

<b>Mitigation Project Name</b>	<b>Little Pine Creek II</b>	<b>USACE Action ID</b>	<b>2009-00591</b>
<b>DMS ID</b>	<b>856</b>	<b>DWR Permit</b>	<b>2009-0048</b>
<b>River Basin</b>	<b>New</b>	<b>Date Project Instituted</b>	<b>12/21/2007</b>
<b>Cataloging Unit</b>	<b>05050001</b>	<b>Date DRAFT Prepared</b>	<b>1/10/2022</b>
<b>County</b>	<b>Alleghany</b>	<b>Stream/Wet. Service Area</b>	<b>New 05050001</b>

**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						
	Scheduled Releases %	Estimated Scheduled Release #	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year	Actual Release Date
<b>1 - Site Establishment</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>2 - Year 0 / As-Built</b>	30.00%	970.680	958.500	12.180	958.500	2020	3/6/2020
<b>3 - Year 1 Monitoring</b>	10.00%	323.560	306.400	17.160	306.400	2021	5/10/2021
<b>4 - Year 2 Monitoring</b>	10.00%	323.560	312.300	11.260		2022	
<b>5 - Year 3 Monitoring</b>	10.00%	323.560				2023	
<b>6 - Year 4 Monitoring</b>	5.00%	161.780				2024	
<b>7 - Year 5 Monitoring</b>	10.00%	323.560				2025	
<b>8 - Year 6 Monitoring</b>	5.00%	161.780				2026	
<b>9 - Year 7 Monitoring</b>	10.00%	323.560				2027	
<b>Stream Bankfull Standard</b>	10.00%	323.560				2024	
<b>Totals</b>					1,264.900		

<b>Total Gross Credits</b>	3,235.600
<b>Total Unrealized Credits to Date</b>	40.600
<b>Total Released Credits to Date</b>	1,264.900
<b>Total Percentage Released</b>	39.09%
<b>Remaining Unreleased Credits</b>	1,930.100

Credit Release Milestone	Riparian Credits						
	Scheduled Releases %	Estimated Scheduled Release #	Proposed Released #	Not Approved # Releases	Approved Credits	Anticipated Release Year	Actual Release Date
<b>1 - Site Establishment</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>2 - Year 0 / As-Built</b>	30.00%	0.445	0.445	0.000	0.445	2020	3/6/2020
<b>3 - Year 1 Monitoring</b>	10.00%	0.148	0.148	0.000	0.148	2021	5/10/2021
<b>4 - Year 2 Monitoring</b>	10.00%	0.148	0.148			2022	
<b>5 - Year 3 Monitoring</b>	15.00%	0.223				2023	
<b>6 - Year 4 Monitoring</b>	5.00%	0.074				2024	
<b>7 - Year 5 Monitoring</b>	15.00%	0.223				2025	
<b>8 - Year 6 Monitoring</b>	5.00%	0.074				2026	
<b>9 - Year 7 Monitoring</b>	10.00%	0.149				2027	
<b>Totals</b>					0.593		

<b>Total Gross Credits</b>	1.484
<b>Total Unrealized Credits to Date</b>	0.000
<b>Total Released Credits to Date</b>	0.593

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<b>Total Percentage Released</b>	39.96%
<b>Remaining Unreleased Credits</b>	0.891

**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
<b>Beginning Balance (mitigation credits)</b>							<b>3,064.000</b>	<b>171.600</b>	<b>1.484</b>
<b>Released Credits</b>							<b>1,225.600</b>	<b>39.300</b>	<b>0.593</b>
<b>Unrealized Credits</b>							<b>0.000</b>	<b>40.600</b>	<b>0.000</b>
<b>Converted Credits</b>							<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
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-006198	R-2915D	US 221 Widening	2012-00882	2014-0762			39.300	
NCDOT Stream & Wetland ILF Program	REQ-006199	R-2915D	US 221 Widening	2012-00882	2014-0762				0.445
<b>Remaining Balance (Released credits)</b>							<b>0.000</b>	<b>0.000</b>	<b>0.148</b>
<b>Remaining Balance (Unreleased credits)</b>							<b>1,838.400</b>	<b>91.700</b>	<b>0.891</b>

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<b>Total Remaining Balance (Released and Unreleased credits)</b>	<b>1,838.400</b>	<b>91.700</b>	<b>1.039</b>
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