

Mitigation Project Name	Vile Creek Mitigation Site	USACE Action ID	2014-01585
DMS ID	96582	DWR Permit	2014-0869
River Basin	New	Date Project Instituted	6/24/2014
Cataloging Unit	05050001	Date Prepared	4/17/2023
County	Alleghany	Stream/Wet. Service Area	New 05050001



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	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%	1,515.904	1,515.904	0.000	1,515.904	2017	7/25/2017
3 - Year 1 Monitoring	10.00%	505.301	505.301	0.000	505.301	2018	4/25/2018
4 - Year 2 Monitoring	10.00%	505.301	505.301	0.000	505.301	2019	4/26/2019
5 - Year 3 Monitoring	10.00%	505.301	505.301	0.000	505.301	2020	4/20/2020
6 - Year 4 Monitoring	5.00%	252.651	252.651	0.014	252.637	2021	6/24/2021
7 - Year 5 Monitoring	10.00%	505.301	505.301	0.000	505.301	2022	4/18/2022
8 - Year 6 Monitoring	5.00%	252.653	252.653	0.000	252.653	2023	4/17/2023
9 - Year 7 Monitoring	10.00%	505.301				2024	
Stream Bankfull Standard	10.00%	505.301	505.301	0.000	505.301	2019	4/26/2019
				Totals	4,547.699		

Total Gross Credits	5,053.014
Total Unrealized Credits to Date	0.014
Total Released Credits to Date	4,547.699
Total Percentage Released	90.00%
Remaining Unreleased Credits	505.301

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%	1.711	1.711	0.000	1.711	2017	7/25/2017
3 - Year 1 Monitoring	10.00%	0.570	0.570	0.000	0.570	2018	4/25/2018
4 - Year 2 Monitoring	10.00%	0.570	0.570	0.000	0.570	2019	4/26/2019
5 - Year 3 Monitoring	15.00%	0.855	0.855	0.000	0.855	2020	4/20/2020
6 - Year 4 Monitoring	5.00%	0.285	0.285	0.000	0.285	2021	6/24/2021
7 - Year 5 Monitoring	15.00%	0.855	0.855	0.000	0.855	2022	4/18/2022
8 - Year 6 Monitoring	5.00%	0.285	0.285	0.000	0.285	2023	4/17/2023
9 - Year 7 Monitoring	10.00%	0.572				2024	
				Totals	5.131		

Total Gross Credits	5.703
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	5.131
Total Percentage Released	89.97%
Remaining Unreleased Credits	0.572

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Notes

2/1/2021: DMS discovered rounding errors on two stream segments that resulted in a total of 0.014 credit discrepancy in the stream credits. DMS proposes to make adjustments during this credit release cycle to account for these issues and to bring the project's stream credits back in line with approved documents.

6/24/2021: Site visit on 6/24/2021. IRT approved the credit release; however, requested a repair plan for main stem, treatment of invasive species, and noted several project areas that should be supplementally planted.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cold Stream	Restoration	2,970.000
Cold Stream	Enhancement I	1,088.000
Cold Stream	Enhancement II	3,815.000
Riparian	Restoration	6.400

Debits

Cold Stream Restoration Credits	Riparian Restoration Credits
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Beginning Balance (mitigation credits)							5,053.014	5.703
Released Credits							4,547.699	5.131
Unrealized Credits							0.014	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-005451	R-0529BA / R-0529BB / R-0529DB	US 421 Widening	1997-07161	1997-0616		119.000	
NCDOT Stream & Wetland ILF Program	REQ-005451	R-0529BA / R-0529BB / R-0529DB	US 421 Widening	1997-07161	1997-0616		1,010.602	
NCDOT Stream & Wetland ILF Program	REQ-005451	R-0529BA / R-0529BB / R-0529DB	US 421 Widening	1997-07161	1997-0616		505.304	
NCDOT Stream & Wetland ILF Program	REQ-005946	R-3101	US 21 Improvements	2012-01963	2013-0777		188.501	
NCDOT Stream & Wetland ILF Program	REQ-006194	R-2915A	US 221 Widening	2012-00882	2014-0762		204.663	
NCDOT Stream & Wetland ILF Program	REQ-006194	R-2915A	US 221 Widening	2012-00882	2014-0762		60.077	
NCDOT Stream & Wetland ILF Program	REQ-006196	R-2915B	US 221 Widening	2012-00882	2014-0762		489.739	
NCDOT Stream & Wetland ILF Program	REQ-006196	R-2915B	US 221 Widening	2012-00882	2014-0762		188.700	
NCDOT Stream & Wetland ILF Program	REQ-006196	R-2915B	US 221 Widening	2012-00882	2014-0762		387.561	
NCDOT Stream & Wetland ILF Program	REQ-006198	R-2915D	US 221 Widening	2012-00882	2014-0762		294.301	
NCDOT Stream & Wetland ILF Program	REQ-006198	R-2915D	US 221 Widening	2012-00882	2014-0762		62.900	

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							Cold Stream Restoration Credits	Riparian Restoration Credits
Debits								
Beginning Balance (mitigation credits)							5,053.014	5.703
Released Credits							4,547.699	5.131
Unrealized Credits							0.014	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-006198	R-2915D	US 221 Widening	2012-00882	2014-0762		25.760	
NCDOT Stream & Wetland ILF Program	REQ-005946	R-3101	US 21 Improvements	2012-01963	2013-0777		252.637	
NCDOT Stream & Wetland ILF Program	REQ-006198	R-2915D	US 221 Widening	2012-00882	2014-0762		430.726	
NCDOT Stream & Wetland ILF Program	REQ-006506		SR 1109 - Bridge 17 - Division 11	2015-02220			25.575	
NCDOT Stream & Wetland ILF Program	REQ-006539	B-5147	Bridge 327 on SR 1509 over Little Buffalo Creek	2016-00687			49.000	
NCDOT Stream & Wetland ILF Program	REQ-006195	R-2915A	US 221 Widening	2012-00882	2014-0762			0.588
NCDOT Stream & Wetland ILF Program	REQ-006197	R-2915B	US 221 Widening	2012-00882	2014-0762			0.860
NCDOT Stream & Wetland ILF Program	REQ-006199	R-2915D	US 221 Widening	2012-00882	2014-0762			0.570
NCDOT Stream & Wetland ILF Program	REQ-006199	R-2915D	US 221 Widening	2012-00882	2014-0762			0.262
NCDOT Stream & Wetland ILF Program	REQ-006199	R-2915D	US 221 Widening	2012-00882	2014-0762			0.571
Remaining Balance (Released credits)							252.653	2.280
Remaining Balance (Unreleased credits)							505.301	0.572
Total Remaining Balance (Released and Unreleased credits)							757.954	2.852