

Mitigation Project Name	Little Pine Creek II	USACE Action ID	2009-00591
DMS ID	856	DWR Permit	2009-0048
River Basin	New	Date Project Instituted	12/21/2007
Cataloging Unit	05050001	Date Prepared	4/17/2023
County	Allegheny	Stream/Wet. Service Area	New 05050001



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 bankful event performance standard has been met.

Credit Release Milestone	Cold 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
2 - Year 0 / As-Built	30.00%	970.680	958.500	12.180	958.500	2020	3/6/2020
3 - Year 1 Monitoring	10.00%	323.560	306.400	17.160	306.400	2021	5/10/2021
4 - Year 2 Monitoring	10.00%	323.560	312.300	11.260	312.300	2022	4/18/2022
5 - Year 3 Monitoring	10.00%	323.560	323.560	0.000	323.560	2023	4/17/2023
6 - Year 4 Monitoring	5.00%	161.780				2024	
7 - Year 5 Monitoring	10.00%	323.560				2025	
8 - Year 6 Monitoring	5.00%	161.780				2026	
9 - Year 7 Monitoring	10.00%	323.560				2027	
Stream Bankfull Standard	10.00%	323.560				2024	
			Totals		1,900.760		

Total Gross Credits	3,235.600
Total Unrealized Credits to Date	40.600
Total Released Credits to Date	1,900.760
Total Percentage Released	58.75%
Remaining Unreleased Credits	1,294.240

Credit Release Milestone	Riparian 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
2 - Year 0 / As-Built	30.00%	0.445	0.445	0.000	0.445	2020	3/6/2020
3 - Year 1 Monitoring	10.00%	0.148	0.148	0.000	0.148	2021	5/10/2021
4 - Year 2 Monitoring	10.00%	0.148	0.148	0.000	0.148	2022	4/18/2022
5 - Year 3 Monitoring	15.00%	0.223	0.223	0.000	0.223	2023	4/17/2023
6 - Year 4 Monitoring	5.00%	0.074				2024	
7 - Year 5 Monitoring	15.00%	0.223				2025	
8 - Year 6 Monitoring	5.00%	0.074				2026	
9 - Year 7 Monitoring	10.00%	0.149				2027	
			Totals		0.964		

Total Gross Credits	1.484
Total Unrealized Credits to Date	0.000
Total Released Credits to Date	0.964
Total Percentage Released	64.96%
Remaining Unreleased Credits	0.520

Mitigation Project Name	Little Pine Creek II	USACE Action ID	2009-00591
DMS ID	856	DWR Permit	2009-0048
River Basin	New	Date Project Instituted	12/21/2007
Cataloging Unit	05050001	Date Prepared	4/17/2023
County	Alleghany	Stream/Wet. Service Area	New 05050001

Notes

3/6/2020: Two of the stream preservation reaches were deemed not creditable by the IRT. The total amount of preservation credit from these reaches totals 40.60 credits. For the initial credit release, DMS withheld 12.18 stream credits (30% of 40.60). DMS will withhold future preservation credit releases until the 40.60 stream credit is reached.

2/17/2021: Per the approved mitigation plan, 17.16 stream preservation credits were scheduled for released following successful year 1 monitoring. Due to the unrealized stream credits already documented on Tributaries E and F, DMS proposes to withhold all of the scheduled stream preservation release of 17.16 credits. This amount plus the previous withheld amount of 12.18 is a total of 29.23 stream preservation credits withheld on this project. Next year, DMS will propose to withhold the remaining 11.26 stream preservation credits which will total 40.60 credits, the total stream credits associated with Tributaries E and F.

Contingencies (if any)

Project Quantities

Mitigation Type	Restoration Type	Physical Quantity
Cold Stream	Restoration	3,064.000
Cold Stream	Preservation	858.000
Riparian	Enhancement	1.200
Riparian	Preservation	4.420

Debits

							Cold Stream Restoration Credits	Cold Stream Restoration Equivalent Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							3,064.000	171.600	1.484
Released Credits							1,838.400	62.360	0.964
Unrealized Credits							0.000	40.600	0.000
Converted Credits							0.000	0.000	0.000
Owning Program	Req. Id	TIP #	Project Name	USACE Permit #	DWR Permit #	DCM Permit #			
NCDOT Stream & Wetland ILF Program	REQ-005451	R-0529BA / R-0529BB / R-0529DB	US 421 Widening	1997-07161	1997-0616		919.200		
NCDOT Stream & Wetland ILF Program	REQ-005946	R-3101	US 21 Improvements	2012-01963	2013-0777		306.400		
NCDOT Stream & Wetland ILF Program	REQ-006506		SR 1109 - Bridge 17 - Division 11	2015-02220			55.425		
NCDOT Stream & Wetland ILF Program	REQ-006514		SR 1317 - Bridge 263 - Division 11	2015-02477			88.000		
NCDOT Stream & Wetland ILF Program	REQ-006534		SR 1545 Improvements - Division 11	2003-20687			31.975		
NCDOT Stream & Wetland ILF Program	REQ-006536		SR 1527 Improvements - Division 11	2015-02472			35.000		
NCDOT Stream & Wetland ILF Program	REQ-006552		SR 1317 - Bridge 264 - Division 11	2015-02474			60.000		
NCDOT Stream & Wetland ILF Program	REQ-006591		SR 1143 - Bridge 61 - Division 11	2015-02478			36.000		

Little Pine Creek II
New 05050001

Mitigation Project Name Little Pine Creek II
 DMS ID 856
 River Basin New
 Cataloging Unit 05050001
 County Alleghany

USACE Action ID 2009-00591
 DWR Permit 2009-0048
 Date Project Instituted 12/21/2007
 Date Prepared 4/17/2023
 Stream/Wet. Service Area New 05050001

Debits							Cold Stream Restoration Credits	Cold Stream Restoration Equivalent Credits	Riparian Restoration Equivalent Credits
Beginning Balance (mitigation credits)							3,064.000	171.600	1.484
Released Credits							1,838.400	62.360	0.964
Unrealized Credits							0.000	40.600	0.000
Converted Credits							0.000	0.000	0.000
NCDOT Stream & Wetland ILF Program	REQ-006198	R-2915D	US 221 Widening	2012-00882	2014-0762		39.300		
NCDOT Stream & Wetland ILF Program	REQ-006198	R-2915D	US 221 Widening	2012-00882	2014-0762		5.900		
NCDOT Stream & Wetland ILF Program	REQ-006199	R-2915D	US 221 Widening	2012-00882	2014-0762			0.445	
Remaining Balance (Released credits)							306.400	17.160	0.519
Remaining Balance (Unreleased credits)							1,225.600	68.640	0.520
Total Remaining Balance (Released and Unreleased credits)							1,532.000	85.800	1.039