

Mitigation Project Name	Owen Farms	USACE Action ID	2018-01165
DMS ID	100064	DWR Permit	2018-1033
River Basin	French Broad	Date Project Instituted	4/25/2018
Cataloging Unit	06010105	Date Prepared	4/18/2023
County	Transylvania	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 bankful event performance standard has been met.

Credit Release Milestone	Cold Stream Credits							
	Project 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	N/A
2 - Year 0 / As-Built	30.00%	1,513.168	1,513.168	0.000	1,513.168	2021	6/29/2021	
3 - Year 1 Monitoring	10.00%	504.389	504.389	0.000	504.389	2022	5/10/2022	
4 - Year 2 Monitoring	10.00%	504.389	504.389	0.000	504.389	2023	4/18/2023	
5 - Year 3 Monitoring	10.00%	504.389				2024		
6 - Year 4 Monitoring	5.00%	252.195				2025		
7 - Year 5 Monitoring	10.00%	504.389				2026		
8 - Year 6 Monitoring	5.00%	252.195				2027		
9 - Year 7 Monitoring	10.00%	504.389				2028		
Stream Bankfull Standard	10.00%	504.390				2025		
				Totals		2,521.946		

Total Gross Credits	5,043.893
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,521.946
Total Percentage Released	50.00%
Remaining Unreleased Credits	2,521.947

Credit Release Milestone	Riparian Credits							
	Project 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	N/A
2 - Year 0 / As-Built	30.00%	0.530	0.530	0.000	0.530	2021	6/29/2021	
3 - Year 1 Monitoring	10.00%	0.177	0.177	0.000	0.177	2022	5/10/2022	
4 - Year 2 Monitoring	15.00%	0.177	0.177	0.000	0.177	2023	4/18/2023	
5 - Year 3 Monitoring	15.00%	0.265				2024		
6 - Year 4 Monitoring	5.00%	0.088				2025		
7 - Year 5 Monitoring	15.00%	0.265				2026		
8 - Year 6 Monitoring	5.00%	0.088				2027		
9 - Year 7 Monitoring	10.00%	0.177				2028		
Stream Bankfull Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				Totals		0.707		

Total Gross Credits	1.767
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	0.884
Total Percentage Released	50.03%
Remaining Unreleased Credits	0.883

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cold Stream	Restoration	3,180.000
Cold Stream	Enhancement I	125.000
Cold Stream	Enhancement II	5,047.000
Cold Stream	Preservation	423.000
Riparian	Restoration	1.320
Riparian	Enhancement	1.540

Debits

							Cold Stream Restoration Credits	Cold Stream Restoration Equivalent Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							5,001.593	42.300	0.997	0.770
Released Credits							2,500.796	21.150	0.499	0.385
Unrealized Credits							0.000	0.000	0.000	0.000
Converted Credits							0.000	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-007237	A-0010C / D	US 19 / 23 Widening	1995-05135	1996-0470		1,550.478			
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / D	US 19 / 23 Widening	1995-05135	1996-0470		500.159			
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / D	US 19 / 23 Widening	1995-05135	1996-0470			12.690		
NCDOT Stream & Wetland ILF Program	REQ-007237	A-0010C / D	US 19 / 23 Widening	1995-05135	1996-0470			4.230		
Statewide Stream & Wetland ILF Program	REQ-005805		Hendersonville Sewer Line	2013-00018	2013-0219				0.154	
Statewide Stream & Wetland ILF Program	REQ-006291		Creekside Village	2014-01670	2014-1129				0.145	
Statewide Stream & Wetland ILF Program	REQ-009123		Eden Rock Village Subdivision	2018-00980	2020-1733					0.128
Statewide Stream & Wetland ILF Program	REQ-009269		B&F Ceramics	2021-01627	2022-0041					0.103
Remaining Balance (Released credits)							500.159	4.230	0.200	0.154
Remaining Balance (Unreleased credits)							2,500.797	21.150	0.498	0.385
Total Remaining Balance (Released and Unreleased credits)							3,000.956	25.380	0.698	0.539