

Year 7 Annual Report
New Hampshire Small MS4 General Permit
Reporting Period: July 1, 2024-June 30, 2025

*****Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites*****

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2024 and June 30, 2025 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name:

Title:

Street Address Line 1:

Street Address Line 2:

City:

State:

Zip Code:

Email:

Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address):

Date SWMP was Last Updated:

If the SWMP is not available on the web please provide the physical address:

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

Impairment(s)

- ☐ Bacteria/Pathogens
 ☐ Chloride
 ☐ Nitrogen
 ☒ Phosphorus
 ☐ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

- ☒ Bacteria and Pathogen
 ☐ Chloride
 ☐ Lake and Pond Phosphorus

Clear Impairments and TMDLs

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

Year 7 Requirements

- ☒ Completed catchment investigations associated with Problem Outfalls
☒ Completed catchment investigations where information gathered on the outfall/interconnection indicated sewer input

Annual Requirements

- ☒ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
☒ Kept records relating to the permit available for 5 years and made available to the public
☒ The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - ☒ This is not applicable because we do not have sanitary sewer
 - ☐ This is not applicable because we did not find any new SSOs
 - ☐ The updated SSO inventory is attached to the email submission
 - ☐ The updated SSO inventory can be found at the following publicly available website:
- ☒ Updated system map due in year 10 with information from completed catchment investigations
☐ Provided training to employees involved in IDDE program within the reporting period
☒ Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
☒ All curbed roadways were swept at least once within the reporting period
☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities

- ☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- ☒ Updated inventory of all permittee owned facilities as necessary
- ☒ O&M programs for all permittee owned facilities have been completed and updated as necessary
- ☒ Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- ☒ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- ☒ Inspected all permittee owned treatment structures (excluding catch basins)

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

- ☒ Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☒ Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- ☒ Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

** Public education messages can be combined with other public education requirements as applicable (see Appendix F and H for more information)*

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Phosphorus Impairment

Annual Requirements

*Public Education and Outreach**

- ☒ Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers
- ☒ Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☒ Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

** Public education messages can be combined with other public education requirements as applicable (see Appendix F and H for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit
- ☒ part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall) or swept at least once in the spring and implemented a fall leaf litter collection program

Structural BMPs

- ☐ Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (e.g. *biofiltration*):

- Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus removed in mass per year by the BMP were documented.
- ☒

- ☒ No BMPs were installed
- ☐ The BMP information is attached to the email submission
- ☐ The BMP information can be found at the following website:

Total estimated phosphorus removed in **lbs/year** from the installed BMPs: 0

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Structural BMP - The Town has identified a number of potential implementation opportunities and locations to construct a stormwater BMP. However, due to budgetary limitations, no properties have been modified or retrofitted with BMPs to date.

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Optional: Use the box below to provide any additional information you would like to share as part of your self-assessment:

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Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

☐ Yes

☒ No

If yes, describe below, including any relevant impairments or TMDLs:

Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

MCM1: Public Education

Number of educational messages completed during this reporting period: 4

Below, report on the educational messages completed during this reporting period. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.

BMP: Seasonal Message - Green Grass and Clear Water

Message Description and Distribution Method:

Posted a brochure called the Green Grass and Clear Water providing information on the management of lawns at the Town Hall, on the Town's Facebook page, and on the Town's dedicated stormwater website for download.

Targeted Audience: Residents

Responsible Department/Parties: Town of Litchfield

Measurable Goal(s):

Provide a seasonal message encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers. Reached 265 receivers.

Message Date(s): April 1, 2025 and Continuous / Ongoing

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP: Seasonal Message, - Flyer, Be a Leaf Hero

Message Description and Distribution Method:

Distributed "Be a Leaf Hero" flyers during Fall 2024 season to educate residents about proper leaf disposal. Flyers were placed in the atrium of town hall and posted on the town's website as well as the town's Facebook page.

Targeted Audience: Residents

Responsible Department/Parties: Town of Litchfield

Measurable Goal(s):

Distribute flyers through multiple avenues. Flyers were placed in the atrium of town hall and posted on the

town's website as well as the town's Facebook page.

Message Date(s): September 1 and October 9, 2024; and Continuous / Ongoing

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP: Seasonal Message - Pet Waste Management Brochure

Message Description and Distribution Method:

Posted a brochure on proper management and disposal of pet waste as created by the Piscataqua Region Estuaries Partnership at the Town Hall, on the Town's Facebook page, and on the Town's dedicated stormwater website for download.

Targeted Audience: Residents

Responsible Department/Parties: Town of Litchfield

Measurable Goal(s):

Provide a seasonal message encouraging the proper management of pet waste. Reached 2,500 followers on Facebook.

Message Date(s): April 17, 2025 and Continuous / Ongoing

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP: National Stormwater Day

Message Description and Distribution Method:

Posted a message advertising National Stormwater Day on the Town's Facebook page.

Targeted Audience: Residents

Responsible Department/Parties: Town of Litchfield

Measurable Goal(s):

Provide a message advertising National Stormwater Day on the Town's Facebook page on November 15, 2024. Reached 2,500 followers on Facebook.

Message Date(s): November 15, 2024 and Continuous / Ongoing

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

Add an Educational Message

MCM2: Public Participation

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) during this reporting period:

SWMP Plan for Download - The Town has posted the SWMP Plan on Town website along with contact information to allow for public comment. Documents and records relating to the permit are retained and available for 5 years to the public at the Town Office, 2 Liberty Way, Litchfield, NH and the town's website. No input was received and records continue to be maintained.

Was this opportunity different than what was proposed in your NOI? Yes ☐ No ☒

Describe any other public involvement or participation opportunities conducted during this reporting period:

The Town also hosted a Stormwater Asset Management Level of Service Workshop meeting on May 12, 2025. Invitations were physically posted, emailed and mailed to 7 Boards, 4 departments, and the general public. This was held as part of a comprehensive asset management program administered under a grant obtained through the New Hampshire Department of Environmental Services.

The primary goal of the asset management program was to support decision making and facilitate communication between the Town staff, elected officials, and members of the public in order to provide continuous, reliable, sustainable, high-quality service to the community. Objectives of the project were to:

- Develop GIS-based asset inventory.
- Establish Level of Service (LOS) goals.
- Establish a framework to prioritize maintenance and replacement of assets.
- Create a written Asset Management Plan.

In part, this program completed a comprehensive inventory of stormwater infrastructure, including catch basins, manholes, outfalls, and pipes to assess condition and elevation throughout a portion of the MS4 area focused on the most highly developed areas of the community.

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

- ☒ This SSO section is NOT applicable because we DO NOT have sanitary sewer

*Below, report on the number of SSOs identified in the MS4 system and removed **during this reporting period**.*

Number of SSOs identified: 0

Number of SSOs removed: 0

MS4 System Mapping

Percent of Phase II map complete: 60

Optional: Provide additional status information regarding your map:

All known outfalls, stormwater BMPs, and receiving waterbodies with impairments have been mapped to date. Initial catchment delineations have also been completed based on topographic mapping and available stormwater system information, and are being refined as additional field information is collected during catchment investigations. The Town has also substantially mapped catch basins and manholes, and is working to complete mapping of piping connectivity. Mapping of open channel conveyances and interconnections with other MS4s (e.g. DOT) is ongoing, and it is expected that this will continue as part of DOT's own mapping efforts to be completed under a future TS4 permit. The Town is also working to identify data gaps in its drainage mapping (e.g., catch basins without piping, disconnected drainage networks, etc.) and is actively mapping and investigating these. Any new infrastructure discovered through this process will be mapped and screened as necessary by the end of Year 10.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.

- ☐ No outfalls were inspected
- ☒ The outfall screening data is attached to the email submission
- ☐ The outfall screening data can be found at the following publicly available website:

*Below, report on the number of outfalls/interconnections screened **during this reporting period**.*

Number of outfalls screened: 6

*Below, report on the percent of total outfalls/ interconnections screened **to date**.*

Percent of outfalls screened: 100

Optional: Provide additional information regarding your outfall/interconnection screening:

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- ☒ No catchment investigations were conducted
- ☐ The catchment investigation data is attached to the email submission
- ☐ The catchment investigation data can be found at the following publicly available website:

Below, report on the number of catchment investigations completed during this reporting period.

Number of catchment investigations completed this reporting period: 0

Below, report on the percent of catchments investigated to date.

Percent of total catchments investigated: 0

Optional: Provide any additional information for clarity regarding the catchment investigations below:

The Town is in the process of mapping pipe connectivity which will determine the need for Key Junction Manhole inspections within the various catchment areas. Many catchments do not have Key Junction Manholes, and the Town has no sewer system and corresponding System Vulnerability Factors that would require wet weather outfall sampling; thus catchment investigations are considered complete once outfalls have been screened for dry weather flow. Once pipes have been mapped, catchment investigations will proceed and be completed by the end of Year 10.

IDDE Progress

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- ☒ No illicit discharges were found
- ☐ The illicit discharge removal report is attached to the email submission
- ☐ The illicit discharge removal report can be found at the following publicly available website:

Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed during this reporting period.

Number of illicit discharges identified: 0

Number of illicit discharges removed: 0

Estimated volume of sewage removed: 0 gallons/day

*Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed **since the effective date of the permit (July 1, 2018).***

Total number of illicit discharges identified: 0

Total number of illicit discharges removed: 0

Optional: Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

Employee Training

Describe the frequency and type of employee training conducted **during this reporting period:**

MCM4: Construction Site Stormwater Runoff Control

*Below, report on the construction site plan reviews, inspections, and enforcement actions completed **during this reporting period.***

Number of site plan reviews completed: 4

Number of inspections completed: 131

Number of enforcement actions taken: 0

Optional: Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

Site plans reviews were completed for the following projects:

- 457 CBH, LLC Tax Map 20 Lot 18-1 Finnegan Fence
- 461 CBH, LLC Tax Map 20 Lot 18-3 Jolt Electric
- 255 Rt. 102 Rose Meadows apartments
- Tallarico St

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment

As-built Drawings

Below, report on the number of as-built drawings received during this reporting period.

Number of as-built drawings received: 1

Optional: Enter any additional information relevant to the submission of as-built drawings:

Street Design and Parking Lots Report

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

No changes made to date. To be determined upon final release of the upcoming revised Phase II Permit and pending discussions between various departments and boards.

Green Infrastructure Report

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

No changes made to date. To be determined upon final release of the upcoming revised Phase II Permit and pending discussions between various departments and boards.

Retrofit Properties Inventory

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas:

As provided by NHDES and EPA, the following parcels were identified as having the largest impervious cover:

- DPW and Transfer Station, 151 Hillcrest Road (note, located outside of the urbanized area).
- Roy Memorial Park, 4 Wood Hawk Way
- Griffin Memorial School, 255 Charles Bancroft Hwy (note, located outside of the urbanized area).
- Brook Road Baseball Field, 12 Brook Road
- Aaron Cutler Memorial Library, 269 Charles Bancroft Hwy (note, located outside of the urbanized area).

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.e of the permit and the type of BMP(s) implemented. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

No properties have been modified or retrofitted with BMPs to date.

MCM6: Good Housekeeping

Catch Basin Cleaning

*Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins **during this reporting period**.*

Number of catch basins inspected: 274

Number of catch basins cleaned: 274

Total volume or mass of material removed from all catch basins: 27 cubic yards

Below, report on the total number of catch basins in the MS4 system.

Total number of catch basins: 378

If applicable:

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

Street Sweeping

*Report on the number of miles swept **during this reporting period** below.*

Number of miles cleaned: 116

*Report either the volume or weight of street sweeping materials collected **during this reporting period** below.*

☒ Volume of material removed: 34 cubic yards

☐ Weight of material removed: [Select Units]

Stormwater Pollution Prevention Plan (SWPPP)

Below, report on the number of site inspections for facilities that require a SWPPP completed during this reporting period.

Number of site inspections completed: 0

Describe any corrective actions taken at a facility with a SWPPP:

The Town has no standalone maintenance garage or other waste handling facility. The Town's Highway Garage and Transfer Station are located on adjacent parcels outside the urbanized area and have no closed drainage system. Rather, runoff sheet flows into nearby wooded areas. Based on the location of both facilities, surrounding land uses and topography, it has been determined that both facilities do not discharge to the Town's MS4 or a Waterbody of the United States under any conditions.

Additional Information**Monitoring or Study Results**

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

- ☒ Not applicable
☐ The results from additional reports or studies are attached to the email submission
☐ The results from additional reports or studies can be found at the following website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

The Town has recently undertook a comprehensive asset management program administered under a grant obtained through the New Hampshire Department of Environmental Services. The primary goal of the asset management program was to support decision making and facilitate communication between the Town staff, elected officials, and members of the public in order to provide continuous, reliable, sustainable, high-quality service to the community. Objectives of the project were to:

- Develop GIS-based asset inventory.
- Establish Level of Service (LOS) goals.
- Establish a framework to prioritize maintenance and replacement of assets.
- Create a written Asset Management Plan.

In part, this program completed a comprehensive inventory of stormwater infrastructure, including catch basins, manholes, outfalls, and pipes to assess condition and elevation throughout a portion of the MS4 area focused on the most highly developed areas of the community.

Additional Information

Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above.

Year 8

Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 8 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree ☒

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt

- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 8 below:

Part V: Certification of Small MS4 Annual Report 2025**40 CFR 144.32(d) Certification**

I certify under penalty of law that this document and all attachments were prepared under my 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.

Name:

Kim Kleiner

Title:

Town Administrator

Signature:

Kim Kleiner

Date:

9/25/2025

*[Signatory may be a duly authorized
representative]*