

Mitigation Project Name	Cochran Branch	USACE Action ID	2013-00280
DMS ID	95720	DWR Permit	2013-0188
River Basin	Little Tennessee	Date Project Instituted	10/29/2012
Cataloging Unit	06010202	Date DRAFT Prepared	1/5/2022
County	Macon	Stream/Wet. Service Area	Little Tennessee 06010202

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	Cold 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%	534.900	546.000	0.000	546.000	2015	10/1/2015
3 - Year 1 Monitoring	10.00%	178.300	182.000	0.000	182.000	2016	4/25/2016
4 - Year 2 Monitoring	10.00%	178.300	178.300	14.800	163.500	2017	10/20/2017
5 - Year 3 Monitoring	10.00%	178.300	178.300	0.000	178.300	2018	4/25/2018
6 - Year 4 Monitoring	5.00%	89.150	89.150	0.000	89.150	2019	4/26/2019
7 - Year 5 Monitoring	10.00%	178.300	49.750	128.550	49.750	2020	4/21/2020
8 - Year 6 Monitoring	5.00%	89.150	0.000	89.150	0.000	2021	5/12/2021
9 - Year 7 Monitoring	10.00%	178.300	396.000			2022	
Stream Bankfull Standard	10.00%	178.300	178.300	0.000	178.300	2017	10/20/2017
Totals					1,387.000		

Total Gross Credits	1,783.000
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	1,387.000
Total Percentage Released	77.79%
Remaining Unreleased Credits	396.000

Credit Release Milestone	Riparian 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%	1.288	1.288	0.000	1.289	2015	10/1/2015
3 - Year 1 Monitoring	10.00%	0.430	0.430	0.000	0.430	2016	4/25/2016
4 - Year 2 Monitoring	10.00%	0.430	0.430	0.000	0.430	2017	10/20/2017
5 - Year 3 Monitoring	10.00%	0.430	0.430	0.000	0.430	2018	4/25/2018
6 - Year 4 Monitoring	10.00%	0.430	0.430	0.000	0.430	2019	4/26/2019
7 - Year 5 Monitoring	10.00%	0.430	0.430	0.000	0.430	2020	4/21/2020
8 - Year 6 Monitoring	10.00%	0.430	0.430	0.000	0.430	2021	5/12/2021
9 - Year 7 Monitoring	10.00%	0.430	0.430			2022	
Totals					3.869		

Total Gross Credits	4.295
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	3.869

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Total Percentage Released	90.08%
Remaining Unreleased Credits	0.426

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Notes

10/20/2017: Adjustment required due to IRT concerns on how the as-built credits were calculated.

4/21/2020: Based on the June 2019 IRT site visit, Parrish Branch was identified as "at risk". The rest of the project was meeting established success criteria. The IRT requested DMS hold the 396 SMUs associated with Parrish Branch until closeout of the project. The scheduled credit release for year 5 monitoring is 178.30 SMUs. Due to the hold on Parrish Branch, the maximum number of SMUs that can be released this year is 49.75 SMUs with 396 SMUs remaining.

1/26/2021: DMS met with the IRT at the project site to review IRT concerns related to the Parrish Branch reach. IRT decided to not release any additional stream credits on this project until the closeout review in 2022. The proposed wetland credit release remains pending and will be discussed at the May 2021 credit release meeting.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cold Stream	Restoration	1,783.000
Riparian	Restoration	4.240
Riparian	Enhancement	0.110

Debits

							Cold Stream Restoration Credits	Riparian Restoration Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							1,783.000	4.240	0.055
Released Credits							1,387.000	3.816	0.053
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-005232		Macon County Airport Runway Extension	2009-00321	1993-0501		89.150		
Statewide Stream & Wetland ILF Program	REQ-005232		Macon County Airport Runway Extension	2009-00321	1993-0501		49.750		
Statewide Stream & Wetland ILF Program	REQ-005232		Macon County Airport Runway Extension	2009-00321	1993-0501		546.000		
Statewide Stream & Wetland ILF Program	REQ-005232		Macon County Airport Runway Extension	2009-00321	1993-0501		182.000		
Statewide Stream & Wetland ILF Program	REQ-005232		Macon County Airport Runway Extension	2009-00321	1993-0501		341.800		
Statewide Stream & Wetland ILF Program	REQ-005232		Macon County Airport Runway Extension	2009-00321	1993-0501		178.300		
Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501			0.424	
Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501			1.272	

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Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501			0.424		
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Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501			0.424		
Statewide Stream & Wetland ILF Program	REQ-005325		South Sylva Retail Substation Duke Power	2010-01274	2010-0986			0.314		
Statewide Stream & Wetland ILF Program	REQ-006445		Macon County MSWL Phase 3 Cell 1	2012-01916	2015-0092			0.110		
Statewide Stream & Wetland ILF Program	REQ-005325		South Sylva Retail Substation Duke Power	2010-01274	2010-0986			0.424		
Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501				0.006	
Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501				0.022	
Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501				0.006	
Statewide Stream & Wetland ILF Program	REQ-005233		Macon County Airport Runway Extension	2009-00321	1993-0501				0.006	
Statewide Stream & Wetland ILF Program	REQ-005325		South Sylva Retail Substation Duke Power	2010-01274	2010-0986				0.007	
Statewide Stream & Wetland ILF Program	REQ-008528		High Hampton	2017-02281	2018-0765				0.006	
Remaining Balance (Released credits)								0.000	0.000	0.000
Remaining Balance (Unreleased credits)								396.000	0.424	0.002
Total Remaining Balance (Released and Unreleased credits)								396.000	0.424	0.002