

Mitigation Project Name	Pen Dell Mitigation Project	USACE Action ID	2016-00885
DMS ID	97079	DWR Permit	2016-0403 v2
River Basin	Neuse	Date Project Instituted	3/18/2016
Cataloging Unit	03020201	Date Prepared	4/18/2023
County	Johnston	Stream/Wet. Service Area	Neuse 03020201



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	Warm 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%	909.120	909.120	0.000	909.120	2019	3/21/2019
3 - Year 1 Monitoring	10.00%	303.040	303.040	0.000	303.040	2019	8/19/2019
4 - Year 2 Monitoring	10.00%	303.040	303.040	0.000	303.040	2020	4/21/2020
5 - Year 3 Monitoring	10.00%	303.040	303.040	0.000	303.040	2021	5/12/2021
6 - Year 4 Monitoring	5.00%	151.520	151.520	0.000	151.520	2022	4/20/2022
7 - Year 5 Monitoring	10.00%	303.040	303.040	0.000	303.040	2023	4/18/2023
8 - Year 6 Monitoring	5.00%	151.520				2024	
9 - Year 7 Monitoring	10.00%	303.040				2025	
Stream Bankfull Standard	10.00%	303.040	303.040	0.000	303.040	2021	5/12/2021
			Totals		2,575.840		

Total Gross Credits	3,030.400
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,575.840
Total Percentage Released	85.00%
Remaining Unreleased Credits	454.560

Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	1,744.000
Warm Stream	Enhancement I	1,143.000
Warm Stream	Enhancement II	1,017.000
Warm Stream	Preservation	1,176.000

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Debits							Warm Stream Restoration Credits	Warm Stream Restoration Equivalent Credits
Beginning Balance (mitigation credits)							2,912.800	117.600
Released Credits							2,475.880	99.960
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 #		
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249		1,165.120	
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249		291.280	
NCDOT Stream & Wetland ILF Program	REQ-008295	R-2721B	NC 540 - East of SR 1389 to East of US 401	2009-02240	2018-1249		582.560	
NCDOT Stream & Wetland ILF Program	REQ-009512	B-5318	Bridge 126 on SR 2044	2011-00044	2020-1509		145.640	
NCDOT Stream & Wetland ILF Program	REQ-008187	I-5111 / I-4739	I-40 Widening (Wake & Johnston Counties)	2009-00556	2019-0593			47.040
NCDOT Stream & Wetland ILF Program	REQ-008187	I-5111 / I-4739	I-40 Widening (Wake & Johnston Counties)	2009-00556	2019-0593			11.760
NCDOT Stream & Wetland ILF Program	REQ-008290	R-2721A	NC 540 - West of NC 55 to East of SR 1389	2009-02240	2018-1249			23.520
NCDOT Stream & Wetland ILF Program	REQ-008992	I-5986B	I-95 Improvements	2018-02276	2019-0214			5.880
Remaining Balance (Released credits)							291.280	1,176.000
Remaining Balance (Unreleased credits)							436.920	17.640
Total Remaining Balance (Released and Unreleased credits)							728.200	29.400