

Year 7 Annual Report

New Hampshire Small MS4 General Permit

EXISTING PERMITTEES


Reporting Period: July 1, 2024 - June 30, 2025

Town of Durham

EPA NPDES Permit Number NHR041006

Certification of Small MS4 Year 7 Annual Report

"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 gathered and evaluated 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, 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."

Printed Name: Richard Reine	
Title: Director of Public Works	
Signature: 	Date: 9/29/25

Authorized Representative:

The authorization letter is:

☐ Attached to this document (document name listed below):

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☒ Publicly available at the website:

<https://www.ci.durham.nh.us/publicworks/stormwater>

Primary MS4 Program Manager Contact Information:

Name: Richard Reine	Title/Position: Director of Public Works		
Department: Public Works Department			
Street Address: 100 Stone Quarry Drive			
City: Durham	State: New Hampshire	Zip Code: 03824	
Email: rreine@ci.durham.nh.us	Phone Number: 603-868-5578		

Small MS4 Authorization

The following annual report, which serves as a self-assessment, is intended to document the activities undertaken over the **reporting period from July 1, 2024, through June 30, 2025**, in accordance with the Permit.

Please do not attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure that any websites included on this form are to publicly accessible sites and that links are correct and valid.

*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.*

The Notice of Intent (NOI) can be found at the following (document name or web address):

https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Compliance activities have been identified and described in the Town of Durham's Stormwater Management Program Plan (SWMP) and Illicit Discharge Detection and Elimination (IDDE) Plan. Those documents and other pertinent Year 7 information can be found in submission or at the following websites, and will be referred to throughout this report:

SWMP: https://www.ci.durham.nh.us/publicworks/stormwater
Date SWMP was Last Updated: September 2025
IDDE Program Plan: https://www.ci.durham.nh.us/publicworks/stormwater
Updated System Map: Durham Public Works Office
Updated SSO Inventory: Not Applicable
Updated Inventory and Ranking of Outfalls/Interconnections with System Vulnerability Factors: Not Applicable
Dry Weather Screening Data: See Page 2 of the Attached Year 7 IDDE Catchment Investigations
Wet Weather Screening Data: See Page 3 of the Attached Year 7 IDDE Catchment Investigations
Catchment Investigation Data: See Attached Year 7 IDDE Catchment Investigations
Illicit Discharge Removal Report: Not Applicable
Results from additional stormwater or receiving water quality monitoring reports or studies Not Applicable
PTAP 2025 Nutrient Reduction Report: See attached submission
Salt Reduction Plan: https://www.ci.durham.nh.us/publicworks/stormwater
Annual Salt Usage Report See attached submission
Updated Nitrogen Source Identification Report: Not Applicable
PTAP 2025 Nutrient Reduction Report: See attached submission

Updated Phosphorus Source Identification Report: Not Applicable
Chloride Reduction Plan: Not Applicable
Annual Salt Usage Report: See attached submission Durham NH Salt Use Reporting Form Year 7
Lake Phosphorus Control Plan Not Applicable

Self-Assessment

Select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the [2020/2022 EPA approved Section 303\(d\) Impaired Waters List](#) which was used for the Year 7 reporting period and can be found on the [New Hampshire Department of Environmental Services \(NHDES\) webpage](#).

All **Appendix F and H requirements** can be found under “Appendix F and H: Water Quality Limited Waters & TMDLs” section of this report.

Impairment(s)		
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input checked="" type="checkbox"/> Chloride	<input checked="" type="checkbox"/> Nitrogen
<input type="checkbox"/> Phosphorus	<input type="checkbox"/> Solids/Oil/Grease (Hydrocarbons)/Metals	
TMDL(s)		
<input checked="" type="checkbox"/> Bacteria and Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Lake and Pond Phosphorus

Receiving Waters/Impaired Waters/TMDL

Have there been any changes to your lists of **receiving waters or impairments** since the NOI was submitted?

☒ No

There have been no changes to the lists of **receiving waters or impairments** since the NOI submission.

Have there been any changes to your **list of outfalls** since the NOI was submitted?

☒ Yes

Changes have been made to the **list of outfalls** since the NOI submission.

A total of 1 outfall(s) has been removed.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*: 15

Were any of the messages below different than what was proposed in your NOI?

☒ No.

BMP: Grass and Fertilizer

Outreach Resources:

Grass and fertilizer related flyers, mailers, postcards, videos and social media posts found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of “Green Grass and Clean Water” and municipally created flyers, mailers, postcards, videos, and social media posts. “Green Grass and Clean Water” materials were produced by UNH Cooperative Extension, NH Sea Grant, and NHDES outlining simple recommendations to keep lawns healthy while reducing water quality impacts - including proper fertilizer techniques and disposal of grass clippings.



Targeted Audience:

Residential and Business and Institutions

Responsible Department/Parties:

Public Works Department

Measurable Goal(s):

Residents that are lawn care enthusiasts understand the potential water quality impacts from fertilizer and improper disposal of grass clippings and are aware of the proper lawn care management techniques for reducing those impacts. Measurement includes quantity of materials distributed.

Following are the number of impressions the social media posts received ***during this reporting period:***

Year 7 = 4,259 of impressions

Goal was achieved.

Messaging featured in the Durham Public Works Newsletter issued Spring 2025
https://www.ci.durham.nh.us/sites/default/files/fileattachments/public_works/page/21231/spring_2025_dpw_newsletter_final.pdf

Also promoted in Durham Friday Updates June 27, 2025. The weekly Durham Friday Updates email is sent to 4,259 email addresses (subscribers). See
<https://www.ci.durham.nh.us/fridayupdates>

BMP: Pet Waste Disposal

Outreach Resources:

Pet waste related flyers, mailers, postcards, and videos found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of “Every Drop” and municipally created flyers, mailers, postcards, brochures, with educational information about proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. May include the “Every Drop” pledge to pick up pet waste to be made available during dog registration and other events or venues (veterinarians, dog training, groomers, etc.). Every Drop is a collaborative education effort with PREP, NHDES and other partners.

<p>EVERY DROP MATTERS – POOP PATROL!</p>  <p>Protect our community's outdoor playgrounds for yourself, your pooch, and our environment. Add your name and our Town in the form HERE and take the pledge to scoop the poop, every time. Did you know that NHDES reports out which Towns have received the most pledges!? Please help us to show how much our community cares. Also, if you see that someone has left their pooch's poop behind, please pick it up!</p> <p>As a reminder Durham Ordinance #2018-5 and Chapter 49 of the Town Code requires the removal of dog excrement/feces. 1st offense is \$25, 2nd offense is \$50 and 3rd offense is \$150.</p>	<p>Targeted Audience:</p> <p>Residents - Pet Owners</p> <p>Responsible Department/Parties:</p> <p>Durham Public Works</p> <p>Measurable Goal(s):</p> <p>Dog owners and/or dog walkers are aware of the potential water quality impacts from pet waste, local pet waste ordinances, and how to dispose of pet waste properly. If pledges are signed, there will be an increase of dog owners committed to picking up pet waste.</p> <p>The messaging was featured in the April 18, 2025, April 25, 2025, and June 27, 2025 Friday Updates.</p>
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Following is the number of residents that pledged through the PREP “Every Drop” website **during this reporting period:**

Year 7 = 12

(<https://www.nhms4.des.nh.gov/sites/g/files/ehbemt636/files/documents/2025-07/year-7-every-drop-online-pledges.pdf>)

Following is the number of dog poop bags the town replaced in town parks **during this reporting period:**

Year 7: 30,000 as measured by ordered quantity throughout the year.

Goal was achieved.

Protect the community's outdoor playgrounds for yourself, your pooch, and the environment. Add your name and the Town (Durham!) in the form at the link [HERE](#) and take the pledge to scoop the poop, every time. Did you know that NHDES reports out which Towns have received the most pledges!? Please help to show how much our community cares.

Also, if you see that someone has left their pooch's poop behind, please pick it up!

As a reminder Durham Ordinance #2018-5 and Chapter 49 of the Town Code requires the removal of dog excrement/feces. 1st offense is \$25, 2nd offense is \$50 and 3rd offense is \$150.

Message Date: Summer or time of license renewal, "Scoop the Poop" Town Regulation message posted in Durham Community Friday Updates on April 18, 2025, April 25, 2025, and June 27, 2025 found here <https://www.ci.durham.nh.us/fridayupdates>

BMP: Septic System Maintenance

Outreach Resources:

Septic system related brochures, letters, videos, and social media posts found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of Get Pumped NH, EPA, and municipally created brochures, letters, videos, and social media posts educating New Hampshire homeowners with septic systems on how to identify, locate and maintain those systems. Get Pumped NH is a collaboration effort between the New Hampshire Association of Septage Haulers (NHASH) and the NHDES.

Targeted Audience:

Septic System Owners

Responsible Department/Parties:

Public Works Department

Measurable Goal(s):

Residents are aware of water quality impacts from septic systems, the importance of maintaining septic systems, and how to maintain them.

SEPTIC SYSTEM MAINTENANCE IS IMPORTANT - Some residents may not even know they have one!
A rule of thumb is that if you are not on Durham's municipal sewer system, you have a septic tank -- and it needs ongoing maintenance. Getting your septic system pumped doesn't just help to keep it functioning properly. It also helps our community stay safe by keeping wastewater out of the Oyster and Lamprey Rivers, as well as the Great Bay Estuary. Learn more [HERE](#).

Septic System Maintenance Tips were also provided in the Fall 2024 newsletter.

https://www.ci.durham.nh.us/sites/default/files/fileattachments/public_works/page/21231/tod_p_w_fall_2024_newsletter.pdf

Goal was achieved.

Message Date: Septic System Maintenance and getpumpednh.com messaging posted in Durham Community Friday Updates on June 27, 2025, found here

<https://www.ci.durham.nh.us/fridayupdates>

The Building/Code Enforcement Office reported that less than 20 septic systems were reconstructed between July 1, 2024, and June 30, 2025. They also reported that there are some cases where the State approved replacements that the Town did not review. Brochures are available at Building/Code Enforcement Office/Public Works Office.

BMP: Disposal of Leaf and Grass Clippings

Outreach Resources:

Leaf and grass clippings related flyers, brochures, pledges, door hangers, and videos found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of municipally created flyers, brochures, pledges, door hangers, and videos with messaging about impacts from yard waste to waterbodies, alternatives to dumping yard waste, and laws against dumping yard waste near or in waterbodies.

WATER QUALITY FRIENDLY LAWN CARE - Tips on where not to pile yard waste

One of the first activities drawing us outside in the spring is tidying up the accumulation of twigs, pine needles, and decaying leaves left behind during the winter. As this plant material decomposes, it releases nutrients, so there's no need to aim for immaculate, but important to let the sunlight through.

The bulk of the raked-up yard waste should be put in an area where it can compost away from any drainage area or water body.

NEVER, rake yard waste into a storm drain, down a riverbank, or adjacent to any water body. Excess nutrients in a water body lead to algae blooms that rob aquatic and marine animals of oxygen, obscure water clarity, and even decrease adjacent property values.

Learn more about composting [HERE](#).

Message Featured in Friday Updates October 25, 2024, April 28, 2025, and June 27, 2025 found here

<https://www.ci.durham.nh.us/fridayupdates> as well as their Fall 2024 newsletter

https://www.ci.durham.nh.us/sites/default/files/fileattachments/public_works/page/21231/tod_pw_fa ll_2024_newsletter.pdf

Town of Durham has implemented a composting effort/program by Composting Campaign (Supplying the composting bins for free or at a reduced rate, allowing the public to drop off compostable materials at municipally owned properties, and/or providing educational materials and challenges on the water quality benefits of composting, etc.).

Message posted in Durham Community Friday Updates on August 30, 2024, September 20, 2024 September 27, 2024 , March 14, 2025, and June 27, 2025 found here

<https://www.ci.durham.nh.us/fridayupdates?page=1>



Targeted Audience:

Residential and Business and Institutions

Responsible Department/Parties:

Durham Public Works

Measurable Goal(s):

Residents are aware of the water quality impacts of yard waste dumping near or in water bodies and safe alternatives for yard waste disposal.

Following is the number of residents that viewed brochures and flyers **during this reporting period.**

Year 7 = 4,259

Goal was achieved.

Message Date: Messaging posted in Durham Community Friday Updates on August 30, 2024, September 13, 2024, September 20, 2024. , September 27, 2024 and October 25, 2024 found here <https://www.ci.durham.nh.us/fridayupdates>

In Year 7, the Fall 2024 newsletter listed Household Hazardous Waste Collection Day was scheduled on December 7, 2024. This information was also shared on the Town's website and via the communities Friday Updates.

BMP: Construction/Developers Outreach

Outreach Resources:

Construction/developers related letter and fact sheets found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

- ☐ Provide the Construction General Permit (CGP) outreach letter and fact sheets to developers, construction contractors, and other municipal or local organizations to educate them on the EPA 2022 Construction General Permit along with information on the selection, installation, and maintenance of construction related best management practices.
- ☒ Review the construction checklist with developers and construction contractors prior to the beginning of construction projects (pre-construction) to identify responsible parties, erosion control practices, other best management practices, and requirements for the EPA Construction General Permit as appropriate.

Targeted Audience:

Construction/Developers

Responsible Department/Parties:

Public Works Department

Measurable Goal(s):

Contractors, developers, and municipal or local organizations are made aware of the EPA 2022 Construction General Permit and its associated requirements including that those who wish to be considered a qualified person to conduct inspections must meet EPA training standards. Contractors, developers, and municipal or local organizations are also educated on how to properly select, install, and maintain construction related best management practices.

The Town of Durham held 0 pre-construction meetings representing 100% of projects that received planning board approval and began construction **during this reporting period.**

Goal was achieved.

Message Date: Not Applicable

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below: Not Applicable

MCM 2: Public Participation

- ☒ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements as described in the Durham SWMP.
- ☒ Kept records relating to the permit for 5 years and made available to the public.

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

Description:

The Stormwater Management Program (SWMP) was publicly reviewed at Durham Public Works office. Documents and records relating to the permit are retained and available for 5 years to the public at Durham Public Works office and at <https://www.ci.durham.nh.us/publicworks/stormwater>

Was this opportunity different than what was proposed in your NOI?

☒ No.

Measurable Goal(s):

Input was received and records are maintained.

Goal was achieved.

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

Town of Durham provided notification of available documents related to the MS4 permit on Durham Community Friday Updates June 27, 2025, found here <https://www.ci.durham.nh.us/fridayupdates>

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not applicable.

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

☒ 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:

Number of SSOs identified **during this reporting period:** 0

Number of SSOs removed **during this reporting period:** 0

MS4 System Mapping

In Year 3, the remainder of the Phase I mapping requirements were mapped, including stormwater BMPs, open channel conveyances, interconnections with other MS4s, and initial catchment delineations. Additionally, previously unidentified outfalls were added to the Town's outfall inventory, and the GIS location of all outfalls were improved. In Year 4 and Year 5, the Town continued to make improvements to mapping as a result of Year 5 Catchment Investigation efforts. The connectivity and feature information of stormwater structures within some catchments were improved based on field activities. Two memorandums summarizing the GIS improvements completed by the Town of Durham in Year 3 are available upon request.

The Town has hired a GIS Program Administrator who has been working to improve the Town's stormwater GIS. The Town has made significant progress on their GIS and will continue to make improvements ahead of the Year 10 deadline for Phase II mapping. Durham's MS4 System Map is continually updated to incorporate findings and changes from catchment investigations. One (1) outfall has been reclassified as an inlet. During the 2020 outfall screening, the outfall was noted as an outfall discharging to a nearby culvert. Upon further review of the GIS and invert elevation, the outfall was reclassified as an inlet that discharges to outfall BE035 (11 Beards Landing Road). Therefore, the new catchment total has decreased to 85.

Screening of Outfalls/Interconnections

Dry Weather Screening

☒ Outfalls were inspected for dry weather screening **during this report period** and data can be found in the attached submission

Below, report on the number of outfalls screened in the MS4 system:

Number of outfalls/interconnections screened **during this reporting period:** 3

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 7)**:
100%

The inventory and ranking of outfalls/interconnections were updated in Year 7 and the IDDE Program Plan was revised as a result. The revised inventory and ranking of outfalls/interconnections can be found in attached submission

Describe any additional details regarding dry weather screening requirements, in the box below:

Flow was encountered at three (3) outfall catchments which include:

- BE035 (11 Beards Landing)
- OY130 (69 Mill Road)
- OY115 (18 Oyster River Road).

Detectable total chlorine and surfactants, also known as detergents, were present in concentrations between 0.25 and 0.50 mg/L in the sampled structures. Lastly, no ammonia was detected. For all three (3) structures, there was no ammonia and no olfactory (odor/visual) signs of an illicit discharge. In accordance with the MS4 Permit, these field test results alone do not indicate the presence of an illicit discharge. Laboratory analysis for ammonia, surfactants and enterococci was also sampled. A summary of the sampling kit and laboratory results is presented in the email submission.

Wet Weather Screening

x No outfalls/interconnections were inspected for wet weather screening **during this report period**.

Number of outfalls screened **during this reporting period**: 0

Percent of total known Problem Outfalls and outfalls/interconnections that identify sewer input screened **to date (Year 1 – Year 7)**: 0

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 7)**: 3 of 8 or 37.5%

Catchment Investigations

☒ Catchment investigations were conducted **during this report period**, and data can be found in attached submission.

Number of catchment investigations **during this reporting period**: 7.

Catchment Investigations were conducted as outlined in Part [2.3.4.8](#) of the permit and include investigations associated with Problem, High Priority, and Low Priority Outfalls and Interconnections within the MS4 regulated area.

Percent of total catchments investigated **to date (Year 1 – Year 7)**: 55%

Describe any additional details regarding catchment investigations requirements, in the box below:

Seven (7) catchment locations were visited during dry weather conditions. Catchment investigations at five (5) catchments were fully completed, and initial field work was started at two (2) catchments. The two (2) incomplete catchments include outfall catchment BE035 (11 Beards Landing Road) and outfall catchment OY115 (18 Oyster River Road).

To date, the Town has completed 47 out of the Town's 85 outfalls and is therefore 55 percent complete. With the reclassification of outfall BE030 as being an inlet, the new catchment total has decreased to 85.

IDDE Progress

☒ No illicit discharges were found **during this reporting period.**

Number of illicit discharges identified **during this reporting period:** 0

Number of illicit discharges removed **during this reporting period:** 0

Estimated gallons of flow removed **during this reporting period:** 0 gallons/day

Total number of illicit discharges identified **since the effective date of the permit (July 1, 2018 – June 30, 2025):** 0

Total number of illicit discharges removed **since the effective date of the permit (July 1, 2018 – June 30, 2025):** 0

Describe any additional details regarding illicit discharge requirements, in the box below:

Not Applicable.

Employee Training

☒ Provided training to employees involved in IDDE program **during this reporting period:**

Town of Durham staff were trained using IDDE training videos and a written IDDE SOP created by UNH, the City of Dover, and NHDES. Video topics included collecting data and water samples in the field, analyzing for pertinent parameters as identified in the permit, how to identify an illicit discharge, and general IDDE sampling protocols. Training logs are included in Appendix F of the IDDE Program Plan.

In addition, Town of Durham routinely provides IDDE materials and training, including information on how to identify illicit discharges and SSOs are made available to applicable employees in accordance with IDDE Program Plan.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

MCM 4: Construction Site Stormwater Runoff Control

The following tasks are in progress in accordance with the permit:

Number of site plan reviews completed *during this reporting period*: 0

Number of inspections completed *during this reporting period*: 0

Number of enforcement actions taken *during this reporting period*: 0

The Town of Durham works closely with contractors to address environmental concerns for the least environmental impact.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

As-built Drawings

Number of as-built drawings received *during this reporting period*: 0

Local Regulations Assessment Report

- ☒ The **Assessment Report** was evaluated and no updates were recommended *during this reporting period*.

Street Design, Parking Lots, and Creation of Impervious Cover

- ☒ No updates were made or planned to be made to **Local Regulations and/or Guidelines** that affect the creation of impervious cover *during this reporting period*.

Green Infrastructure

- ☒ No updates were made or planned to be made to Local Regulations regarding green infrastructure practices *during this reporting period*.

Retrofit Properties Inventory

- ☒ Durham has identified the remaining permittee-owned properties that **could be** modified or retrofitted with BMPs to mitigate impervious areas and of which are included in the list below:
List of MS4 Properties: 16 – See below

Street Address	Facility name	Is this property located in the MS4 area?	Impervious Cover Area
50 Piscataqua Road	Wastewater Treatment Facility (IN PERMITTING)	Yes	4.19
100 Stone Quarry Drive	Durham Public Works Office (COMPLETE)	Yes	2.18
6 Meserve Road	Woodridge Park	No	1.29
49 Madbury Road	Library	Yes	0.77
8 Newmarket Road	Town Hall	Yes	0.69
86 Dover Road	Police Department	Yes	0.64
10 Old Piscataqua Road	Churchill Rink	Yes	0.63
8 Old Piscataqua Road	Jackson's Landing	Yes	0.63
Pettee Brook Parking Lot	Pettee Brook Parking Lot	Yes	0.62
Newmarket Road	Sullivan Monument Lot	Yes	0.61
Old Landing Road	Durham Landing	Yes	0.53
46 Dover Road	Dover Road Pump Station	Yes	0.43
Old Piscataqua Road	Old Piscataqua Road Parking Lot	Yes	0.40
9 Depot Road	Depot Road Parking Lot	Yes	0.33
45 Mill Pond Road	Smith Chapel	Yes	0.33
Oyster River Road	Oyster River Park	Yes	0.27

- ☒ Town of Durham has modified or retrofitted the following MS4 **and/or** Non-MS4 properties with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.e of the permit. Following is a list of the properties that were modified or retrofitted as well as the type of BMP(s) that were implemented:

List of MS4 Properties: Not Applicable

List of Non-MS4 Properties: Not Applicable

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

As part of the Town's Major Components Upgrade Project at the WWTF (50 Piscataqua Road), Stormwater BMP's are currently being designed and are planned for construction in spring/summer 2026. Permitting is ongoing.

MCM 6: Good Housekeeping

Catch Basin Cleaning

- ☒ Stored and disposed of catch basin cleanings so they did not discharge to receiving waters.
- ☒ Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

A schedule for catch basin cleaning has been established with the goal of ensuring that a catch basin should not be more than 50% full.

Number of catch basins inspected **during this reporting period:** 175

Number of catch basins cleaned **during this reporting period:** 175

Total volume **or** mass of material removed from **all** catch basins **during this reporting period:** 20 Cubic Yards

Total number of catch basins within the MS4 system: 651

Street Sweeping

- ☒ Stored and disposed of street sweepings so they did not discharge to receiving waters.
- ☒ All curbed roadways were swept at least once within the reporting period.

Number of (lane) miles swept **during this reporting period:** 110

Volume of swept material **during this reporting period:** 34 Loads or 102 CY

Stormwater Pollution Prevention Plan (SWPPP)

- ☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities, that are not currently covered under another NPDES Permit.

Number of site inspections completed for **during this reporting period**: 4

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

No corrective actions necessary.

Operations and Maintenance (O & M) Programs

- ☒ O&M programs for all permittee owned facilities have been completed and/or updated as noted below:
 - ☒ Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs.
 - ☒ Updated inventory of all permittee owned facilities as necessary.
All permittee owned facilities, including an inventory, are included in our SWMP. There were no changes to report during Year 7.
 - ☒ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants as outlined in the SWMP.
 - ☒ Inspected all permittee owned treatment structures (excluding catch basins) as outlined in the SWMP.
 - ☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt as outlined in the SWMP.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

See attached submission Durham NH Year 7 BMPs/SCMs Inventory and Inspection Report
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Appendix F and H:

Water Quality Limited Waters & TMDLs

Bacteria/Pathogens Impairment (Appendix H) AND TMDL (Appendix F)

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

Describe progress made on any **incomplete requirements** listed above or optionally provide any additional relevant details, in the box below:

Not Applicable.

Chloride Impairment (Appendix H)

- ☒ Permittee **has** a chloride impairment.
 - ☒ Fully implemented Salt Reduction Plan *during this reporting period* which can be found at the following website <https://www.ci.durham.nh.us/publicworks/stormwater>
 - ☒ Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the NHDES Annual Salt Usage reporting form and submitting it to NHDES and can be found in the attached submission. The UNH Technology Transfer Center online tool is non-functional and has been for several years.

Describe progress made on any **incomplete requirements** listed above or optionally provide any additional relevant details, in the box below:

Not Applicable.

Nitrogen Impairment (Appendix H)

- ☒ Permittee **has** a nitrogen impairment.
 - ☒ Distributed an annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers **during this reporting period.**
 - ☒ Distributed an annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate **during this reporting period.**
 - ☒ Distributed an annual message encouraging the proper disposal of leaf litter **during this reporting period.**
 - ☒ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of two times per year (spring and fall) **during this reporting period.**

Nitrogen Source Identification Report- Update

- ☒ The Nitrogen Source Identification Report was reviewed and there were no updates required **during this reporting period** because there were no revisions. The Nitrogen Source Identification Report can be found at https://www.ci.durham.nh.us/sites/default/files/fileattachments/public_works/page/55264/town_of_durham_nitrogen_source_identification_report_september_2022.pdf

Structural BMPs

- ☒ Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by Durham or its agents was tracked and the nitrogen removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated nitrogen removed in mass per year by the BMP(s) were documented in **PTAP 2025 Nutrient Reduction Report** in the attached submission. The total estimated nitrogen removed from the installed BMP(s) is 4.34 lbs./year.

Durham is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with stormwater structural and non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows Durham the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight-of-evidence based approach can be shared with other entities including EPA, NHDES, and other MS4

communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable

Phosphorus Impairment (Appendix H)

☒ Permittee **does not** have a phosphorus impairment.

Solids, Oil and Grease (Hydrocarbons), or Metals Impairment(s)

☒ Permittee **does not** have a solids, oil and grease, or metals impairment(s).

Chloride TMDL (Appendix F)

☒ Permittee **does not** have a chloride TMDL.

Lake and Pond Phosphorus TMDL (Appendix F)

☒ Permittee **does not** have a lake and pond phosphorus TMDL.

Additional Required Information

Monitoring or Study Results

Results from all stormwater or receiving water quality monitoring or studies conducted **during the reporting period** and **not otherwise mentioned above**, where the data is being used to inform permit compliance or permit effectiveness is:

☒ Not applicable.

Description of Any Changes in Identified BMPs or Measurable Goals

The Town of Durham developed an initial comprehensive Stormwater Asset Management Plan (AMP) to enhance long-term planning, proactive maintenance, and strategic investment in its stormwater infrastructure. This plan aligns with the New Hampshire Department of Environmental Services (NHDES) Stormwater Asset Management Program (SWAMP) Handbook and Toolkit, covering both NHMS4 and non-MS4 areas within Durham. The project was partially funded by a Clean Water State Revolving Fund grant for stormwater asset management planning. The AMP includes an inventory of stormwater assets such as manholes, catch basins, pipes, culverts, open channels, outfalls, and stormwater control measures (SCMs), integrating existing GIS data with new field inspection data.

Town of Durham has implemented activities in accordance with the permit and outlined in the SWMP. All BMPs and measurable goals outlined in the SWMP are appropriate.

Activities Planned for Next Reporting Period

Town of Durham will continue to implement activities in accordance with the permit and SWMP.

Annual Report Submission

Your completed Annual Report and all associated documents must be sent to EPA by **September 29, 2025**. It is optional to send your completed Annual Report to NHDES as well.

Your Annual Report can be submitted either by email or mail:

Submittal Method	EPA	NHDES (Optional)
Email (preferably in pdf with all attachments as separate documents)	stormwater.reports@epa.gov	Deborah.S.Loiselle@des.nh.gov
Mail (postage)	Michelle Vuto US EPA– 06-4 5 Post Office Square, Suite 100 Boston, MA 02109	Deborah Loiselle Watershed Management Bureau 29 Hazen Drive; PO Box 95 Concord, NH 03302-0095