

Mitigation Project Name	Warren Wilson College	USACE Action ID	2017-01557
DMS ID	100019	DWR Permit	2017-1158
River Basin	French Broad	Date Project Instituted	5/22/2017
Cataloging Unit	06010105	Date Prepared	4/18/2023
County	Buncombe	Stream/Wet. Service Area	French Broad 06010105


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	Cold 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%	3,015.280	3,015.280	0.000	3,015.280	2020	10/1/2020
3 - Year 1 Monitoring	10.00%	1,005.093	1,005.093	0.000	1,005.093	2021	5/12/2021
4 - Year 2 Monitoring	10.00%	1,005.093	1,005.093	0.000	1,005.093	2022	4/20/2022
5 - Year 3 Monitoring	10.00%	1,005.093	1,005.093	0.000	1,005.093	2023	4/18/2023
6 - Year 4 Monitoring	5.00%	502.547				2024	
7 - Year 5 Monitoring	10.00%	1,005.093				2025	
8 - Year 6 Monitoring	5.00%	502.547				2026	
9 - Year 7 Monitoring	10.00%	1,005.093				2027	
Stream Bankfull Standard	10.00%	1,005.094				2024	
			Totals		6,030.539		

Total Gross Credits	10,050.933
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	6,030.539
Total Percentage Released	60.00%
Remaining Unreleased Credits	4,020.394

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cold Stream	Restoration	9,220.000
Cold Stream	Enhancement I	62.000
Cold Stream	Enhancement II	1,974.000

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Debits

Cold Stream
Restoration
Credits

Beginning Balance (mitigation credits)							10,050.933
Released Credits							6,030.539
Unrealized Credits							0.000
Converted Credits							0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #	
NCDOT Stream & Wetland ILF Program	REQ-005681		SR 1344 Improvements - Division 14	2012-01775			16.120
NCDOT Stream & Wetland ILF Program	REQ-006434	B-5403	Bridge 196 on SR 1532	2015-01487			22.000
NCDOT Stream & Wetland ILF Program	REQ-006532		SR 3470 - Bridge 100401 - Division 13	2016-00580			49.000
NCDOT Stream & Wetland ILF Program	REQ-006679		SR 2785 - Bridge 100592 - Division 13	2016-02409			32.000
NCDOT Stream & Wetland ILF Program	REQ-006714	B-5555	NC 215 - Bridge 46 (B-5555) - Division 14	2017-00435			16.000
NCDOT Stream & Wetland ILF Program	REQ-006737		SR 3464 - Bridge 100433 - Division 13	2017-00758			62.000
NCDOT Stream & Wetland ILF Program	REQ-006759		SR 2748 - Bridge 100542 - Division 13	2017-00895			32.000
NCDOT Stream & Wetland ILF Program	REQ-006962	B-4823	Replace Bridge 12 on SR 1538 over Hogsed Creek	2017-02435			42.000
NCDOT Stream & Wetland ILF Program	REQ-007097		SR 1349 - Bridge 560281 - Division 13	2018-00367			47.000
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / A-0010D	US 19/23 Widening	1995-05135	1996-0470		177.000
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / A-0010D	US 19/23 Widening	1995-05135	1996-0470		1,855.160
NCDOT Stream & Wetland ILF Program	REQ-007292	B-5396	Bridge 416 on SR 1103	2016-00037			245.000
NCDOT Stream & Wetland ILF Program	REQ-007293		SR 2098 - Bridge 100222 - Division 13	2016-00039			55.000
NCDOT Stream & Wetland ILF Program	REQ-007294		SR 1316 - Bridge 28 - Division 14	2017-02214			45.000
NCDOT Stream & Wetland ILF Program	REQ-007359		SR 1003 - Bridge 100379 - Division 13	2018-00910			48.000

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Cold Stream
Restoration
Credits

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Released Credits							6,030.539
Unrealized Credits							0.000
Converted Credits							0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #	
NCDOT Stream & Wetland ILF Program	REQ-007413		SR 1116 - Bridge 560100 - Division 13	2018-00381			40.000
NCDOT Stream & Wetland ILF Program	REQ-007413		SR 1116 - Bridge 560100 - Division 13	2018-00381			42.000
NCDOT Stream & Wetland ILF Program	REQ-007932	R-5779	SR 1631 Extension - Division 13	2019-00900			180.000
NCDOT Stream & Wetland ILF Program	REQ-008543	R-5605	Davidson River Village Connector - Division 14	2020-00503			10.000
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / A-0010D	US 19/23 Widening	1995-05135	1996-0470		1,005.093
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / A-0010D	US 19/23 Widening	1995-05135	1996-0470		905.093
NCDOT Stream & Wetland ILF Program	REQ-009260		SR 1155 - Bridge 560353	2021-02520			100.000
Remaining Balance (Released credits)							1,005.073
Remaining Balance (Unreleased credits)							4,020.394
Total Remaining Balance (Released and Unreleased credits)							5,025.467