

Mitigation Project Name	Hip Bone Creek	USACE Action ID	2018-01160
DMS ID	100059	DWR Permit	2018-0785
River Basin	Cape Fear	Date Project Instituted	4/25/2018
Cataloging Unit	03030003	Date Prepared	4/19/2023
County	Chatham	Stream/Wet. Service Area	Cape Fear 03030003



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%	997.920	997.920	0.000	997.920	2021	11/1/2021
3 - Year 1 Monitoring	10.00%	332.640	332.640	0.000	332.640	2022	4/19/2022
4 - Year 2 Monitoring	10.00%	332.640	332.640	0.000	332.640	2023	4/19/2023
5 - Year 3 Monitoring	10.00%	332.640				2024	
6 - Year 4 Monitoring	5.00%	166.320				2025	
7 - Year 5 Monitoring	10.00%	332.640				2026	
8 - Year 6 Monitoring	5.00%	166.320				2027	
9 - Year 7 Monitoring	10.00%	332.640				2028	
Stream Bankfull Standard	10.00%	332.640				2025	
			Totals		1,663.200		

Total Gross Credits	3,326.400
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,663.200
Total Percentage Released	50.00%
Remaining Unreleased Credits	1,663.200

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%	1.389	1.389	0.000	1.389	2021	11/1/2021
3 - Year 1 Monitoring	10.00%	0.463	0.463	0.000	0.463	2022	4/19/2022
4 - Year 2 Monitoring	10.00%	0.463	0.463	0.000	0.463	2023	4/19/2023
5 - Year 3 Monitoring	15.00%	0.694				2024	
6 - Year 4 Monitoring	5.00%	0.232				2025	
7 - Year 5 Monitoring	15.00%	0.694				2026	
8 - Year 6 Monitoring	5.00%	0.232				2027	
9 - Year 7 Monitoring	10.00%	0.463				2028	
			Totals		2.315		

Total Gross Credits	4.630
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2.315
Total Percentage Released	50.00%
Remaining Unreleased Credits	2.315

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Notes

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	2,860.000
Warm Stream	Enhancement II	1,166.000
Riparian	Restoration	4.528
Riparian	Enhancement	1.495

Debits

							Warm Stream Restoration Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							3,326.400	4.032	0.598
Released Credits							1,663.200	2.016	0.299
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-004581		Project Hermes	2008-01894	2008-0499		225.000		
Statewide Stream & Wetland ILF Program	REQ-006635		High Point C & D Landfill	2014-01568	2016-0279		310.920		
Statewide Stream & Wetland ILF Program	REQ-006772		Triad Business Park (TBP) Old Greensboro Road Extension	2013-00556	2008-0499		462.000		
Statewide Stream & Wetland ILF Program	REQ-006635		High Point C & D Landfill	2014-01568	2016-0279		332.640		
Statewide Stream & Wetland ILF Program	REQ-002696		Lilliefield	2012-00263	2005-1881			0.150	
Statewide Stream & Wetland ILF Program	REQ-005437		Reserve at Carthage Colonies	2010-02159	2011-0445			0.216	
Statewide Stream & Wetland ILF Program	REQ-005473		Kamelot Oaks	2011-01776	2011-0991			0.250	
Statewide Stream & Wetland ILF Program	REQ-006341		Sapp Road Proposed Commercial Development	2013-01863	2014-0710			0.569	
Statewide Stream & Wetland ILF Program	REQ-006387		3043 Lawson Court (Lot 46 Kamelot Oaks)	2015-00988	2015-0788			0.025	
Statewide Stream & Wetland ILF Program	REQ-006341		Sapp Road Proposed Commercial Development	2013-01863	2014-0710			0.403	

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Released Credits							1,663.200	2.016	0.299
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-005437		Reserve at Carthage Colonies	2010-02159	2011-0445				0.024
Statewide Stream & Wetland ILF Program	REQ-006341		Sapp Road Proposed Commercial Development	2013-01863	2014-0710				0.155
Statewide Stream & Wetland ILF Program	REQ-006341		Sapp Road Proposed Commercial Development	2013-01863	2014-0710				0.060
Remaining Balance (Released credits)							332.640	0.403	0.060
Remaining Balance (Unreleased credits)							1,663.200	2.016	0.299
Total Remaining Balance (Released and Unreleased credits)							1,995.840	2.419	0.359