

Mitigation Project Name	Russell Gap	USACE Action ID	2015-00826
DMS ID	100003	DWR Permit	2015-0416
River Basin	Catawba	Date Project Instituted	9/15/2016
Cataloging Unit	03050101	Date Prepared	4/19/2023
County	Alexander	Stream/Wet. Service Area	Catawba 03050101

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%	2,750.085	2,750.085	0.000	2,750.085	2020	9/14/2020
3 - Year 1 Monitoring	10.00%	916.695	916.695	0.000	916.695	2021	5/11/2021
4 - Year 2 Monitoring	10.00%	916.696	916.695	0.000	916.696	2022	4/19/2022
5 - Year 3 Monitoring	10.00%	916.693	916.693	0.000	916.693	2023	4/19/2023
6 - Year 4 Monitoring	5.00%	458.348				2024	
7 - Year 5 Monitoring	10.00%	916.696				2025	
8 - Year 6 Monitoring	5.00%	458.348				2026	
9 - Year 7 Monitoring	10.00%	916.696				2027	
Stream Bankfull Standard	10.00%	916.692				2024	
			Totals		5,500.169		

Total Gross Credits	9,166.949
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	5,500.169
Total Percentage Released	60.00%
Remaining Unreleased Credits	3,666.780

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%	2.116	2.116	0.000	2.116	2020	9/14/2020
3 - Year 1 Monitoring	10.00%	0.705	0.705	0.000	0.705	2021	5/11/2021
4 - Year 2 Monitoring	10.00%	0.705	0.705	0.000	0.705	2022	4/19/2022
5 - Year 3 Monitoring	15.00%	1.058	1.058	0.000	1.058	2023	4/19/2023
6 - Year 4 Monitoring	5.00%	0.353				2024	
7 - Year 5 Monitoring	15.00%	1.057				2025	
8 - Year 6 Monitoring	5.00%	0.353				2026	
9 - Year 7 Monitoring	10.00%	0.706				2027	
			Totals		4.584		

Total Gross Credits	7.053
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	4.584
Total Percentage Released	64.99%
Remaining Unreleased Credits	2.469

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	4,693.740
Warm Stream	Enhancement I	4,895.060
Warm Stream	Enhancement II	2,930.560
Riparian	Restoration	6.773
Riparian	Enhancement	0.559

Debits

							Warm Stream Restoration Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							9,166.949	6.773	0.280
Released Credits							5,500.169	4.403	0.181
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-002943		Charlotte Douglas Airport Third Parallel Runway	2006-32521-360	2000-1195		2,018.084		
Statewide Stream & Wetland ILF Program	REQ-003353		Lakeview Road Site	2007-1932-390	2007-0936		200.001		
Statewide Stream & Wetland ILF Program	REQ-003477		Ashleigh Drive Commercial Center	2007-02662-349	2007-1376		300.000		
Statewide Stream & Wetland ILF Program	REQ-004589		Cornerstone Subdivision	2008--2067	2008-0887		232.000		
Statewide Stream & Wetland ILF Program	REQ-002943		Charlotte Douglas Airport Third Parallel Runway	2006-32521-360	2000-1195		231.556		
Statewide Stream & Wetland ILF Program	REQ-005306		Siemens GT Plant	2010-01302	2010-1015		168.000		
Statewide Stream & Wetland ILF Program	REQ-005320		Linville Dam ESSI Project	2008-02753	2008-0915		143.000		
Statewide Stream & Wetland ILF Program	REQ-005638		Kinmere Village	2012-01798	2001-0368		60.000		
Statewide Stream & Wetland ILF Program	REQ-005666		Lincoln County Regional Airport Runway Safety Improvements	2012-00848	2012-0460		214.139		
Statewide Stream & Wetland ILF Program	REQ-005676		Villages of Denver		NOV-2012-PC-0156		100.000		
Statewide Stream & Wetland ILF Program	REQ-005666		Lincoln County Regional Airport Runway Safety Improvements	2012-00848	2012-0460		916.696		

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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-005558		Austin's Creek	2012-01031	2008-1190			0.020	
Statewide Stream & Wetland ILF Program	REQ-005655		Regency at the Palisades Phase 1	2012-01839	2012-0901			0.347	
Statewide Stream & Wetland ILF Program	REQ-005899		PNG- Messer Road Line 294 Extension	2013-01426	2013-0719			0.134	
Statewide Stream & Wetland ILF Program	REQ-005940		PNG Lenoir	2013-01758	2013-0958			0.105	
Statewide Stream & Wetland ILF Program	REQ-006245		Mooresville Golf Course Renovations	2014-02329	2014-1298			0.986	
Statewide Stream & Wetland ILF Program	REQ-006258		PNG Charlotte Gasline 402	2014-01232	2015-0063			0.440	
Statewide Stream & Wetland ILF Program	REQ-07657		Advanced Drainage Systems Yard Expansion	2018-00222	2018-1290			0.306	
Statewide Stream & Wetland ILF Program	REQ-007690		Marshall Steam Station Stormwater Redirection Project	2015-01412	2017-0149			0.135	
Statewide Stream & Wetland ILF Program	REQ-007764		6801 and 6901 Old Mt. Holly Road	2018-01635	2018-1583			0.218	
Statewide Stream & Wetland ILF Program	REQ-007866		Lanier	2018-02253	2019-0257			0.018	
Statewide Stream & Wetland ILF Program	REQ-007764		6801 and 6901 Old Mt. Holly Road	2018-01635	2018-1583			0.153	
Statewide Stream & Wetland ILF Program	REQ-007788		Lookout Shoals ESSI	2014-00699	2018-0364			0.524	
Statewide Stream & Wetland ILF Program	REQ-005655		Regency at the Palisades Phase 1	2012-01839	2012-0901				0.084
Statewide Stream & Wetland ILF Program	REQ-007657		Advanced Drainage Systems Yard Expansion	2018-0222	2018-1290				0.010
Statewide Stream & Wetland ILF Program	REQ-007866		Lanier	2018-02253	2019-0257				0.018
Statewide Stream & Wetland ILF Program	REQ-007764		6801 and 6901 Old Mt. Holly Road	2018-01635	2018-1583				0.028
Remaining Balance (Released credits)							916.693	1.017	0.041
Remaining Balance (Unreleased credits)							3,666.780	2.370	0.099
Total Remaining Balance (Released and Unreleased credits)							4,583.473	3.387	0.140