

Mitigation Project Name	Carpenter Bottom	USACE Action ID	2018-02062
DMS ID	100090	DWR Permit	2019-0049
River Basin	Catawba	Date Project Instituted	10/9/2018
Cataloging Unit	03050102	Date Prepared	4/17/2023
County	Gaston	Stream/Wet. Service Area	Catawba 03050102
		2nd Stream/Wet. Service Area	CT 03 ESA

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						
	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%	920.349	920.349	0.000	920.349	2022	6/1/2022
3 - Year 1 Monitoring	10.00%	306.786	306.786	0.000	306.786	2023	4/17/2023
4 - Year 2 Monitoring	10.00%	306.786				2024	
5 - Year 3 Monitoring	10.00%	306.786				2025	
6 - Year 4 Monitoring	5.00%	153.392				2026	
7 - Year 5 Monitoring	10.00%	306.786				2027	
8 - Year 6 Monitoring	5.00%	153.392				2028	
9 - Year 7 Monitoring	10.00%	306.786				2029	
Stream Bankfull Standard	10.00%	306.786				2026	
				Totals	1,227.135		

Total Gross Credits	3,067.849
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,227.135
Total Percentage Released	40.00%
Remaining Unreleased Credits	2,147.500

Credit Release Milestone	Riparian 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%	2.503	2.503	0.000	2.503	2022	6/1/2022
3 - Year 1 Monitoring	10.00%	0.834	0.834	0.000	0.834	2023	4/17/2023
4 - Year 2 Monitoring	10.00%	0.834				2024	
5 - Year 3 Monitoring	15.00%	1.252				2025	
6 - Year 4 Monitoring	5.00%	0.418				2026	
7 - Year 5 Monitoring	15.00%	1.252				2027	
8 - Year 6 Monitoring	5.00%	0.418				2028	
9 - Year 7 Monitoring	10.00%	0.834				2029	
				Totals	3.337		

Total Gross Credits	8.345
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	3.337
Total Percentage Released	39.99%
Remaining Unreleased Credits	5.008

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	3,023.714
Warm Stream	Enhancement II	353.080
Riparian	Restoration	9.661

Debits

							Warm Stream Restoration Credits	Riparian Restoration Credits
Beginning Balance (mitigation credits)							3,067.849	8.345
Released Credits							1,227.135	3.337
Unrealized Credits							0.000	0.000
Converted Credits							0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #		
Remaining Balance (Released credits)							1,227.135	3.337
Remaining Balance (Unreleased credits)							1,840.714	5.008
Total Remaining Balance (Released and Unreleased credits)							3,067.849	8.345