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RIPDES SMALL MS4 ANNUAL REPORT GENERAL INFORMATION PAGE

RIPDES PERMIT #RIR040021_____

REPORTING PERIOD: **YEAR 21**
Jan 2024-Dec 2024

OPERATOR OF MS4

Name: Town of Lincoln			
Mailing Address: 100 Old River Road			
City: Lincoln	State: RI	Zip: 02865	Phone: (401) 333-8415
Contact Person: Leslie Quish, PE		Title: Town Engineer	
		Email: lquish@lincolnri.org	
Legal status (circle one):			
PRI - Private	PUB - Public	BPP - Public/Private	STA - State FED - Federal
Other (please specify):			

OWNER OF MS4 (if different from OPERATOR)

Name: Town of Lincoln			
Mailing Address: 100 Old River Road			
City: Lincoln	State: RI	Zip: 02865	Phone: (401) 333-8415
Contact Person: Phillip Gould		Title: Town Administrator	
		Email: pgould@lincolnri.org	

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name Phillip Gould

Print Title Town Administrator

Signature _____ Date _____



**MINIMUM CONTROL MEASURE #1:
PUBLIC EDUCATION AND OUTREACH (Part IV.B.1 General Permit)**

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:	
<p>Include information relevant to the implementation of each measurable goal, such as activities, topics addressed, audiences and pollutants targeted. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for choosing the education activity to address the pollutant of concern.</p> <p>(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)</p>	
<p>Responsible Party Contact Name & Title: <u>Leslie C Quish, PE</u></p> <p>Phone: <u>401-333-8415</u> Email: <u>lquish@lincolnri.org</u></p>	
IV.B.1.b.1	<p>Use the space below to provide a General Summary of activities implemented to educate your community on how to reduce stormwater pollution. For TMDL affected areas, with stormwater associated pollutants of concern, indicate rationale for choosing the education activity. List materials used for public education and topics addressed. Summarize implementation status and discuss if the activity is appropriate and effective.</p> <p>The Town hosts a website with a designated stormwater management page. The webpage includes educational videos and brochures for download. Copies of these brochures are provided in Appendix A. Hard copies of 10 Simple Things You Can Do to Help Clean RI Waters and 5 Reasons Why Feeding Water Fowl is Harmful are also available at the Town Hall. A yearly recycling mailing is sent to all residents to encourage proper recycling behaviors and reduce related pollution. Stickers were also applied to each recycling tote in town. The Town also utilizes facebook to promote pollution reduction and stormwater related items. The Conservation Commission also worked with one elementary school to promote the important of recycling and not littering and began advocating for in-school recycling and composting.</p>
IV.B.1.b.2	<p>Use the space below to provide a general summary of how the public education program was used to educate the community on how to become involved in the municipal or statewide stormwater program. Describe partnerships with governmental and non-governmental agencies used to involve your community.</p> <p>The public education program primarily educates the community through its website, facebook postings. The Lincoln Conservation also has a very active facebook page which educates the community on the impact littering has on our waterbodies. The Town works with the Conservation Commission on multiple Townwide cleanups per year.</p>

PUBLIC EDUCATION AND OUTREACH cont'd

Check all topics that were included in the Public Education and Outreach program during this reporting period. For each of the topics selected, provide:

Target Audience(s): Public Employees, Residents, General Public, Businesses, Industries, Restaurants, Contractors, Developers, Agriculture, Other (describe);

Target Pollutant(s): (e.g. pet waste, fertilizers, Total Suspended Solids, etc.);

Strategies/Media: Direct Mailings, List Servs, Kiosks or Other Displays, Newspaper Ads or Articles, Public Events or Presentations, School Programs, Printed Materials, Direct Trainings, Videos, Webpage, Other (describe)

Topic	Target Audience(s)	Target Pollutant(s)	Strategies/Media
<input checked="" type="checkbox"/> Construction Sites	Contractors/Builders	TSS, Sediments	Review/ Approve Plans
<input checked="" type="checkbox"/> Pesticide and Fertilizer Application	Homeowners	Phosphorus	Kiosks, Website
<input checked="" type="checkbox"/> General Stormwater Management Info	Contractors/ Developers/Owners	Sediment	Review/Approve Plans, Kiosks, Website
<input checked="" type="checkbox"/> Pet Waste Management	Homeowners	Bacteria	Kiosks, Website
<input checked="" type="checkbox"/> Household Hazardous Waste Disposal	Homeowners/ Contractors	Phosphorus, Chemicals	Review/Approve Plans/Website
<input checked="" type="checkbox"/> Recycling	Homeowners	Trash, Litter	Mailings, Kiosks, Website
<input type="checkbox"/> Illicit Discharge Detection and Elimination			
<input type="checkbox"/> Riparian Corridor Protection/Restoration			
<input type="checkbox"/> Infrastructure Maintenance			
<input type="checkbox"/> Trash Management			
<input type="checkbox"/> Smart Growth			
<input checked="" type="checkbox"/> Vehicle Washing	Homeowners	Phosphorous, Oil	Kiosks, Website
<input checked="" type="checkbox"/> Storm Drain Marking	Residents	Sediment, Bacteria	Drain Markings
<input type="checkbox"/> Water Conservation			
<input type="checkbox"/> Green Infrastructure/Better Site Design/LID			
<input type="checkbox"/> Wetland Protection			
<input type="checkbox"/> Other:			
<input type="checkbox"/> None			

Additional Measurable Goals and Activities

Please list all stormwater training attended by your staff during the 2024 calendar year and list the name(s) and position of all staff who attended the training.

Trainings:

Attending name of staff and title: _____

Attending name of staff and title: _____



**MINIMUM CONTROL MEASURE #2:
PUBLIC INVOLVEMENT/PARTICIPATION (Part IV.B.2 General Permit)**

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:											
<p>Include information relevant to the implementation of each measurable goal, such as types of activities and audiences/groups engaged. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.</p> <p>(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)</p>											
<p>Responsible Party Contact Name & Title: <u>Leslie Quish, PE, Town Engineer</u></p>											
<p>Phone: <u>401-333-8415</u> Email: <u>lquish@lincolnri.org</u></p>											
IV.B.2.b.2.ii	<p>Use the space below to describe audiences targeted for the public involvement minimum measure, include a description of the groups engaged, and activities implemented and if a particular pollutant(s) was targeted. If addressing TMDL requirements indicate how the audience(s) and/or activity address the pollutant(s) of concern. Name of person(s) and/or parties responsible for implementation of activities identified. Assess the effectiveness of BMP and measurable goal.</p>										
<p>In 2024, the Lincoln Conservation Commission organized 11 cleanup events with the community collecting more than 200 large bags of trash and litter. Please note that some cleanup events did not record their number of collected bags. The Conservation Commission also hosted an e-waste collection on May 3, 2024. The cleanup events were cohosted with Keep the Blackstone Clean and the Friends of the Blackstone.</p>											
<p>Opportunities provided for public participation in implementation, development, evaluation, and improvement of the Stormwater Management Program Plan (SWMPP) during this reporting period. Check all that apply:</p> <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> Cleanup Events</td> <td><input checked="" type="checkbox"/> Storm Drain Markings</td> </tr> <tr> <td><input type="checkbox"/> Comments on SWMPP Received</td> <td><input type="checkbox"/> Stakeholder Meetings</td> </tr> <tr> <td><input type="checkbox"/> Community Hotlines</td> <td><input type="checkbox"/> Volunteer Monitoring</td> </tr> <tr> <td><input type="checkbox"/> Community Meetings</td> <td><input type="checkbox"/> Plantings</td> </tr> <tr> <td><input type="checkbox"/> Other (describe)</td> <td></td> </tr> </table>		<input checked="" type="checkbox"/> Cleanup Events	<input checked="" type="checkbox"/> Storm Drain Markings	<input type="checkbox"/> Comments on SWMPP Received	<input type="checkbox"/> Stakeholder Meetings	<input type="checkbox"/> Community Hotlines	<input type="checkbox"/> Volunteer Monitoring	<input type="checkbox"/> Community Meetings	<input type="checkbox"/> Plantings	<input type="checkbox"/> Other (describe)	
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<input type="checkbox"/> Community Meetings	<input type="checkbox"/> Plantings										
<input type="checkbox"/> Other (describe)											
<p>Additional Measurable Goals and Activities</p>											

SECTION II. Public Notice Information (Parts IV.G.2.h and IV.G.2.i) *Note: attach copy of public notice

<p>Was the availability of this Annual Report and the Stormwater Management Program Plan (SWMPP) announced via public notice? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	<p>If YES, Date of Public Notice: <u>2/27/25</u></p>						
<p>How was public notified:</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> List-Serve (Enter # of names in List: _____)</td> <td><input checked="" type="checkbox"/> Newspaper Advertising</td> </tr> <tr> <td><input type="checkbox"/> TV/Radio Notices</td> <td><input type="checkbox"/> Town Hall posting</td> </tr> <tr> <td><input checked="" type="checkbox"/> Website</td> <td><input type="checkbox"/> Other:</td> </tr> </table> <p>Enter Web Page URL: <u>https://www.lincolnri.gov/170/Stormwater</u></p>		<input type="checkbox"/> List-Serve (Enter # of names in List: _____)	<input checked="" type="checkbox"/> Newspaper Advertising	<input type="checkbox"/> TV/Radio Notices	<input type="checkbox"/> Town Hall posting	<input checked="" type="checkbox"/> Website	<input type="checkbox"/> Other:
<input type="checkbox"/> List-Serve (Enter # of names in List: _____)	<input checked="" type="checkbox"/> Newspaper Advertising						
<input type="checkbox"/> TV/Radio Notices	<input type="checkbox"/> Town Hall posting						
<input checked="" type="checkbox"/> Website	<input type="checkbox"/> Other:						
<p>Was public meeting held? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>							
Date:	Where:						
<p>Summary of public comments received:</p>							
<p>Planned responses or changes to the program:</p>							



**MINIMUM CONTROL MEASURE #3:
ILLCIT DISCHARGE DETECTION AND ELIMINATION (Part IV.B.3 General Permit)**

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS	
<p>Include information relevant to the implementation of each measurable goal, such as activities implemented (when reporting tracked and eliminated illicit discharges, please explain the rationale for targeting the illicit discharge) to comply with on-going requirements, and illicit discharge public education activities, audiences and pollutants targeted. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.</p> <p>(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)</p> <p>Responsible Party Contact Name & Title: <u>Leslie Quish, PE, Town Engineer</u></p> <p>Phone: <u>401-333-8415</u> Email: <u>lquish@lincolnri.org</u></p> <p>Has <i>this person</i> received training on Illicit Discharge Detection and Elimination (IDDE)? <u>Yes</u></p> <p>If yes, when and where? <u>May 3, 2022 hosted by Buzzards Bay Natural Estuary Program and Mass Maritime Academy</u></p> <p>If no, who <i>is</i> trained on IDDE? _____</p>	
IV.B.3.b.1:	<p>If the outfall map was not completed, use the space below to indicate reasons why, proposed schedule for completion of requirement and person(s)/ Department responsible for completion. (The Department recommends electronic submission of updated EXCEL Tables if this information has been amended.)</p> <p>Number of Outfalls Mapped within regulated area: <u>146</u></p> <p>Percent Complete: <u>100%</u></p> <p>If 100% Complete, Provide Date of Completion: <u>2013</u></p>
<p>The Town previously identified and mapped 146 outfalls in 2013.</p> <p>Beta Group was retained in 2022 to conduct two rounds of catch basin inspections and map pipe connectivity. During this process, Beta located additional outfalls in 2022. The second round of catch basin inspections occurred in 2023 and the results are being finalized along with the ownership of the newly identified outfalls. While some of the newly identified outfalls are not true outfalls (some are discharge pipes into stormwater basins, or owned by others), the Town expects that the total number of outfalls within the regulated area will increase. Due to ongoing changes in staffing levels, this work did not occur in 2024 but the Town expects to finalize this work in 2025.</p>	
IV.B.3.b.2	<p>Indicate if your MS4 chose to implement the tagging of outfalls activity under the IDDE minimum measure, activities and actions undertaken under the 2024 calendar year.</p> <p>All outfalls located during the 2013 outfall inventory were located with a handheld GPS device and were added to the Town's GIS database. All new outfalls identified in 2022 were also geolocated and will be added to the Town's GIS website once review of data and determination of ownership is complete.</p>
IV.B.3.b.3	<p>Use the space below to provide a summary of the implementation of recording of system additional elements (catch basins, manholes, and/or pipes). Indicate if the activity was implemented as a result of the tracing of illicit discharges, new MS4 construction projects, and inspection of catch basins required under the IDDE and Pollution Prevention and Good Housekeeping Minimum Measures, and/or as a result of TMDL related requirements and/or investigations. Assess effectiveness of the program minimizing water quality impacts.</p> <p>Catch basins and drain manholes were previously located with handheld GPS equipment and a GIS based map depicting the locations of catch basins, manholes, and outfalls was provided with the 2013 Annual Report. This activity was not the result of tracing illicit discharges, but has aided the Town with the maintenance of the drainage structures.</p>

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

IV.B.3.b.4	<p>Indicate if the IDDE ordinance was not developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement. Date of Adoption: <u>1985</u> If the Ordinance was amended in 2024, please indicate why changes were necessary.</p>
IV.B.3.b.5.ii, iii, iv, & v	<p>Use the space below to provide a summary of the implementation of procedures for receipt and consideration of complaints, tracing the source of an illicit discharge, removing the source of the illicit discharge and program evaluation and assessment as a result of removing sources of illicit discharges. Identify person(s) / Department and/or parties responsible for the implementation of this requirement.</p> <p>If an illicit discharge is suspected, the complaint would be forwarded to the Town Engineer or the Director of Public Works for field inspection. Depending on the suspected connection, the Town's Sewer contractor would assist in the review. If an illicit connection is found, the owner of the property would be given a written notice with direction to eliminate the connection by a specific date.</p>
IV.B.3.b.5.vi	<p>Use the space below to provide summary of implementation of catch basin and manhole inspections for illicit connections and non-stormwater discharges. If the required measurable goal of inspecting all catch basins and manholes for this purpose was not accomplished, please indicate reasons why, the proposed schedule of completion and identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement. The operator must keep records of all inspections and corrective actions required and completed. Number of Catch Basins and Manholes Inspected for illicit connections/IDDE: <u>1280 plus 508 (pending ownership confirmation)</u> Percent Complete: <u>100</u> % Date of Completion: <u>2006, 2022, and 2023</u></p> <p>This work was completed in 2006 however due to staffing changes the records cannot be located. Beta Group was retained in 2022 to inspect all Town owned catch basins once in 2022 and again in 2023. Beta completed the first round of inspections in 2022 and again in 2023. A copy of Beta's inspection report is provided in Appendix D.</p>
IV.B.3.b.5.vii	<p>If dry weather surveys including field screening for non-stormwater flows and field tests of selected parameters and bacteria were not completed, indicate reasons why, proposed schedule for the completion of this measurable goal and person(s) / Department and/or parties for the completion of this requirement. Evaluate effectiveness of the implementation of this requirement. The results of the dry weather survey investigations should be submitted to RIDEM electronically, if not already submitted or if revised since 2009, in the RIDEM-provided EXCEL Tables and should include visual observations for all outfalls during both the high and low water table timeframes, as well as sampling results for those outfalls with flow. The EXCEL Tables must include a report of all outfalls and indicate the presence or absence of dry weather discharges. Number of Outfalls Surveyed Jan-Apr: <u>146</u> Number of Outfalls Surveyed Jul-Oct: <u>146</u> Percent Complete: <u>100</u> % Date of Completion: <u>2020</u></p> <p>The dry weather survey was completed in 2013 and the wet weather survey was completed in 2019 and 2020. Results of these were previously provided. During Beta's 2022 catch basin inspection and connectivity analysis, additional outfalls were located. While some of the newly identified outfalls are not true outfalls (some are discharge pipes into stormwater basins, or owned by others), the Town expects that the total number of outfalls within the regulated area will increase. Follow-up inspections are required to determine ownership. Due to staffing changes and limitations, this did not occur in 2024. A copy of Beta's inspection report is provided in Appendix C.</p>
IV.B.3.b.7	<p>Use the space below to provide a description of efforts and actions taken as a result of for coordinating with other physically interconnected MS4s, including State and federal owned or operated MS4s, when illicit discharges were detected or reported. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.</p>

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

IV.B.3.b.8	Use the space below to provide a description of efforts and actions taken for the referral to RIDEM of non-stormwater discharges not authorized in accordance to Part I.B.3 of this permit or another appropriate RIPDES permit, which the operator has deemed appropriate to continue discharging to the MS4, for consideration of an appropriate permit. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
This did not occur in 2024.	
IV.B.3.b.9	Use the space below to provide a description of efforts and actions taken to inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste, as well as allowable non-stormwater discharges identified as significant contributors of pollutants. Include a description on how this activity was coordinated with the public education minimum measure and the pollution prevention/good housekeeping minimum measure programs. Identify person(s) / Department and/or parties responsible for the implementation of this requirement. Evaluate effectiveness of the implementation of this requirement.
Informative pamphlets, that address pollutant prevention, are available on the Town's website as well as in Town Hall. The Town Engineer is responsible for maintaining this website and providing the pamphlets	
Additional Measurable Goals and Activities	

SECTION II.A Other Reporting Requirements - Illicit Discharge Investigation and System Mapping (Part IV.G.2.m)

# of Illicit Discharges Identified in 2024: 0	# of Illicit Discharges Tracked in 2024: 9
# of Illicit Discharges Eliminated in 2024: 0	# of Complaints Received: 0
# of Complaints Investigated: 0	# of Violations Issued: 0
# of Violations Resolved: 0	# of Unresolved Violations Referred to RIDEM: 0
Total # of Illicit Discharges Identified to Date (since 2003): 1	Total # of Illicit Discharges remaining unresolved at the end of 2024: 0
Summary of Enforcement Actions:	
<p>Beta Group previously identified potential illicit discharges during the 2022/2023 catch basin inspection project and further inspected 9 potential illicit discharges in 2024. Based on their follow up inspections, discharges were clear, odorless, free of turbidity and oil sheens, and staining was not present. While algae growth was observed, illicit discharges were not suspected.</p>	

ILLICIT DISCHARGE DETECTION AND ELIMINATION cont'd

Total # of Outfalls identified and mapped to date: <u>149</u>					
Total # of Interconnections with other MS4s identified and mapped to date: <u>3</u>					
Extent to which the MS4 system has been mapped (% complete): <u>Catch basins, manholes, and outfalls 100% GIS mapped in previous years. Pipe connectivity between structures and outfalls GIS mapped in 2022.</u>					
Identify how the following components of the MS4 system have been mapped:	Not mapped	GIS	Auto CAD	Paper	Other (please specify)
Catch basins	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manholes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pipes, ditches, and other conduits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flow direction and connectivity	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interconnections with other regulated MS4s	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MS4-owned stormwater controls (BMPs, not including catch basins or manholes)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Some are mapped, some are not
Delineation of outfall catchment/drainage areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION II.B Interconnections (Parts IV.G.2.k and IV.G.2.l)

Interconnection:	Date Found:	Location:	Name of MS4:	Originating Source:	Planned and Coordinated Efforts and Activities with Connectee:
I-1	2016	Intersection of Ascension Street	Lincoln to RIDOT	Town Road Runoff	
I-2	2017	Intersection of Vose Street and Railroad Street	Lincoln to RIDOT	Town Road Runoff Sheet flow only, no direct connection	
I-3	2022	Intersection of Smith Sreet and Smithfield Ave	Lincoln to RIDOT	Town Road Runoff	



**MINIMUM CONTROL MEASURE #4:
CONSTRUCTION SITE STORMWATER RUNOFF CONTROL
(Part IV.B.4 General Permit)**

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:	
<p>Include information relevant to the implementation of each measurable goal, such as activities implemented to support the review, issuance and tracking of permits, inspections and receipt of complaints. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.</p> <p>(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)</p> <p>Responsible Party Contact Name & Title: <u>Leslie Quish, Town Engineer</u></p> <p>Phone: <u>401-333-8415</u> Email: <u>lquish@lincolnri.org</u></p>	
IV.B.4.b.1	<p>Indicate if the Sediment and Erosion Control and Control of Other Wastes at Construction Sites ordinance was not developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement.</p> <p>Date of Adoption: <u>2004 amended in 2015</u></p> <p>If the Ordinance was amended in 2024, please indicate why changes were necessary and provide references to the amended portions of the local codes/ordinances.</p>
IV.B.4.b.6	<p>Use the space below to describe actions taken as a result of receipt and consideration of information submitted by the public.</p> <p>If a resident calls to report an erosion issue, the Town Engineer or Public Works Director will review in the field. In 2024, calls from the public were received on three separate construction projects one of which is continued to coordinated with RIDEM as phases of construction are completed.</p> <p>Enforcement techniques utilized to address the issues include shutting down construction sites and withholding certificate of occupancies until erosion control issues are resolved. These measures are effective.</p>
IV.B.4.b.8	<p>Use the space below to describe activities and actions taken as a result of referring to the State non-compliant construction site operators. The operator may rely on the Department for assistance in enforcing the provisions of the RIPDES General Permit for Stormwater Discharges Associated with Construction Activity to the MS4 if the operator of the construction site fails to comply with the local and State requirements of the permit and the non-compliance results or has the potential to result in significant adverse environmental impacts.</p> <p>One large construction site continues to be coordinated with the State to help achieve compliance.</p>
Additional Measurable Goals and Activities	

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL cont'd

SECTION II. A - Plan and SWPPP/SESC Plan Reviews during Year 21 (2024), Part IV.B.4.b.2: Issuance of permits and/or implementation of policies and procedures for all construction projects resulting in land disturbance of greater than 1 acre.
Part IV.B.4.b.4: Review 100% of plans and SWPPPs/SESC Plans for construction projects resulting in land disturbance of 1-5 acres, not reviewed by other State programs, must be conducted by adequately trained personnel and incorporate consideration of potential water quality impacts.

# of Construction Applications Received: <u> 3 </u>	
# of Construction Reviews Completed: <u> 3 </u>	
# of Permits/Authorizations Issued: <u> 3 </u>	
Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.	
<p>Land disturbances greater than 1 acre are required to submit a SWPPP (conforming to RIPDES requirements). If the project requires Planning Board Approval, this submittal and Town review occurs at the Preliminary Plan review stage. These plans are reviewed by the Town Engineer, the Technical Review Committee, and the Planning Board. Projects not requiring Planning Board approval are reviewed by the Town Engineer through the Erosion Control Permit Application process.</p>	
<p>In 2024, three projects that disturbed greater than one acre of land were reviewed at the Preliminary Plan stage. Both projects have received Preliminary Plan approval and the required RIDEM permits.</p>	
<p>Six other project that disturbed less than one acre of land were reviewed during the Planning Board process. 24 construction sites for single family dwelling properties were reviewed during 2024. Three separate erosion control permits were issued for construction projects less than one acre.</p>	
Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Leslie Quish, PE Town Engineer	
Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained": Holds her professional engineering license. - Completed RI Erosion and Sediment Control Level 1 Online Training -	

SECTION II.B - Erosion and Sediment Control Inspections during Year 21 (2024), Parts IV.G.2.n and IV.B.4.b.7: Inspection of 100% of all construction projects within the regulated area that discharge or have the potential to discharge to the MS4. (The program must include two inspections of all construction sites, first inspection to be conducted during construction for compliance of the Erosion and Sediment controls at the site, the second to be conducted after the final stabilization of the site.) Inspections must be conducted by adequately trained personnel.

# of Active Construction Projects: 6 plus 24 single family lots	
# of Site Inspections: 30 plus 30 single family homes	# of Complaints Received: 3
# of Violations Issued: 1	# of Unresolved Violations Referred to RIDEM: 0

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL cont'd

Summary of Enforcement Actions, include an evaluation of the effectiveness of the program.

Each construction site is inspected a minimum of twice during construction for erosion controls by either the Town Engineer, the Public Works Director, or their appointee; once upon installation of erosion controls and once at completion of work. Sites that warrant more frequent inspections are inspected more frequently. In 2024, erosion control inspections were tracked in an excel spreadsheet. Over 30 inspections were recorded for active construction projects plus 30 additional inspections for single family dwellings. If corrective actions are required based on an inspection, Contractors are verbally informed and followed up with an email. If corrective actions are not taken, a written notice is issued.

In 2024, we received complaints regarding one large construction project and two smaller single family residential projects. One single family dwelling project was issued a Notice of Violation and the issues have since been primarily resolved.

Identify person(s) /Department and/or parties responsible for the implementation of this requirement: **Leslie Quish, Town Engineer**

Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained": **Holds her professional engineering license. Completed RI Erosion and Sediment Control Level 1 Online Training - December 20, 2019**



**MINIMUM CONTROL MEASURE #5:
POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND
REVELOPMENT
(Part IV.B.5 General Permit)**

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:	
<p>Include information relevant to the implementation of each measurable goal, such as activities implemented to support the review, issuance and tracking of permits, inspections and receipt of complaints, etc. Please indicate if any projects have incorporated the use of Low Impact Development techniques. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.</p> <p>(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)</p> <p>Responsible Party Contact Name & Title: <u>Leslie Quish, PE, Town Engineer</u></p> <p>Phone: <u>(401) 333-8415</u> Email: <u>lquish@lincolnri.org</u></p>	
IV.B.5.b.5	<p>Use the space below to describe activities and actions taken to coordinate with existing State programs requiring post-construction stormwater management.</p> <p>All land development projects, subdivisions, and single family house building permit applications are required to provide post-construction stormwater controls in accordance with applicable regulations. Plans are reviewed either under the planning board approval process, erosion control permit process, or building permit process for single family dwellings. The Town Engineer conducts inspections of projects that result in public improvements as well as single family dwellings. The Town requires private developments obtain an engineer to inspect and certify that private developments are constructed in accordance with the approved design plans. Final approvals and acceptances of work are not issued until the stormwater controls are properly installed.</p>
IV.B.5.b.6	<p>Use the space below to describe actions taken for the referral to RIDEM of new discharges of stormwater associated with industrial activity as defined in §1.4(A)(111) in the <i>Regulations for the Rhode Island Pollutant Discharge Elimination System</i> (RIPDES Regulations) (the operator must implement procedures to identify new activities that require permitting, notify RIDEM, and refer facilities with new stormwater discharges associated with industrial activity to ensure that facilities will obtain the proper permits).</p> <p>If projects or land disturbance activities require RIDEM approvals, Town approvals will not be granted without RIDEM permits in hand. There were no proposed industrial projects in 2024.</p>
IV.B.5.b.9	<p>Indicate if the Post-Construction Runoff from New Development and Redevelopment Ordinance was not developed, adopted, and submitted to RIDEM, explain reasons why, submit proposed schedule for completion and identify person(s) / Department and/or parties responsible for the completion of this requirement.</p> <p>Date of Adoption: <u>2004 amended 2015</u></p> <p>If the Ordinance was amended in 2024, please indicate why changes were necessary. Please also indicate if amendments have been made based on the 2010 RI Stormwater Design and Installation Standards Manual, and provide references to the amended portions of the local codes/ordinances.</p> <p>Post-construction stormwater control requirements are provided in the Land Development and Subdivision Regulations and the Soil Erosion and Sedimentation Ordinance. The regulations state that the stormwater management system for construction activities must be in conformance with the current edition of the RIDEM Rhode Island Stormwater Design and Installation Standards Manual</p>
IV.B.5.b.12	<p>Use the space below to describe activities and actions taken to identify existing stormwater structural BMPs discharging to the MS4 with a goal of ensuring long term O&M of the BMPs.</p> <p>No new existing BMPs were identified during 2024.</p>

POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
cont'd

Additional Measurable Goals and Activities

SECTION II.A. - Plan and SWPPP/SWMP Reviews during Year 21 (2024), Part IV.B.5.b.4: Review 100% of post-construction BMPs for the control of stormwater runoff from new development and redevelopment projects that result in discharges to the MS4 which incorporates consideration of potential water quality impacts (the program requires reviewing 100% of plans for development projects greater than 1 acre, not reviewed by other State programs). Plan reviews must be conducted by adequately trained personnel.

of Post-Construction Applications Received: 6
 # of Post-Construction Reviews Completed: 6
 # of Permits/Authorizations Issued: 6

Summary of Reviews and Findings, include an evaluation of the effectiveness of the program.
Proposed post construction stormwater controls are reviewed by the Town Engineer either at the Preliminary Plan Stage of the Planning Board review process or during the Soil Erosion Permit process for subdivisions and land development projects. Post construction stormwater controls for projects that go before the Planning Board, as well as all land disturbances greater than an acre, must comply with the current edition of the *Rhode Island Stormwater Design and Installation Standards Manual*. In 2024, there was 6 such projects reviewed.

Identify person(s) /Department and/or parties responsible for the implementation of this requirement:
Leslie Quish, Town Engineer; Stephanie Davies, Town Planner; Planning Board

Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained":
Town Engineer has a professional civil engineering license and had 10 years experience as a consultant prior to working for the Town. Additionally, the Town Engineer attended the RIDEM 2-day workshop on the Rhode Island Stormwater Design and Installation Standards Manual in January 2011.

SECTION II.B. - Post Construction Inspections during Year 21 (2024), Parts IV.G.2.o and IV.B.5.b.10 - Proper Installation of Structural BMPs: Inspection of BMPs, to ensure these are constructed in accordance with the approved plans (the program must include inspection of 100% of all development greater than one acre within the regulated areas that result in discharges to the MS4 regardless of whom performs the review). Inspections must be conducted by adequately trained personnel.

# of Active Construction Projects: 7	# of Construction Projects Completed:0
# of Site Inspections for proper Installation of BMPs:0	# of Complaints Received:2
# of Violations Issued:0	# of Unresolved Violations Referred to RIDEM:0

Summary of Enforcement Actions:
There are 7 active land development projects/subdivisions which are over an acre. No post construction stormwater BMPs or required follow up inspections one of which was completed in 2024 with the exception of three single family dwellings that when combined are over an acre. The remaining projects are at various stages of completion and/or already completed their BMPs.

Complaints have been received from two projects that are over an acre from abutters. All projects are currently under construction and the complaint involved both temporary stormwater controls and permanent controls. One of the projects is being coordinated with RIDEM.

Identify person(s) /Department and/or parties responsible for the implementation of this requirement: **The Town Engineer designed stormwater water management systems for 10 years prior to working at the Town of Lincoln.**

Identify the type and date of training this person(s)/parties has/have received to be considered "adequately trained": **The Town Engineer has her professional engineering license. Additionally, the Town Engineer attended the RIDEM 2-day workshop on the Rhode Island Stormwater Design and Installation Standards Manual in January 2011.**

POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
cont'd

SECTION II.C. - Post Construction Inspections during Year 21 (2024), Parts IV.G.2.p and IV.B.5.b.11 - Proper Operation and Maintenance of Structural BMPs: Describe activities and actions taken to track required Operations and Maintenance (O&M) actions for site inspections and enforcement of the O&M of structural BMPs. Tracking of required O&M actions for site inspections and enforcement of the O&M of structural BMPs.

# of Site Inspections for proper O&M of BMPs: 18 Town Owned	# of Complaints Received: 0
# of Violations Issued:	# of Unresolved Violations Referred to RIDEM:
Summary of Activities and Enforcement Actions. Evaluate the effectiveness of the Program in minimizing water quality impacts. 18 Town-owned stormwater basins were inspected and maintained in 2024. The Town does not inspect privately owned BMPs. If the Town discovers a privately owned BMP in need of maintenance, the Town will contact the person for the deficient site. This is the responsibility of the Public Works Department.	
Identify person(s) /Department and/or parties responsible for the implementation of this requirement: Public Works Department	

Strategies for requiring the use of non-structural Low Impact Development (LID) site design practices and techniques into stormwater management designs for new and redevelopment projects, check all that apply in your municipality/MS4:

- None
- Ordinances or by-laws requiring LID standards (e.g. reduced road widths, % conservation land, etc.)
- Ordinances or by-laws requiring LID design at conceptual review (i.e., Pre-application and/or Master Plan) stages for municipal review prior to plans being engineered.
- Ordinances or by-laws requiring LID standards only in impaired waterbody drainage areas
- Local development regulations requiring use of LID to the maximum extent practicable
- LID Guidance available in written form
- LID Guidance available at pre-application meetings
- Other strategies to ensure incorporation of LID to the maximum extent practicable, describe:

The Land Development and Subdivision Regulations, and the Soil Erosion and Sediment Control Ordinance, require new developments comply with the RIDEM Stormwater Design and Installations Manual, which includes LID design components. New single family dwellings are reviewed for general conformance with the State of Rhode Island Stormwater Management Guidance for Single-Family Residential Lot Development.

Person(s)/Department responsible for reviewing submissions for LID: Town Engineer, Town Planner, Planning Board

Person(s)/Department/Board responsible for approving submissions for LID at Preliminary and/or Final Review, if applicable:
Town Engineer, Town Planner, Planning Board

Are you aware of the Municipal LID Self-Assessment that was introduced by the DEM and RI NEMO in 2019 and finalized and distributed in March 2020?

- Yes No

A final version of the Municipal LID Self-Assessment is available on the DEM's website:

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/t4guide/lid-checklist-primer.pdf>

Additional guidance is also available:

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/t4guide/lid-assessment-fs.pdf>

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/pdfs/lidfactsheet.pdf>

<http://www.dem.ri.gov/programs/benviron/water/permits/ripdes/stwater/t4guide/lidplan.pdf>

Did your community complete the Municipal LID Self-Assessment? Yes No

If yes and it was completed in 2024, please provide a copy as an attachment to this Annual Report, if you have not already submitted it.

If no, does your community plan to complete it?

- Yes No

If No, why not? _____

POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
cont'd

Strategies being implemented to ensure long-term Operation and Maintenance (O&M) of privately-owned structural stormwater BMPs, check all that apply in your municipality/MS4:

- None
- Ordinances or by-laws identify BMP inspection responsible party
- Ordinances or by-laws identify BMP maintenance responsible party
- Ordinances or by-laws identify BMP inspections and maintenance requirements
- Ordinances or by-laws provide for easements or covenants for inspections and maintenance
- Ordinances or by-laws require for every constructed BMP an inspections and maintenance agreement
- Ordinances or by-laws contain requirements for documenting and detailing inspections
- Ordinances or by-laws contain requirements for documenting and detailing maintenance
- Ordinances or by-laws contain authority to enforce for lack of maintenance or BMP failure
- The MS4 is responsible for inspections of all privately-owned BMPs
- The MS4 is responsible for maintenance of all privately-owned BMPs
- Establishment of escrow account for use in case of failure of BMP
- Other strategies to ensure long-term O&M of privately-owned BMPs, describe:

All new subdivisions are required to have privately owned BMPs. The Planning Board approvals require a Home Owners Association (if on multiple lots) and a Maintenance Agreement recorded against all applicable property deeds outlining maintenance requirements and responsibilities for all.

Does your municipality/MS4 require the use BMPs Operations and Maintenance Agreements? YES NO

If YES, please indicate if the Operations and Maintenance Agreements include the following:

- | | | |
|---|---|-----------------------------|
| a. Party responsible for the long-term O&M of permanent stormwater management BMPs | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| b. A description of the permanent stormwater BMPs that will be operated and maintained | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| c. The location of the permanent stormwater BMPs that will be operated and maintained | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| d. A timeframe for routine and emergency inspections and maintenance of all permanent stormwater management BMPs | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| e. A requirement that all inspections and maintenance activities are documented | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| f. Annual submission of inspection/maintenance certification/documentation to the MS4 | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| g. Stormwater management easement for access for inspections and maintenance or the preservation of stormwater runoff conveyance, infiltration, and detention areas and other stormwater controls and BMPs by persons other than the property owner | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO |
| h. Steps available for addressing a failure to maintain the stormwater controls and BMPs | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

Please elaborate, if appropriate: **The Town requires that a maintenance agreement be recorded against the property deeds for all new subdivisions outlining the maintenance requirements for BMPs. An easement is created around the stormwater basin and access to the Town is granted for emergency situations. Long Term Operation plans are required for all developments over an acre.**

Does your municipality/MS4 keep an inventory of privately-owned BMPs? YES NO

For privately-owned structural BMPs, does your municipality/MS4 have a system for tracking:

- | | | |
|---|------------------------------|--|
| a. Agreements and arrangements to ensure O&M of BMPs? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| b. Inspections? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| c. Maintenance and schedules? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| d. Complaints? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| e. Non-Compliance? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |
| f. Enforcement actions? | <input type="checkbox"/> YES | <input checked="" type="checkbox"/> NO |

POST CONSTRUCTION STORMWATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT
cont'd

Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections, and maintenance? YES NO

If yes, please elaborate on which tools are used:

An excel spreadsheet is utilized to keep track of Town-owned BMP inspection and maintenance. Known privately owned BMPs are listed but maintenance is not tracked.

NOTE: BMP maintenance tasks can be a great way to involve and educate the community to their purpose and function. BMPs



**MINIMUM CONTROL MEASURE #6:
POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS
(Part IV.B.6 General Permit)**

SECTION I. OVERALL EVALUATION:

GENERAL SUMMARY, STATUS, APPROPRIATENESS AND EFFECTIVENESS OF MEASURABLE GOALS:

Include information relevant to the implementation of each measurable goal, such as activities and practices used to address on-going requirements, and personnel responsible. Discuss activities to be carried out during the next reporting cycle. If addressing TMDL requirements, please indicate rationale for the activities chosen to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)

Responsible Party Contact Name & Title: Leslie Quish, Town Engineer

Phone: 401-333-8415 **Email:** lquish@lincolnri.org

IV.B.6.b.1.i	<p>Use the space below to describe activities and actions taken to identify structural BMPs (these include but are not limited to: retention/detention basins, vegetated treatment, infiltration and pre-treatment controls, etc.) owned or operated by the small MS4 operator (the program must include identification and listing of the specific location and a description of all structural BMPs in the SWMPP and update the information in the Annual Report). Evaluate appropriateness and effectiveness of this requirement.</p> <p>Do you have an inventory of MS4-owned/operated BMPs? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>Total # of MS4-owned/operated BMPs (does not include CBs or MHs): <u>57</u></p>
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IV.B.6.b.1.ii	<p>Use the space below to describe activities and actions taken for inspections, cleaning and repair of detention/retention basins, storm sewers and catch basins with appropriate scheduling given intensity and type of use in the catchment area. Evaluate appropriateness and effectiveness of this requirement.</p> <p># of MS4-owned/operated BMPs inspected in 2024: <u>18 stormwater basins</u></p> <p># of MS4-owned/operated BMPs maintained/cleaned in 2024: <u>18 stormwater basins</u></p> <p># of MS4-owned/operated BMPs repaired in 2024: <u>1 stormwater basin</u></p> <p>Does your municipality/MS4 have a system for tracking:</p> <table style="width: 100%;"> <tr> <td>a. Inspection schedules of MS4-owned BMPs?</td> <td><input checked="" type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> </tr> <tr> <td>b. Maintenance/cleaning schedules of MS4-owned BMPs?</td> <td><input checked="" type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> </tr> <tr> <td>c. Repairs, corrective actions needed?</td> <td><input checked="" type="checkbox"/> YES</td> <td><input type="checkbox"/> NO</td> </tr> <tr> <td>d. Complaints?</td> <td><input type="checkbox"/> YES</td> <td><input checked="" type="checkbox"/> NO</td> </tr> </table> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track stormwater BMPs, inspections, and maintenance? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>	a. Inspection schedules of MS4-owned BMPs?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	b. Maintenance/cleaning schedules of MS4-owned BMPs?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	c. Repairs, corrective actions needed?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	d. Complaints?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. Inspection schedules of MS4-owned BMPs?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO											
b. Maintenance/cleaning schedules of MS4-owned BMPs?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO											
c. Repairs, corrective actions needed?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO											
d. Complaints?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO											

The list of Town owned BMPs and maintenance schedule is tracked in an excel spreadsheet.

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

IV.B.6.b.1.iii	<p>Use the space below to describe activities and actions taken to support the requirement of yearly inspection and cleaning of all catch basins (a lesser frequency of inspection based on at least two consecutive years of operational data indicating the system does not require annual cleaning might be acceptable). Evaluate appropriateness and effectiveness of this requirement.</p> <p>Total # of CBs within regulated area (including SRPW and TMDL areas): <u>1280 confirmed, 508 pending</u></p> <p># of CBs inspected in 2024: <u>1338</u> % of Total inspected: <u>100%</u></p> <p># of CBs cleaned in 2024: <u>37</u> % of Total cleaned: <u>3</u></p> <p>If determined, approximate quantity of sand/debris collected by cleaning of catch basins: <u>40 cy</u></p> <p>Location used for the disposal of debris: <u>Rhode Island Resource Recovery</u></p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the inspections and cleaning of catch basins? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>Beta Group inspected all Town catch basins in 2022 and 2023.</p>	
IV.B.6.b.1.iv	<p>Use the space below to describe activities and actions taken to minimize erosion of road shoulders and roadside ditches by requiring stabilization of those areas. Evaluate appropriateness and effectiveness of this requirement.</p>
<p>The vast majority of Town streets have stabilized shoulders due to the presence of curb, sidewalk, and/or loam and seed. When areas of erosion are identified, or reported, the Town Engineer or Public Works Director investigates the issue to identify the solution. DPW staff is notified to address the issue, most commonly done by the installation of berms or riprap. During heavy storms some road shoulders experiences erosive forces, all areas were stabilized with riprap.</p>	
IV.B.6.b.1.v	<p>Use the space below to describe activities and actions taken to identify and report known discharges causing scouring at outfall pipes or outfalls with excessive sedimentation, for the Department to determine on a case-by-case basis if the scouring or sedimentation is a significant and continuous source of sediments. Evaluate appropriateness and effectiveness of this requirement.</p>
<p>This did not occur in 2024.</p>	
IV.B.6.b.1.vi	<p>Use the space below to indicate if all streets and roads within the urbanized area were swept annually and if not indicate reason(s). The operator is required to sweep all streets and roads within the regulated area annually unless a lesser frequency can be justified based on at least two consecutive years of data indicating the street or road does not require annual sweeping. Evaluate appropriateness and effectiveness of this requirement.</p> <p>Total roadway miles within regulated area (including SRPW and TMDL areas): <u>105 miles</u></p> <p>Roadway miles that were swept in 2024: <u>105 miles</u> % of Total swept: <u>100%</u></p> <p>Type of sweeper used: <input type="checkbox"/> Rotary brush street sweeper <input checked="" type="checkbox"/> Vacuum street sweeper</p> <p>If determined, approximate quantity of sand/debris collected by sweeping of streets and roads: <u>154 tons</u></p> <p>Location used for the disposal of debris: <u>Rhode Island Resource Recovery</u></p> <p>Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track the annual sweeping of streets and roads? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

IV.B.6.b.1.vii	Use the space below to describe activities and actions taken for controls to reduce floatables and other pollutants from the MS4. Evaluate appropriateness and effectiveness of this requirement.
<p>Street sweeping and catch basin cleanings are effective at reducing floatables within the MS4. Local ordinances require that trash and recycling containers not be placed out before 5pm the night before collection to limit the risk of debris spreading. Trash must be place in closed bags and recyclables are only collected from bins that that are closed</p>	
IV.B.6.b.1.viii	<p>Use the space below to describe the method for disposal of waste removed from MS4s and waste from other municipal operations, including accumulated sediments, floatables and other debris and methods for record-keeping and tracking of this information.</p> <p>Do you have a system for tracking actions to remove and dispose of waste? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>The collected material is disposed of at Rhode Island Resource Recovery. Trash is collected on a weekly basis and recyclables are collected every other week. The clean ups run by the Conservation Commission often clean debris from waterbodies which is also disposed of at Rhode Island Resource Recovery.</p>	
IV.B.6.b.2	<p>Use the space below to describe any operations under the MS4's legal control, including activities and facilities, that have the potential to introduce pollutants into stormwater runoff, such as pesticide/herbicide/fertilizer application, chemical and waste handling and storage, vehicle fueling, vehicle washing, vehicle maintenance, sand/salt storage, snow disposal, facilities such as public works facilities with maintenance and storage yards, waste transfer stations, municipal wastewater and water treatment facilities, and municipal parking owned and operated by the MS4.</p> <p>Does your MS4 have any salt piles, or piles containing salt, used for deicing? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If yes: Are these piles covered to prevent exposure to rain, snow, snowmelt and/or runoff? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>If yes, check the type of cover used: <input checked="" type="checkbox"/> Weatherproof permanent structure/shelter <input type="checkbox"/> A temporary, secured, durable, waterproof covering (e.g., tarpaulin, polyethylene, polyurethane)</p> <p>Are these piles located on impermeable surfaces? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>
<p>The Highway Department inspects equipment, and processing and material handling areas for pollutant releases. Any observed issues are addressed immediately. Roads are treated with a sand/salt mix (2 parts sand to 1 part salt) during the winter. The road sand/salt mix is stored in a covered salt barn which reduces the migration of pollutants into adjacent areas. Waste oil is stored in a shed which is maintained on a regular basis. The Highway Department staff were trained on the Town's Storm Water Pollution Prevention Plan in 2009. Beta Engineering prepared a new Stormwater Pollution Prevention Plan for the Highway Garage Facility in 2021, a copy of which was provided in the 2021 annual report.</p>	
IV.B.6.b.5	<p>For all facilities with discharges of stormwater associated with industrial activity, use the space below to describe and indicate activities and corrective actions for the evaluation of compliance. This evaluation must include visual quarterly monitoring; routine visual inspections of designated equipment, processes, and material handling areas for evidence of, or the potential for, pollutants entering the drainage system or point source discharges to waters of the State; and inspection of the entire facility at least once a year for evidence of pollution, evaluation of BMPs that have been implemented, and inspection of equipment. A Compliance Evaluation report summarizing the scope of the inspection, personnel making the inspection, major observations related to the implementation of the Stormwater Management Plan (formerly known as a Stormwater Pollution Prevention Plan), and any actions taken to amend the Plan must be kept for record-keeping purposes.</p>

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

SECTION II.A - Structural BMPs (Part IV.B.6.b.1.i) These include but are not limited to: retention/detention basins, vegetated treatment, infiltration, and pre-treatment controls, etc.

BMP ID:	Location:	Name of BMP Owner/Operator:	Description of BMP:	Frequency of Inspection:
1	Ann Drive (end of cul-de-sac)	Town of Lincoln	Detention Basin	Every other year
2	Barbette Drive	Town of Lincoln	Detention Basin	Every other year
3	4 Logan Drive	Town of Lincoln	Detention Basin	Every other year
4	1 Bridle Drive	Town of Lincoln	Detention Basin	Every other year
5	2 East Butterfly Way	Town of Lincoln	Detention Basin	Every other year
6	6 East Butterfly Way	Town of Lincoln	Detention Basin	Every other year
7	Monarch Way (behind 11 & 13 East Butterfly Way)	Town of Lincoln	Detention Basin	Every other year
8	8 Graywood Drive	Town of Lincoln	Detention Basin	Every other year
9	Cider Mill Lane (@7 Great Meadow)	Town of Lincoln	Detention Basin	Every other year
10	8 Cider Mill Lane	Town of Lincoln	Detention Basin	Every other year
11	Intersection of Whalen & Meeting House	Town of Lincoln	Unknown	Every other year
12	22 Ducarl Drive	Town of Lincoln	Detention Basin	Every other year
13	3 Foxwood Drive	Town of Lincoln	Detention Basin	Every other year
14	31 Greenwood Lane	Town of Lincoln	Detention Basin	Every other year
15	17 Wingate Road	Town of Lincoln	Detention Basin	Every other year
16	1 Lynn Lane	Town of Lincoln	Detention Basin	Every other year
17	4 Stephanie Drive	Town of Lincoln	Detention Basin	Every other year
19	17 Paddock Drive	Town of Lincoln	Detention Basin	Every other year
20	1 Citation Court	Town of Lincoln	Detention Basin	Every other year
21	9 Grandstand Drive	Town of Lincoln	Detention Basin	Every other year
22	8 King Philip Road	Town of Lincoln	Detention Basin	Every other year
23	5 Lantern Brook Drive	Town of Lincoln	Unknown	Every other year
24	Amica Center Blvd (Eastern Side at Rt 116)	Town of Lincoln	Detention Basin	Every other year
25	Amica Center Blvd (Western Side at Rt 116)	Town of Lincoln	Detention Basin	Every other year
26	Amica Center Blvd (Near Blackstone Valley Rd. – Northeastern)	Town of Lincoln	Detention Basin	Every other year
27	Amica Center Blvd (Near Blackstone Valley Rd. – Northeastern)	Town of Lincoln	Detention Basin	Every other year

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

28	Lincoln Meadows	Town of Lincoln	Detention Basin	Every other year
29	8 Ashley Drive	Town of Lincoln	Swale	Every other year
30	12 Ashley Drive	Town of Lincoln	Detention Basin	Every other year
31	18 Meadow Glen Drive	Town of Lincoln	Detention Basin	Every other year
32	9 Deerfield Court	Town of Lincoln	Detention Basin	Every other year
33	14 Morgan Court	Town of Lincoln	Detention Basin	Every other year
34	11 Bridle Drive	Town of Lincoln	Detention Basin	Every other year
35	Eagle Nest Drive (at cul-de-sac)	Town of Lincoln	Detention Basin	Every other year
36	1 Eagle Nest Drive	Town of Lincoln	Detention Basin	Every other year
37	23/25 South Eagle Dr	Town of Lincoln	Detention Basin	Every other year
38	31 South Eagle Nest Drive	Town of Lincoln	Detention Basin	Every other year
39	Old Jenckes Hill Rd. (behind 3 & 5 Fair Oaks)	Town of Lincoln	Unknown	Every other year
40	9 Pascale Drive	Town of Lincoln	Detention Basin	Every other year
41	Quality Drive	Town of Lincoln	Unknown	Every other year
42	15 Red Brook Crossing	Town of Lincoln	Detention Basin	Every other year
43	22 Red Brook Crossing	Town of Lincoln	Detention Basin	Every other year
44	30 Suffolk Way	Town of Lincoln	Detention Basin	Every other year
45	25 Fair Oaks Dr	Town of Lincoln	Detention Basin	Every other year
46	17 Steeple Lane	Town of Lincoln	Detention Basin	Every other year
47	33 Steeple Lane	Town of Lincoln	Detention Basin	Every other year
48	2 Thornwood Drive	Town of Lincoln	Detention Basin	Every other year
49	Lincoln Senior Center	Town of Lincoln	Detention Basin 1	Every other year
50	Lincoln Senior Center	Town of Lincoln	Detention Basin 2	Every other year
51	Lincoln Senior Center	Town of Lincoln	Detention Basin 3	Every other year
52	Lime Acres Park	Town of Lincoln	Bioretention Basin	Every other year
53	Lincoln Senior Center	Town of Lincoln	Sand Filter	Every other year
54	Old River Road- Lincoln Police Station	Town of Lincoln	Bioretention Basin 1	Every other year
55	Old River Road- Lincoln Police Station	Town of Lincoln	Bioretention Basin 2	Every other year
56	Pine Tree Lane	Town of Lincoln	Detention Basin	Every other year
57	Manchester Farm Rd at Kerry Lane	Town of Lincoln	Detention Basin	Every other year

POLLUTION PREVENTION AND GOOD HOUSEKEEPING IN MUNICIPAL OPERATIONS cont'd

Private 1	Christian Court	Property Owner/HOA	Detention Basin	Unknown
Private 2	Presidential Estates	Property Owner/HOA	Detention Basin	Unknown
Private 3	Red Brook Crossing	Property Owner/HOA	Detention Basin	Unknown
Private 4	Reverie Lane	Property Owner/HOA	Detention Basin	Unknown
Private 5	Sables Way (2)	Property Owner/HOA	Detention Basin	Unknown
Private 6	Steeple Lane	Property Owner/HOA	Detention Basin	Unknown
Private 7	Winterberry Road	Property Owner/HOA	Detention Basin	Unknown
Private 8	Rockyroad Ave	Property Owner/HOA	Subsurface Infiltration	Yearly
Private 9	Lincoln Meadows (2)	Property Owner/HOA	Detention Basin	Yearly
Private 10	Cobble Hill (Lincoln Crossings)	Developer until complete, then HOA	Detention Basin	Yearly
Private 11	Rockyroad Ave	Developer until complete, then property owner	Subsurface Infiltration	Yearly
Private 12	Chase Lane Extension	Property Owner/HOA	Detention Basin	Yearly
Private 13	Kirkbrae Ledges	Developer until complete, then property owner	Detention Basin with swales	Yearly
Private 14	Realm Court	Developer until complete, then property owner	Detention Basin with sand filter	Yearly
Private 15	Realm Court	Developer until complete, then property owner	Infiltration Basin	Yearly
Private 16	Whitman Way	Property Owern/HOA	Detention Basin	Yearly

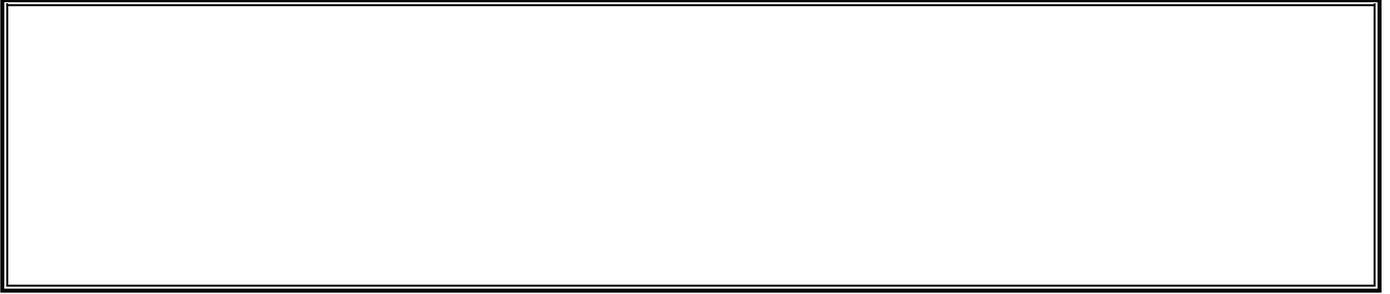
SECTION II.B - Discharges Causing Scouring or Excessive Sedimentation (Part IV.B.6.b.1.v)

Outfall ID:	Location:	Description of Problem:	Description of Remediation Taken, include dates:	Receiving Water Body Name/Description:
See Appendix C				

SECTION II.C - Note any planned municipal/MS4-owned construction projects/opportunities to incorporate water quality BMPs, low impact development, or activities to promote infiltration and recharge (Part IV.G.2.j).

The Town was in the design stage for a Centralized Rescue Station as well as new gymnasiums at the four elementary schools. All projects were designed in accordance with the Rhode Island Stormwater Design and Installations Manual and required RIDEM permits. The Town of Lincoln is also currently in the design process of multiple stormwater improvement projects to mitigate flooding issues. Consultants are being used for the these projects and they will be designed in accordance with RIDEM Stormwater Design and Installations Standard Manual to the maximum extent practical.

SECTION II.D - Please include a summary of results of any other information that has been collected and analyzed. This includes any type of data (Part IV.G.2.e).





TOTAL MAXIMUM DAILY LOAD (TMDL) or other Water Quality Determination REQUIREMENTS

SECTION I. If you have been notified that discharges from your MS4 require non-structural or structural stormwater controls based on an approved TMDL or other water quality determination, please provide an assessment of the progress towards meeting the requirements for the control of stormwater identified in the approved TMDL (Part IV.G.2.d). Please indicate rationale for the activities chosen to address the pollutant of concern.

(Note: Identify parties responsible for achieving the measurable goals and reference any reliance on another entity for achieving measurable goals. Mark with an asterisk (*) if this person/entity is different from last year.)

Responsible Party Contact Name & Title: Leslie C. Quish, PE

Phone: 401-333-8415 Email: lquish@lincolnri.org

LIST OF IMPAIRED WATERS:			
Impaired Water Body: Blackstone River WBID: RI0001003R-01A	Pollutants Causing Impairments: Cadmium, Lead, Fecal Coliform, Enterococcus	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Blackstone River WBID: RI0001003R-01A	Pollutants Causing Impairments: Iron, Dissolved Oxygen, Phosphorous, Mercury in Fish Tissue, PCB in Fish Tissue,	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Scott Pond WBID: RI0001003L-01	Pollutants Causing Impairments: Copper	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Scott Pond WBID: RI0001003L-01	Pollutants Causing Impairments: Phosphorus, Dissolved oxygen	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Barney Pond WBID: RI0003008L-02	Pollutants Causing Impairments: Phosphorus	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Moshassuck River & Tribs WBID: RI0003008R-01A	Pollutants Causing Impairments: Enterococcus	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Moshassuck River & Tribs WBID: RI0003008R-01A	Pollutants Causing Impairments: Benthic-Macroinvertebrate Bioassessments	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Impaired Water Body: Mussey Brook WBID: RI0001003R-16	Pollutants Causing Impairments: Enterococcus	Has TMDL been completed? Has MS4 been notified of TMDL requirements? Has MS4 developed a Scope of Work or TMDL Implementation Plan?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

TOTAL MAXIMUM DAILY LOAD (TMDL) OR OTHER WATER QUALITY DETERMINATION REQUIREMENTS cont'd

What kind of public education and outreach strategy does the MS4 implement to target each pollutant of concern? (e.g., signage on installed stormwater controls, resources on website, pamphlets about litter, pet waste, grass clippings, fertilizer use, etc.)				
Pollutant of Concern: Phosphorus		Strategy: Pamphlets in Town Hall and on Website, previous education mailings		Target Audience: Residents surrounding Scott Pond
Pollutant of Concern: Phosphorus, Bacteria		Strategy: Stormwater mitigation for new developments		Target Audience: Developers
Has the MS4 installed stormwater BMPs or required the installation of stormwater BMPs on private property to address impairments? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
If yes, indicate the name of the impaired water body associated with the stormwater control, type of stormwater control, date installed, ownership, and who is responsible for maintenance:				
Impaired water body	Type of Stormwater Control:	Date Installed:	<input type="checkbox"/> Municipally/MS4-Owned <input type="checkbox"/> Privately-Owned	Who maintains it?
[
Additional enhanced minimum measures used to address water quality issues (e.g., increased street sweeping or catch basin cleaning in areas with high pollutant loading, installation of floatable traps/screens, etc.):				



SPECIAL RESOURCE PROTECTION WATERS (SRPWs)

SECTION I. In accordance with Title 250 RICR-150-10-1 (“RIPDES Regulations”) §1.32(A)(5)(a)(7), on or after March 10, 2008, any discharge from a small municipal separate storm sewer system to any Special Resource Protection Waters (SRPWs) or impaired water bodies within its jurisdiction must obtain permits if a waiver has not been granted in accordance with RIPDES Regulations §1.32(G)(5)(c). A list of SRPWs can be found in Title 250-RICR-150-05-1 (“Water Quality Regulations”) §1.28 at this link:

<https://rules.sos.ri.gov/regulations/part/250-150-05-1>

The State of Rhode Island 2024 Impaired Waters Report (April 2024) can be found here:

<https://dem.ri.gov/sites/g/files/xkqbur861/files/2024-10/ridem-impaired-waters-report-24.pdf>

If you have discharges from your MS4 (regardless of its location) to any of the listed SRPWs or impaired waters (including impaired waters when a TMDL has not been approved), please provide an assessment of the progress towards expanding the MS4 Phase II Stormwater Program to include the discharges to the aforementioned waters and adapting the Six Minimum Control Measures to include the control of stormwater in these areas. Please indicate a rationale for the activities chosen to protect these waters. Please note that all of the measurable goals and BMPs required by the 2003 MS4 General Permit may not be applicable to these discharges.

The segment of the Blackstone River located in Lincoln (RI0001003R-01A) is listed as an impaired water body and Special Resource Protection Water for Ecological Habitat, Critical Habitat, and Unique Freshwater Wetland.

DRAFT