

Mitigation Project Name Dynamite Creek
 DMS ID 100125
 River Basin Roanoke
 Cataloging Unit 03010103
 County Rockingham

USACE Action ID 2019-00909
 DWR Permit 2019-0868
 Date Project Instituted 5/16/2019
 Date Prepared 4/18/2023
 Stream/Wet. Service Area Roanoke 03010103



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	Approved 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%	1,080.510	1,080.510	0.000	1,080.510	2022	5/18/2022
3 - Year 1 Monitoring	10.00%	360.170	360.170	0.000	360.170	2023	4/17/2023
4 - Year 2 Monitoring	10.00%	360.170				2024	
5 - Year 3 Monitoring	10.00%	360.170				2025	
6 - Year 4 Monitoring	5.00%	180.085				2026	
7 - Year 5 Monitoring	10.00%	360.170				2027	
8 - Year 6 Monitoring	5.00%	180.085				2028	
9 - Year 7 Monitoring	10.00%	360.170				2029	
Stream Bankfull Standard	10.00%	360.170				2026	
			Totals		1,440.680		

Total Gross Credits	3,601.700
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,440.680
Total Percentage Released	40.00%
Remaining Unreleased Credits	2,161.020

Credit Release Milestone	Riparian Credits						
Project Credits	Scheduled Releases %	Estimated Scheduled Release #	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year	Approved 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%	2.756	2.756	0.000	2.756	2022	5/18/2022
3 - Year 1 Monitoring	10.00%	0.919	0.919	0.000	0.919	2023	4/17/2023
4 - Year 2 Monitoring	10.00%	0.919				2024	
5 - Year 3 Monitoring	15.00%	1.379				2025	
6 - Year 4 Monitoring	5.00%	0.460				2026	
7 - Year 5 Monitoring	15.00%	1.379				2027	
8 - Year 6 Monitoring	5.00%	0.460				2028	
9 - Year 7 Monitoring	10.00%	0.919				2029	
			Totals		3.675		

Total Gross Credits	9.191
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	3.675
Total Percentage Released	39.98%
Remaining Unreleased Credits	5.516

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	3,101.000
Warm Stream	Enhancement I	555.000
Warm Stream	Preservation	1,307.000
Riparian	Restoration	11.016

							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits	Riparian Restoration Credits
Beginning Balance (mitigation credits)							3,471.000	130.700	9.191
Released Credits							1,388.400	52.280	3.675
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-005561		Craig Road Landfill Expansion	2011-00972	2006-0645		362.800		
Statewide Stream & Wetland ILF Program	REQ-006054		Commonwealth Crossing Business Centre	2008-01100			253.000		
Statewide Stream & Wetland ILF Program	REQ-006283		Belews Creek Steam Station	2012-00997	2015-0186		425.500		
Statewide Stream & Wetland ILF Program	REQ-006283		Belews Creek Steam Station	2012-00997	2015-0186			39.210	
Statewide Stream & Wetland ILF Program	REQ-005139		Dan River Combustion	2009-01653	2009-0940				0.266
Statewide Stream & Wetland ILF Program	REQ-005354		PNG-Dan River	2011-00261	2011-0053				0.068
Statewide Stream & Wetland ILF Program	REQ-005363		Mayo River State Park Dam Repair	2010-00716	2010-0826				0.590
Statewide Stream & Wetland ILF Program	REQ-005560		Craig Road Landfill Expansion	2011-00972	2006-0645				0.241
Statewide Stream & Wetland ILF Program	REQ-006055		Commonwealth Crossing Business Centre	2008-01100					0.250
Statewide Stream & Wetland ILF Program	REQ-006426		Duke Energy Dan River Steam Station 48-inch Area Clean up	2015-01670	2015-0717				0.410
Statewide Stream & Wetland ILF Program	REQ-006932		Dan River Steam Station Stormwater Diversion	2015-01381	2015-0610				0.653
Statewide Stream & Wetland ILF Program	REQ-007105		PNG Line 442 Pipeline	2018-00569	2018-0451				0.278
Remaining Balance (Released credits)							347.100	13.070	0.919
Remaining Balance (Unreleased credits)							2,082.600	78.420	5.516
Total Remaining Balance (Released and Unreleased credits)							2,429.700	91.490	6.435