

Mitigation Project Name	Cedar Creek	USACE Action ID	2013-00389
DMS ID	95718	DWR Permit	2013-0186
River Basin	Cape Fear	Date Project Instituted	12/14/2012
Cataloging Unit	03030006	Date DRAFT Prepared	2/14/2022
County	Sampson	Stream/Wet. Service Area	Cape Fear 03030006

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	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%	1,568.980	1,582.780	0.000	1,582.780	2016	2/16/2016
3 - Year 1 Monitoring	10.00%	522.993	527.593	0.000	527.593	2016	4/25/2016
4 - Year 2 Monitoring	10.00%	522.993	522.993	18.400	504.593	2017	8/8/2017
5 - Year 3 Monitoring	10.00%	522.993	522.993	522.993	0.000	2018	5/22/2018
6 - Year 4 Monitoring	5.00%	261.497	784.490	0.000	784.490	2019	4/26/2019
7 - Year 5 Monitoring	10.00%	522.993	522.993	0.000	522.993	2020	4/21/2020
8 - Year 6 Monitoring	5.00%	261.497	261.497	0.000	261.497	2021	5/19/2021
9 - Year 7 Monitoring	10.00%	522.995	522.995	0.000	522.995	2022	2/14/2022
Stream Bankfull Standard	10.00%	522.993	522.993	0.000	522.993	2019	4/26/2019
			Totals		5,229.934		

Total Gross Credits	5,229.934
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	5,229.934
Total Percentage Released	100.00%
Remaining Unreleased Credits	0.000

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%	3.930	4.116	0.000	4.116	2016	2/19/2016
3 - Year 1 Monitoring	10.00%	1.310	1.372	0.000	1.372	2016	4/25/2016
4 - Year 2 Monitoring	10.00%	1.310	1.310	0.248	1.062	2017	8/8/2017
5 - Year 3 Monitoring	10.00%	1.310	1.310	1.310	0.000	2018	5/22/2018
6 - Year 4 Monitoring	10.00%	1.310	2.620	0.000	2.620	2019	4/26/2019
7 - Year 5 Monitoring	10.00%	1.310	1.310	0.000	1.310	2020	4/21/2020
8 - Year 6 Monitoring	10.00%	1.310	0.110	0.000	1.310	2021	5/19/2021
9 - Year 7 Monitoring	10.00%	1.310	0.980	0.330	0.980	2022	2/14/2022
			Totals		12.770		

Total Gross Credits	13.100
Total Unrealized Credits to Date	0.330
Total Released Credits to Date	12.770

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Total Percentage Released	97.48%
Remaining Unreleased Credits	0.000

Notes

8/8/2017: Adjustment required due to IRT concerns on how the as-built credits were calculated.

5/22/2018: Due to concerns expressed by the IRT, no stream or wetland credits were released from this site for the 2017 monitoring cycle.

4/26/2019: DMS requested the stream and wetland credits from monitoring year 3 and 4 be released. IRT approved release of the credits.

2/22/2021: DMS has concerns regarding one of the monitoring gauges and has marked 1.20 wetland credits as "at risk". Due to this, DMS is requesting a release of 0.110 wetland credits instead of the 1.310 scheduled for this year. **UPDATE 5/19/2021:** At the site visit, the IRT believes the wetland at-risk area is much smaller than reported and was satisfied with the progress of the site. The IRT approved the full 10% scheduled wetland credit release and the stream credits as proposed.

2/4/2022: DMS is proposing this site for close out and requests the release of the remaining 10% stream credits and at least 0.980 of the remaining riparian wetland credits. There are 0.330 riparian wetland credits listed "at risk" which will be evaluated by the IRT at the field visit.

2/14/2022: Site visit held with IRT for closeout. IRT approved close out of the site with 0.330 riparian wetland credits not approved for release.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	2,943.000
Warm Stream	Enhancement I	680.000
Warm Stream	Enhancement II	4,584.000
Riparian	Restoration	13.100

Debits

							Warm Stream Restoration Credits	Riparian Restoration Credits
Beginning Balance (mitigation credits)							5,229.934	13.100
Released Credits							5,229.934	12.770
Unrealized Credits							0.000	0.000
Converted Credits							0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #		
NCDOT Stream & Wetland ILF Program	REQ-005840	R-2303C	NC 24 Improvements - Section C	1992-03237	2012-0240		896.700	
NCDOT Stream & Wetland ILF Program	REQ-005840	R-2303C	NC 24 Improvements - Section C	1992-03237	2012-0240		136.000	
NCDOT Stream & Wetland ILF Program	REQ-005840	R-2303C	NC 24 Improvements - Section C	1992-03237	2012-0240		415.600	
NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		134.480	
NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		298.900	
NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		45.330	

Mitigation Project Name Cedar Creek
DMS ID 95718
River Basin Cape Fear
Cataloging Unit 03030006
County Sampson

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DWR Permit 2013-0186
Date Project Instituted 12/14/2012
Date DRAFT Prepared 2/14/2022
Stream/Wet. Service Area Cape Fear 03030006

NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		183.360	
NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		275.900	
NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		45.330	
NCDOT Stream & Wetland ILF Program	REQ-005843	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240		183.360	
NCDOT Stream & Wetland ILF Program	REQ-008169	I-5877	I-5877 - I-95 Improvements	2018-02276	2019-0214		1,208.000	
NCDOT Stream & Wetland ILF Program	REQ-008243	R-2303E	NC 24 Improvements - Section E	1992-03237	2012-0240		99.489	
NCDOT Stream & Wetland ILF Program	REQ-008243	R-2303E	NC 24 Improvements - Section E	1992-03237	2012-0240		522.993	
NCDOT Stream & Wetland ILF Program	REQ-005841	R-2303C	NC 24 Improvements - Section C	1992-03237	2012-0240			4.120
NCDOT Stream & Wetland ILF Program	REQ-005844	R-2303D	NC 24 Improvements - Section D	1992-03237	2012-0240			1.370
Statewide Stream & Wetland ILF Program	REQ-006784		PNG Line 22 Pipeline Replacement	2017-00953	2017-0295			0.190
NCDOT Stream & Wetland ILF Program	REQ-008171	I-5877	I-5877 - I-95 Improvements	2018-02276	2019-0214			1.100
NCDOT Stream & Wetland ILF Program	REQ-008245	R-2303E	NC 24 Improvements - Section E	1992-03237	2012-0240			1.800
NCDOT Stream & Wetland ILF Program	REQ-008799	I-5986A	I-5986A - I-95 Improvements	2018-02276	2019-0214			1.196
Remaining Balance (Released credits)							261.497	1.684
Remaining Balance (Unreleased credits)							522.995	1.310
Total Remaining Balance (Released and Unreleased credits)							784.492	2.994