

Mitigation Project Name	Heron Stream & Wetland Mitigation Site	USACE Action ID	2017-01471
DMS ID	100014	DWR Permit	2017-0920
River Basin	Cape Fear	Date Project Instituted	5/22/2017
Cataloging Unit	03030002	Date DRAFT Prepared	1/3/2022
County	Alamance	Stream/Wet. Service Area	Cape Fear 03030002

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						
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
2 - Year 0 / As-Built	30.00%	1,588.000	1,588.000	0.000	1,588.000	2019	6/3/2019
3 - Year 1 Monitoring	10.00%	529.333	529.333	0.000	529.333	2020	4/20/2020
4 - Year 2 Monitoring	10.00%	529.333	529.333	0.000	529.333	2021	5/12/2021
5 - Year 3 Monitoring	10.00%	529.334	529.334			2022	
6 - Year 4 Monitoring	5.00%	264.666				2023	
7 - Year 5 Monitoring	10.00%	529.334				2024	
8 - Year 6 Monitoring	5.00%	264.666				2025	
9 - Year 7 Monitoring	10.00%	529.334				2026	
Stream Bankfull Standard	10.00%	529.334				2023	
			Totals		2,646.666		

Total Gross Credits	5,293.334
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,646.666
Total Percentage Released	50.00%
Remaining Unreleased Credits	2,646.668

Credit Release Milestone	Riparian 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
2 - Year 0 / As-Built	30.00%	0.197	0.197	0.000	0.197	2019	6/3/2019
3 - Year 1 Monitoring	10.00%	0.065	0.065	0.000	0.065	2020	4/20/2020
4 - Year 2 Monitoring	10.00%	0.066	0.066	0.000	0.066	2021	5/12/2021
5 - Year 3 Monitoring	15.00%	0.097	0.097			2022	
6 - Year 4 Monitoring	5.00%	0.033				2023	
7 - Year 5 Monitoring	15.00%	0.098				2024	
8 - Year 6 Monitoring	5.00%	0.033				2025	
9 - Year 7 Monitoring	10.00%	0.066				2026	
Stream Bankfull Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Totals		0.328		

Total Gross Credits	0.655
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	0.328

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Total Percentage Released	50.08%
Remaining Unreleased Credits	0.327

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	4,068.000
Warm Stream	Enhancement I	1,184.000
Warm Stream	Enhancement II	1,090.000
Riparian	Restoration	0.350
Riparian	Enhancement	0.610

Debits

							Warm Stream Restoration Credits	Riparian Restoration	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							5,293.334	0.350	0.305
Released Credits							2,646.666	0.175	0.153
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-002700		Green Hope Crossing SD	2014-00268	2014-0059		17.862		
Statewide Stream & Wetland ILF Program	REQ-003319		East Alamance Quarry	2005-21057-201	2005-0688		256.966		
Statewide Stream & Wetland ILF Program	REQ-003343		Lake Townsend Dam Replacement	2007-00895-241	2007-0410		1.849		
Statewide Stream & Wetland ILF Program	REQ-004409	U-2524BA / U-2524BB	DOT - Greensboro Western Loop	2002-21216	2001-1318		55.789		
Statewide Stream & Wetland ILF Program	REQ-005559		Legend Oaks Lots 3-5	2009-00106	2005-1986		2.930		
Statewide Stream & Wetland ILF Program	REQ-006376		Greenmoor Subdivision	2013-00656	2015-0609		273.000		
Statewide Stream & Wetland ILF Program	REQ-006404		Brickhaven and Sanford Mines	2014-02254	2015-0041		979.604		
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Statewide Stream & Wetland ILF Program	REQ-006521		Sweetwater Subdivision	2014-02171	2016-0243		290.000		
Statewide Stream & Wetland ILF Program	REQ-006521		Sweetwater Subdivision	2014-02171	2016-0243		239.333		
Statewide Stream & Wetland ILF Program	REQ-003605		Villages at Reedy Fork	2003-20436	2003-0056			0.099	
Statewide Stream & Wetland ILF Program	REQ-004030	I-2402A / I-2402B / I-2402D	DOT - I-85 Greensboro Bypass	1995-02886	1998-0349			0.005	
Statewide Stream & Wetland ILF Program	REQ-004030	I-2402A / I-2402B / I-2402D	DOT - I-85 Greensboro Bypass	1995-02886	1998-0349			0.035	
Statewide Stream & Wetland ILF Program	REQ-004030	I-2402A / I-2402B / I-2402D	DOT - I-85 Greensboro Bypass	1995-02886	1998-0349			0.035	
Statewide Stream & Wetland ILF Program	REQ-004098	U-2406	DOT - Elon College Bypass	1995-01526	1999-0930			0.001	
Statewide Stream & Wetland ILF Program	REQ-004030	I-2402A / I-2402B / I-2402D	DOT - I-85 Greensboro Bypass	1995-02886	1998-0349				0.092
Statewide Stream & Wetland ILF Program	REQ-004030	I-2402A / I-2402B / I-2402D	DOT - I-85 Greensboro Bypass	1995-02886	1998-0349				0.030
Statewide Stream & Wetland ILF Program	REQ-004030	I-2402A / I-2402B / I-2402D	DOT - I-85 Greensboro Bypass	1995-02886	1998-0349				0.031
Remaining Balance (Released credits)							0.000	0.000	0.000
Remaining Balance (Unreleased credits)							2,646.668	0.175	0.152
Total Remaining Balance (Released and Unreleased credits)							2,646.668	0.175	0.152