

Mitigation Project Name	Best Site	USACE Action ID	2012-01384
DMS ID	95353	DWR Permit	2013-0865
River Basin	Cape Fear	Date Project Instituted	8/1/2012
Cataloging Unit	03030007	Date DRAFT Prepared	3/22/2022
County	Duplin	Stream/Wet. Service Area	Cape Fear 03030007

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%	3,063.860	3,053.360	0.000	3,053.360	2016	2/19/2016
3 - Year 1 Monitoring	10.00%	1,021.287	1,017.787	0.000	1,017.787	2016	4/25/2016
4 - Year 2 Monitoring	10.00%	1,021.287	1,017.787	0.000	1,017.787	2017	10/20/2017
5 - Year 3 Monitoring	10.00%	1,021.287	1,017.787	12.000	1,038.787	2018	4/25/2018
6 - Year 4 Monitoring	5.00%	510.643	510.643	0.000	510.643	2019	4/26/2019
7 - Year 5 Monitoring	10.00%	1,021.287	1,021.287	0.000	1,021.287	2020	4/21/2020
8 - Year 6 Monitoring	5.00%	510.643	510.643	0.000	510.643	2021	5/12/2021
9 - Year 7 Monitoring	10.00%	1,021.286	1,021.286			2022	
Stream Bankfull Standard	10.00%	1,021.287	1,021.287	0.000	1,021.287	2017	10/20/2017
			Totals		9,191.581		

Total Gross Credits	10,212.867
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	9,191.581
Total Percentage Released	90.00%
Remaining Unreleased Credits	1,021.286

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%	1.536	1.575	0.000	1.575	2016	2/19/2016
3 - Year 1 Monitoring	10.00%	0.512	0.525	0.000	0.525	2016	4/25/2016
4 - Year 2 Monitoring	10.00%	0.512	0.525	0.000	0.525	2017	10/20/2017
5 - Year 3 Monitoring	15.00%	0.768	0.788	0.085	0.703	2018	4/25/2018
6 - Year 4 Monitoring	5.00%	0.256	0.256	0.000	0.256	2019	4/26/2019
7 - Year 5 Monitoring	15.00%	0.768	0.768	0.000	0.768	2020	4/21/2020
8 - Year 6 Monitoring	5.00%	0.256	0.000	0.256	0.000	2021	5/12/2021
9 - Year 7 Monitoring	10.00%	0.512	0.768			2022	
			Totals		4.352		

Total Gross Credits	5.120
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	4.352
Total Percentage Released	85.00%
Remaining Unreleased Credits	0.768

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Notes

4/25/2018: Adjustment required due to IRT concerns on how the as-built credits were calculated.

2/12/2021: Due to previously identified wetland credits at risk, DMS is not proposing a release of wetland credits this year. The wetland credits will be reviewed at the anticipated project close out in 2022.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	5,003.000
Warm Stream	Enhancement I	1,363.000
Warm Stream	Enhancement II	812.000
Warm Stream	Preservation	19,882.000
Riparian	Restoration	5.120

Debits

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration
Beginning Balance (mitigation credits)							6,236.467	3,976.400	5.120
Released Credits							5,612.821	3,578.760	4.352
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-006847	U-4751	Military Cutoff Extension	2007-01386	2016-1268		2,009.200		
NCDOT Stream & Wetland ILF Program	REQ-006847	U-4751	Military Cutoff Extension	2007-01386	2016-1268		112.800		
NCDOT Stream & Wetland ILF Program	REQ-006847	U-4751	Military Cutoff Extension	2007-01386	2016-1268			919.000	
NCDOT Stream & Wetland ILF Program	REQ-008601	R-3300B	R-3300B - Hampstead Bypass	2007-01386	2016-1268			2,460.940	
NCDOT Stream & Wetland ILF Program	REQ-008606	R-3300B	R-3300B - Hampstead Bypass	2007-01386	2016-1268				2.138
Remaining Balance (Released credits)							3,490.821	198.820	2.214
Remaining Balance (Unreleased credits)							623.646	397.640	0.768
Total Remaining Balance (Released and Unreleased credits)							4,114.467	596.460	2.982