

Mitigation Project Name	Deep Meadow Mitigation Site	USACE Action ID	2012-01107
DMS ID	97131	DWR Permit	2018-0264
River Basin	Yadkin	Date Project Instituted	5/3/2016
Cataloging Unit	03040105	Date Prepared	4/17/2023
County	Union	Stream/Wet. Service Area	Yadkin 03040105



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						
	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%	851.680	851.680	0.000	851.680	2020	4/24/2020
3 - Year 1 Monitoring	10.00%	283.893	283.893	0.000	283.893	2021	5/10/2021
4 - Year 2 Monitoring	10.00%	283.893	283.893	0.000	283.893	2022	5/11/2022
5 - Year 3 Monitoring	10.00%	283.893	283.893	0.000	283.893	2023	4/17/2023
6 - Year 4 Monitoring	5.00%	141.947				2024	
7 - Year 5 Monitoring	10.00%	283.893				2025	
8 - Year 6 Monitoring	5.00%	141.947				2026	
9 - Year 7 Monitoring	10.00%	283.893				2027	
Stream Bankfull Standard	10.00%	283.894				2024	
			Totals		1,703.359		

Total Gross Credits	2,838.933
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,703.359
Total Percentage Released	60.00%
Remaining Unreleased Credits	1,135.574

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%	2.576	2.576	0.000	2.576	2020	4/24/2020
3 - Year 1 Monitoring	10.00%	0.859	0.859	0.000	0.859	2021	5/10/2021
4 - Year 2 Monitoring	10.00%	0.859	0.859	0.000	0.859	2022	5/11/2022
5 - Year 3 Monitoring	15.00%	1.288	0.000	1.288	0.000	2023	4/17/2023
6 - Year 4 Monitoring	5.00%	0.429				2024	
7 - Year 5 Monitoring	15.00%	1.288				2025	
8 - Year 6 Monitoring	5.00%	0.429				2026	
9 - Year 7 Monitoring	10.00%	0.859				2027	
			Totals		4.294		

Total Gross Credits	8.587
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	4.294
Total Percentage Released	50.01%
Remaining Unreleased Credits	4.293

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Notes

01/03/2023: Due to inconsistent groundwater gauge results during monitoring years 1 - 3, DMS is not requesting a release of riparian wetland credits.

4/17/2023: The IRT concurred with the assessment of the riparian wetland mitigation credits and no wetland credits were approved for release.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	1,780.000
Warm Stream	Enhancement I	116.000
Warm Stream	Enhancement II	2,449.000
Warm Stream	Preservation	20.000
Riparian	Restoration	8.780

Debits

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits
Beginning Balance (mitigation credits)							2,836.933	2.000	8.587
Released Credits							1,702.159	1.200	4.294
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 #			
Statewide Stream & Wetland ILF Program	REQ-004554		Lowes Motor Speedway Hospitality and Souvenir	2008-1074-313	2007-1851		175.701		
Statewide Stream & Wetland ILF Program	REQ-005042		North Belgate Multi Family Residential	2008-03339	2008-1866		236.000		
Statewide Stream & Wetland ILF Program	REQ-005090		Bexley Village at Concord Mills	2009-0089	2008-1796		78.882		
Statewide Stream & Wetland ILF Program	REQ-005590		Senator Royall Mixed Use Development	2012-01133	2012-0540		346.000		
Statewide Stream & Wetland ILF Program	REQ-005771		Hendrick Concord Autoplaza	2010-01615	2013-0234		14.497		
Statewide Stream & Wetland ILF Program	REQ-006618		Grantham SD Ph. 1-4	2016-01341	2016-0689		283.693		
Statewide Stream & Wetland ILF Program	REQ-006677	U-4910	Derita Road Widening	2011-01493	2014-1721		283.693		
Statewide Stream & Wetland ILF Program	REQ-006618		Grantham SD Ph. 1-4	2016-01341	2016-0689			0.800	
Statewide Stream & Wetland ILF Program	REQ-006677	U-4910	Derita Road Widening	2011-01493	2014-1721			0.200	
Statewide Stream & Wetland ILF Program	REQ-004346		Eastfield Village & Prosperity Village Connector	2002-30752, 2002-31309	2002-1411				0.469

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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 #			
Statewide Stream & Wetland ILF Program	REQ-005091		Bexley Village at Concord Mills	2009-00089	2008-1796				0.355
Statewide Stream & Wetland ILF Program	REQ-005091		Bexley Village at Concord Mills	2009-00089	2008-1796				0.775
Statewide Stream & Wetland ILF Program	REQ-005238		CMS Landfill	2009-00479	1990-0355				1.202
Statewide Stream & Wetland ILF Program	REQ-005772		Hendrick Concord Autoplaza	2010-01615	2013-0234				0.480
Statewide Stream & Wetland ILF Program	REQ-005777		Brookdale Commons Subdivision	2013-00866	2013-0331				0.024
Statewide Stream & Wetland ILF Program	REQ-005603		PNG Line 170 Project	2012-00298	2012-0072				0.145
Statewide Stream & Wetland ILF Program	REQ-005653		Southside at Cannon Crossing	2012-01812	2012-0902				0.360
Statewide Stream & Wetland ILF Program	REQ-005659		University House	2012-01460	2012-1066				0.302
Statewide Stream & Wetland ILF Program	REQ-005691		Johnston-Oehler Road Widening	2013-00211	2013-0091				0.130
Statewide Stream & Wetland ILF Program	REQ-005777		Brookdale Commons Subdivision	2013-00866	2013-0331				0.052
Remaining Balance (Released credits)							283.693	0.200	0.000
Remaining Balance (Unreleased credits)							1,134.774	0.800	4.293
Total Remaining Balance (Released and Unreleased credits)							1,418.467	1.000	4.293