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|-------------------------|---------------------------------|--------------------------|----------------|
| Mitigation Project Name | Alliance Headwaters Stream Site | USACE Action ID | 2016-00882 |
| DMS ID | 97086 | DWR Permit | 2016-0405 v2 |
| River Basin | Neuse | Date Project Instituted | 3/21/2016 |
| Cataloging Unit | 03020201 | Date Prepared | 4/18/2023 |
| County | Johnston | Stream/Wet. Service Area | Neuse 03020201 |

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 | Warm 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% | 1,808.815 | 1,808.815 | 0.000 | 1,808.815 | 2020 | 3/25/2020 |
| 3 - Year 1 Monitoring | 10.00% | 602.938 | 602.938 | 0.000 | 602.938 | 2021 | 5/12/2021 |
| 4 - Year 2 Monitoring | 10.00% | 602.938 | 602.938 | 0.000 | 602.938 | 2022 | 4/20/2022 |
| 5 - Year 3 Monitoring | 10.00% | 602.939 | 602.939 | 0.000 | 602.939 | 2023 | 4/18/2023 |
| 6 - Year 4 Monitoring | 5.00% | 301.469 | | | | 2024 | |
| 7 - Year 5 Monitoring | 10.00% | 602.939 | | | | 2025 | |
| 8 - Year 6 Monitoring | 5.00% | 301.469 | | | | 2026 | |
| 9 - Year 7 Monitoring | 10.00% | 603.939 | | | | 2027 | |
| Stream Bankfull Standard | 10.00% | 602.938 | | | | 2024 | |
| | | | Totals | | 3,617.630 | | |

| | |
|----------------------------------|-----------|
| Total Gross Credits | 6,029.384 |
| Total Unrealized Credits to Date | 0.000 |
| Total Released Credits to Date | 3,617.630 |
| Total Percentage Released | 60.00% |
| Remaining Unreleased Credits | 2,411.754 |

| 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% | 11.807 | 11.807 | 0.000 | 11.807 | 2020 | 3/25/2020 |
| 3 - Year 1 Monitoring | 10.00% | 3.935 | 3.935 | 0.000 | 3.935 | 2021 | 5/12/2021 |
| 4 - Year 2 Monitoring | 10.00% | 3.935 | 3.935 | 0.000 | 3.935 | 2022 | 4/20/2022 |
| 5 - Year 3 Monitoring | 15.00% | 5.900 | 5.900 | 5.900 | 0.000 | 2023 | 4/18/2023 |
| 6 - Year 4 Monitoring | 5.00% | 1.972 | | | | 2024 | |
| 7 - Year 5 Monitoring | 15.00% | 5.898 | | | | 2025 | |
| 8 - Year 6 Monitoring | 5.00% | 1.972 | | | | 2026 | |
| 9 - Year 7 Monitoring | 10.00% | 3.935 | | | | 2027 | |
| | | | Totals | | 19.677 | | |

| | |
|----------------------------------|--------|
| Total Gross Credits | 39.354 |
| Total Unrealized Credits to Date | 0.000 |
| Total Released Credits to Date | 19.677 |
| Total Percentage Released | 50.00% |
| Remaining Unreleased Credits | 19.677 |

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Notes

04/18/2023: The IRT expressed concern on the overall lack of monitoring success of the wetland mitigation areas and decided to withhold releasing any wetland mitigation credits scheduled for release this year. The stream mitigation credits were approved for release.

Contingencies (if any)

Project Quantities

| Mitigation Type | Restoration Type | Physical Quantity |
|-----------------|------------------|-------------------|
| Warm Stream | Restoration | 6,529.000 |
| Riparian | Restoration | 40.460 |
| Riparian | Creation | 1.090 |
| Riparian | Enhancement | 0.380 |
| Riparian | Preservation | 16.390 |

Debits

| | | | | | | | Warm Stream Restoration Credits | Riparian Restoration Credits | Riparian Restoration Equivalent Credits |
|--|------------|-----------------|---|----------------|--------------|--------------|---------------------------------|------------------------------|---|
| Beginning Balance (mitigation credits) | | | | | | | 6,029.384 | 37.598 | 1.756 |
| Released Credits | | | | | | | 3,617.630 | 18.798 | 0.879 |
| 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 # | | | |
| NCDOT Stream & Wetland ILF Program | REQ-008290 | R-2721A | NC 540 - West of NC 55 to East of SR 1389 | 2009-02240 | 2018-1249 | | 1,808.815 | | |
| NCDOT Stream & Wetland ILF Program | REQ-008295 | R-2721B | NC 540 from East of SR 1389 to East of US 401 | 2009-02240 | 2018-1249 | | 602.938 | | |
| NCDOT Stream & Wetland ILF Program | REQ-009275 | U-6223 | Ranch Road Extension | 2019-00962 | 2021-1409 | | 40.753 | | |
| NCDOT Stream & Wetland ILF Program | REQ-009295 | I-5111 / I-4739 | I-40 Widening | 2009-00556 | 2019-0593 | | 204.000 | | |
| NCDOT Stream & Wetland ILF Program | REQ-009419 | P-5707 | Rail Division - Rogers Road Grade Separation | 2020-00340 | 2020-0267 | | 358.185 | | |
| Statewide Stream & Wetland ILF Program | REQ-002988 | | Town of Cary Windsor Oaks Water/Sewer Ext | | 2006-0613 | | | 0.095 | |
| Statewide Stream & Wetland ILF Program | REQ-006127 | | Austin Creek Phase 2 | 2011-01676 | 2014-0695 | | | 0.216 | |
| Statewide Stream & Wetland ILF Program | REQ-006448 | | Knightdale Station | 2015-01553 | 2015-0838 | | | 0.490 | |
| Statewide Stream & Wetland ILF Program | REQ-006546 | | Martin Marietta's Benson Quarry | 2014-00845 | 1995-0153 | | | 10.479 | |

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| Debits | | | | | | | Warm Stream Restoration Credits | Riparian Restoration Credits | Riparian Restoration Equivalent Credits |
|---|------------|-------|--|----------------|--------------|--------------|---------------------------------|------------------------------|---|
| Beginning Balance (mitigation credits) | | | | | | | 6,029.384 | 37.598 | 1.756 |
| Released Credits | | | | | | | 3,617.630 | 18.798 | 0.879 |
| 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-006546 | | Martin Marietta's Benson Quarry | 2014-00845 | 1995-0153 | | | 0.911 | |
| Statewide Stream & Wetland ILF Program | REQ-006576 | | Shotwell Landfill Expansion | 2007-03170 | 1997-0893 | | | 2.180 | |
| Statewide Stream & Wetland ILF Program | REQ-006588 | | Lidl, US NC01 Raleigh | 2015-00592 | 2015-1192 | | | 0.450 | |
| Statewide Stream & Wetland ILF Program | REQ-006692 | | Summerlyn Subdivision Phase 2 The Groves | 2015-01684 | 2015-0750 | | | 0.218 | |
| Statewide Stream & Wetland ILF Program | REQ-006546 | | Martin Marietta's Benson Quarry | 2014-00845 | 1995-0153 | | | 1.774 | |
| Statewide Stream & Wetland ILF Program | REQ-007765 | | Wildcat Creek Outfall Sewer Basin Improvements | 2017-01853 | 2017-1529 | | | 0.490 | |
| Statewide Stream & Wetland ILF Program | REQ-007777 | | Permit 1995-01141 Mod. For WFER Reservoir Ph 2 | 2014-00299 | 1996-1190 | | | 1.495 | |
| Statewide Stream & Wetland ILF Program | REQ-006546 | | Martin Marietta's Benson Quarry | 2014-00845 | 1995-0153 | | | | 0.527 |
| Statewide Stream & Wetland ILF Program | REQ-006546 | | Martin Marietta's Benson Quarry | 2014-00845 | 1995-0153 | | | | 0.176 |
| Statewide Stream & Wetland ILF Program | REQ-007777 | | Permit 1995-01141 Mod. For WFER Reservoir Ph 2 | 2014-00299 | 1996-1190 | | | | 0.176 |
| Remaining Balance (Released credits) | | | | | | | 602.939 | 0.000 | 0.000 |
| Remaining Balance (Unreleased credits) | | | | | | | 2,411.754 | 18.800 | 0.877 |
| Total Remaining Balance (Released and Unreleased credits) | | | | | | | 3,014.693 | 18.800 | 0.877 |