how the as-built credits were calculated.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cool Stream	Restoration	3,057.000
Cool Stream	Enhancement I	2,626.000
Riparian	Restoration	3.965
Riparian	Enhancement	0.681

Debits

							Cool Stream Restoration Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							4,807.667	3.880	0.342
Released Credits							4,086.518	3.297	0.289
Unrealized Credits							0.000	0.000	0.000
Converted Credits							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-006006		SR 1922 - Bridge 119 - Division 13	2014-00081			124.000		
NCDOT Stream & Wetland ILF Program	REQ-007286	B-5398	Bridge 21 on SR 1803	2016-01344			62.000		
Statewide Stream & Wetland ILF Program	REQ-003097		US 521 Landfill (Foxhole)	2005-31884	2005-0893			0.608	
Statewide Stream & Wetland ILF Program	REQ-003097		US 521 Landfill (Foxhole)	2005-31884	2005-0893			0.223	
Statewide Stream & Wetland ILF Program	REQ-003097		US 521 Landfill (Foxhole)	2005-31884	2005-0893			0.472	
Statewide Stream & Wetland ILF Program	REQ-003217		Bromley	2006-41599-390	2006-1849			0.039	

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Statewide Stream & Wetland ILF Program	REQ-003783		Midwood Phase II (Firth Court Redevelopment)	2005-30123	2004-1615			0.345		
Statewide Stream & Wetland ILF Program	REQ-004107		Johnston Road Widening/Ballentine Road	2000-30479	2000-0162			0.110		
Statewide Stream & Wetland ILF Program	REQ-005039		Wilkinson Blvd Parking Decks	2009-03090	2000-1195			0.031		
Statewide Stream & Wetland ILF Program	REQ-005039		Wilkinson Blvd Parking Decks	2009-03090	2000-1195			1.014		
Statewide Stream & Wetland ILF Program	REQ-005039		Wilkinson Blvd Parking Decks	2009-03090	2000-1195			0.345		
Statewide Stream & Wetland ILF Program	REQ-002836		Flat Branch Elementary School	2004-30773	2005-2162			0.110		
Statewide Stream & Wetland ILF Program	REQ-003217		Bromley	2006-41599-390	2006-1849				0.013	
Statewide Stream & Wetland ILF Program	REQ-004107		Johnston Road Widening/Ballentine Road	2000-30479	2000-0162				0.100	
Statewide Stream & Wetland ILF Program	REQ-005039		Wilkinson Blvd Parking Decks	2009-03090	2000-1195				0.034	
Statewide Stream & Wetland ILF Program	REQ-005075		Silverlanding	2009-00940	2009-0544				0.038	
Statewide Stream & Wetland ILF Program	REQ-005075		Silverlanding	2009-00940	2009-0544				0.036	
Statewide Stream & Wetland ILF Program	REQ-006248		Orr Road Extension	2014-00280	2014-1294				0.017	
Statewide Stream & Wetland ILF Program	REQ-006248		Orr Road Extension	2014-00280	2014-1294				0.051	
Remaining Balance (Released credits)								3,900.518	0.000	0.000
Remaining Balance (Unreleased credits)								721.149	0.583	0.053
Total Remaining Balance (Released and Unreleased credits)								4,621.667	0.583	0.053