

Mitigation Project Name	Owls Den Mitigation Site	USACE Action ID	2013-00717
DMS ID	95808	DWR Permit	2014-0153
River Basin	Catawba	Date Project Instituted	3/1/2013
Cataloging Unit	03050102	Date DRAFT Prepared	1/7/2022
County	Lincoln	Stream/Wet. Service Area	Catawba 03050102

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							
	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%	735.900	740.400	0.000	740.400	2016	3/4/2016	
3 - Year 1 Monitoring	10.00%	245.300	246.800	0.000	246.800	2017	4/3/2017	
4 - Year 2 Monitoring	10.00%	245.300	245.300	6.000	239.300	2018	4/25/2018	
5 - Year 3 Monitoring	10.00%	245.300	245.300	0.000	245.300	2019	4/26/2019	
6 - Year 4 Monitoring	5.00%	122.650	122.650	0.000	122.650	2020	4/20/2020	
7 - Year 5 Monitoring	10.00%	245.300	245.300	0.000	245.300	2021	5/10/2021	
8 - Year 6 Monitoring	5.00%	122.650	122.650			2022		
9 - Year 7 Monitoring	10.00%	245.300				2023		
Stream Bankfull Standard	10.00%	245.300	245.300	0.000	245.300	2018	4/25/2018	
Totals					2,085.050			

Total Gross Credits	2,453.000
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	2,085.050
Total Percentage Released	85.00%
Remaining Unreleased Credits	367.950

Credit Release Milestone	Riparian Credits						
	Project Credits	Scheduled Releases %	Estimated Scheduled Release #	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year
1 - Site Establishment	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 - Year 0 / As-Built	30.00%	2.840	2.682	0.000	2.682	2016	3/4/2016
3 - Year 1 Monitoring	10.00%	0.947	0.894	0.000	0.894	2017	4/3/2017
4 - Year 2 Monitoring	10.00%	0.947	0.894	0.000	0.894	2018	4/25/2018
5 - Year 3 Monitoring	15.00%	1.420	1.341	0.000	1.341	2019	4/26/2019
6 - Year 4 Monitoring	5.00%	0.473	0.447	0.000	0.447	2020	4/20/2020
7 - Year 5 Monitoring	15.00%	1.420	1.341	0.000	1.341	2021	5/10/2021
8 - Year 6 Monitoring	5.00%	0.473	0.434			2022	
9 - Year 7 Monitoring	10.00%	0.947				2023	
Totals					7.599		

Total Gross Credits	9.468
Total Unrealized Credits to Date	0.530
Total Released Credits to Date	7.599

Mitigation Project Name	Owls Den Mitigation Site	USACE Action ID	2013-00717
DMS ID	95808	DWR Permit	2014-0153
River Basin	Catawba	Date Project Instituted	3/1/2013
Cataloging Unit	03050102	Date DRAFT Prepared	1/7/2022
County	Lincoln	Stream/Wet. Service Area	Catawba 03050102

Total Percentage Released	80.26%
Remaining Unreleased Credits	1.339

Notes

4/25/2018: Adjustments to the stream and wetland credits due to IRT concerns on how the as-built credits were calculated.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Warm Stream	Restoration	2,453.000
Riparian	Restoration	10.120

Debits

Warm Stream Restoration Credits	Riparian Restoration Credits
------------------------------------------------	---------------------------------------------

Beginning Balance (mitigation credits)							2,453.000	9.468
Released Credits							2,085.050	7.599
Unrealized Credits							0.000	0.530
Converted Credits							0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #		
Statewide Stream & Wetland ILF Program	REQ-003064		Moody Lake Business Park	2006-40061-360	2006-1122		8.400	
Statewide Stream & Wetland ILF Program	REQ-005076		Silverlanding	2009-00940	2009-0544		127.400	
Statewide Stream & Wetland ILF Program	REQ-005240		Matthews Gateway	2008-03268	2010-0467		187.800	
Statewide Stream & Wetland ILF Program	REQ-005240		Matthews Gateway	2008-03268	2010-0467		153.600	
Statewide Stream & Wetland ILF Program	REQ-005396		Charlotte Air National Guard Storm Sewer	2010-02251	2010-0138		31.000	
Statewide Stream & Wetland ILF Program	REQ-005396		Charlotte Air National Guard Storm Sewer	2010-02251	2010-0138		82.000	
Statewide Stream & Wetland ILF Program	REQ-005689		Campus Ridge Road Realignment U-4713B	2011-01157	2013-0085		302.000	
Statewide Stream & Wetland ILF Program	REQ-005969		Hickory Quarry Martin Marietta Materials	2011-01934	1998-0623		160.000	
Statewide Stream & Wetland ILF Program	REQ-006065		Norfolk Southern Intermodal Facility	2013-00433	2013-0732		78.000	
Statewide Stream & Wetland ILF Program	REQ-006073		Ravenscroft Subdivision	2007-00591	2014-0286		12.600	
Statewide Stream & Wetland ILF Program	REQ-006130		Providence Road West	2009-01652	2007-1673		52.578	

Mitigation Project Name
DMS ID
River Basin
Cataloging Unit
County

Owls Den Mitigation Site
95808
Catawba
03050102
Lincoln

USACE Action ID
DWR Permit
Date Project Instituted
Date DRAFT Prepared
Stream/Wet. Service Area

2013-00717
2014-0153
3/1/2013
1/7/2022
Catawba 03050102

Statewide Stream & Wetland ILF Program	REQ-006130		Providence Road West	2009-01652	2007-1673		234.489	
Statewide Stream & Wetland ILF Program	REQ-006171		2126 Sharon Avenue, Lot 3 Block 2 MB 4	2011-01500	2014-0834		50.000	
Statewide Stream & Wetland ILF Program	REQ-006266		Plantation Estates	2013-01880	2015-0195		237.233	
Statewide Stream & Wetland ILF Program	REQ-006266		Plantation Estates	2013-01880	2015-0195		60.767	
Statewide Stream & Wetland ILF Program	REQ-006367		HBM Hendrick BMW	2015-01199	2015-0577		61.883	
Statewide Stream & Wetland ILF Program	REQ-006523		TopGolf Charlotte	2015-02490	2015-1294		53.000	
Statewide Stream & Wetland ILF Program	REQ-006782		Carvana LLC Charlotte	2017-00299	20014-0405		192.300	
Statewide Stream & Wetland ILF Program	REQ-002710		Ballantyne Country Club Golf Course	2005-30193				2.283
Statewide Stream & Wetland ILF Program	REQ-003097		US 521 Landfill (Foxhole)	2005-31884	2005-0893			1.400
Statewide Stream & Wetland ILF Program	REQ-003097		US 521 Landfill (Foxhole)	2005-31884	2005-0893			0.447
Statewide Stream & Wetland ILF Program	REQ-003659		Longview South, Phase II	2004-30650	2004-0379			0.430
Statewide Stream & Wetland ILF Program	REQ-003783		Midwood Phase II (Firth Court)	2005-30123	2004-1615			0.086
Statewide Stream & Wetland ILF Program	REQ-003783		Midwood Phase II (Firth Court)	2005-30123	2004-1615			0.519
Statewide Stream & Wetland ILF Program	REQ-004069		Landen Town Center	1998-31046	1998-1125			0.251
Statewide Stream & Wetland ILF Program	REQ-004180	U-3307	DOT - E-W circumferential Road	2000-30264	1999-1469			0.574
Statewide Stream & Wetland ILF Program	REQ-005075		Silverlanding	2009-00940	2009-0544			0.048
Statewide Stream & Wetland ILF Program	REQ-006056		Channing Hall	2014-00593	2014-0143			0.046
Statewide Stream & Wetland ILF Program	REQ-006248		Orr Road Extension	2014-00280	2014-1294			0.174
Statewide Stream & Wetland ILF Program	REQ-002836		Flat Branch Elementary School	2004-30773	2005-2162			1.341
Remaining Balance (Released credits)							0.000	0.000
Remaining Balance (Unreleased credits)							367.950	1.339
Total Remaining Balance (Released and Unreleased credits)							367.950	1.339