

Year 7 Annual Report

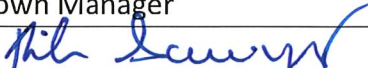
New Hampshire Small MS4 General Permit

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

Bedford, NH

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: Rick Sawyer	
Title: Town Manager	
Signature: 	Date: 9/24/2025

Authorized Representative:

The authorization letter is:

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

N/A

☐ Publicly available at the website:

N/A

Primary MS4 Program Manager Contact Information:

Name: Jeanne Walker	Title/Position: Assistant Town Manager	
Department: Town Manager		
Street Address: 24 N Amherst Rd		
City: Bedford	State: New Hampshire	Zip Code: 03110
Email: jwalker@bedfordnh.org	Phone Number: 603-472-5242	

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 Bedford'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.bedfordnh.org/DocumentCenter/View/8765/Bedford-SWMP-2025
Date SWMP was Last Updated: 9/23/2025
IDDE Program Plan: https://www.bedfordnh.org/DocumentCenter/View/4065/MCM-3
Updated System Map: https://bedfordnh.maps.arcgis.com/apps/webappviewer/index.html?id=139e6262415044d59a78f9b6625975bd
Updated SSO Inventory: None for this reporting period
Updated Inventory and Ranking of Outfalls/Interconnections with System Vulnerability Factors: https://www.bedfordnh.org/DocumentCenter/View/5966/Bedford-Outfalls-Spreadsheet
Dry Weather Screening Data: None for this reporting period – See past annual reports
Wet Weather Screening Data: None for this reporting period – previous dry weather screening and sewer video inspection found no interconnections – Planning for Wet Weather Screening is underway
Catchment Investigation Data: None for this reporting period
Illicit Discharge Removal Report: None for this reporting period
Results from additional stormwater or receiving water quality monitoring reports or studies: N/A

PTAP 2025 Nutrient Reduction Report: https://www.nhms4.des.nh.gov/sites/g/files/ehbemt636/files/documents/2025-09/bedford-ptap-2025-nutrient-reduction-report.xlsx
Salt Reduction Plan: https://www.bedfordnh.org/DocumentCenter/View/6175/Appendix-H-Salt-Reduction-Plan
Annual Salt Usage Report: https://www.bedfordnh.org/DocumentCenter/View/8766/Year-7-Salt-Report
Updated Nitrogen Source Identification Report: N/A
PTAP 2025 Nutrient Reduction Report: https://www.nhms4.des.nh.gov/sites/g/files/ehbemt636/files/documents/2025-09/bedford-ptap-2025-nutrient-reduction-report.xlsx
Nutrient Tracking Program Report: N/A
Updated Phosphorus Source Identification Report: N/A
Street Sweeping Schedule: https://www.bedfordnh.org/DocumentCenter/View/7954/DPW25-05-Scheduling
Chloride Reduction Plan: N/A
Lake Phosphorus Control Plan: https://bedfordnh.maps.arcgis.com/home/item.html?id=e4e7c0a478f7472a8daa8201995ed2a8

Self-Assessment

Impairment(s)

☒ Bacteria/Pathogens

☒ Chloride

☐ Nitrogen

☐ Phosphorus

☒ Solids/Oil/Grease (Hydrocarbons)/Metals

TMDL(s)

☒ Bacteria and Pathogens

☐ Chloride

☒ 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?

☒ No

The Town of Bedford has not made changes to the **list of outfalls** since the NOI submission.

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

A phosphorus impairment was added to Assessment Unit ID NHRIV700060803-14-02 in the Town of Bedford under the 2020-2022 303(d) list as a result of the City of Manchester's WWTF. In December of 2024, the phosphorus impairment was removed, and thus, the Town of Bedford was no longer obligated to meet the requirements of Appendix H for phosphorus. As a result of the phosphorus impairment being removed during Year 7, the Town of Bedford did not complete the requirements under Appendix H for phosphorus. Below please find the pertinent information pertaining to this topic and of which can be found on page 8 of the document titled, ""2020/2022 305(b) category 4A, 4B, 4C Impairments Not Included in the 2024 305(b) Report (December 18, 2024).

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*: 10

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

☐ No.

☒ Yes. The Town of Bedford makes minor changes to educational efforts to refresh messaging each year.

BMP #1.1: Septic System Maintenance – Brochures/Pamphlets

Document Name: "Get Pumped!" Brochure

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/4103/Septic-System-Maintenance-Brochure>

Description: Distribute and promote brochure, directing to website to educate New Hampshire homeowners with septic systems on how to identify, locate and maintain those systems. Get Pumped NH is a collaborated effort between the New Hampshire Association of Septage Haulers (NHASH) and the New Hampshire Department of Environmental Services (NHDES).

Targeted Audience: Septic System Owners

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): Increase residents' awareness of septic system maintenance and water quality impacts. Measurement includes materials distribution methods and/or numbers and/or change in visits to municipal stormwater webpages.

Message Date: Annually/Ongoing

Following is the number of municipal stormwater webpage views: **2,350 (+3.84% YoY)**

Goal was achieved.

BMP 1.2: Pet Waste Disposal – Brochures/Pamphlets/Display

Document Name "Every Drop" Brochure

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/4102/Petwaste-Disposal-Brochure>

Description: Distribution and promotion of "Every Drop" flyer with proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. May include pledge to pick up pet waste. Available during dog registration and posted at the Town office and on the town's stormwater website. Every Drop is a collaborative education effort with PREP, NHDES and other partners.

Targeted Audience: Residents - Pet Owners

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): 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. Measurement includes materials distribution methods and/or numbers and/or change in visits to municipal stormwater webpages.

Message Date: Annually/Ongoing

Following is the number of municipal stormwater webpage views: **2,350 (+3.84% YoY)**

Goal was achieved.

BMP 1.3: Grass and Fertilizer – Brochures/Pamphlets

Document Name: "Green Grass & Clear Water" Brochure

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/4101/Grass-and-Fertilizer-Brochure>

Description: Distribution and promotion of brochure produced by UNH Cooperative Extension and NH Sea Grant outlining simple recommendations to keep lawns healthy while reducing water quality impacts - including proper fertilizer techniques and disposal of grass clippings.

Targeted Audience: Residences, Businesses and Institutions

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): Lawn care enthusiasts' residents 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 materials distribution methods and/or numbers and/or change in visits to municipal stormwater webpages.

Message Date: Annually/Ongoing

Following is the number of municipal stormwater webpage views: **2,350 (+3.84% YoY)**

Goal was achieved.

BMP 1.4: Disposal of Leaf and Grass Clipping – Brochures/Pamphlets

Document Name: “Rake it or Leave it” Brochure

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/4227/Leaf-Litter-Brochure>

Description: Distribute and promote informational flyer with messaging about impacts from yard waste on waterbodies, alternatives to dumping yard waste and laws against dumping yard waste near or in waterbodies. Promote and provide information to residents regarding the Town’s new composting program.

Targeted Audience: Residences, Businesses and Institutions

Responsible Department/Parties: Bedford Public Works Department.

Measurable Goal(s): Measurement includes materials distribution methods and/or numbers and/or change in visits to municipal stormwater webpages. Track observations of any changes in known dumping sites. Following year 4, the Town is investigating how to best track reduction in fertilizer use due to composting program.

Message Date: Annually/Ongoing

Following is the number of municipal stormwater webpage views: **2,350 (+3.84% YoY)**

Goal was achieved.

BMP 1.5: Environmentally Friendly Lawn Tips – Brochure/Newsletter

Document Name: Spring 2025 Newsletter Bulletin

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/8491/DPW-2025-Spring-Newsletter>

Description: Information on environmentally friendly lawn maintenance tips. Information is available in the Spring ‘25 DPW newsletter.

Targeted Audience: Residents, businesses, institutions, commercial facilities, landscaping companies and private maintenance and snowplowing contractors.

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): Lawn care enthusiasts' residents 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 numbers of visits to newsletter webpage.

Message Date: Annually/Ongoing

Following is the number of spring newsletter views: **41**

Goal was achieved.

BMP 1.6: Storm Water Website

Website: <https://ms4-and-storm-water-management-bedfordnh.hub.arcgis.com/>

Description: Information on MS4 permit requirements and posting of related documents, notices and materials regular pumping and maintenance of septic systems.

Targeted Audience: All target audiences

Responsible Department/Parties: Bedford Public Works Department/Website Administrator.

Measurable Goal(s): Maintain an up-to-date website for dissemination and posting of MS4 permit and stormwater information. Measurement includes materials distribution methods and/or numbers and/or change in visits to municipal stormwater webpages.

Message Date: Annually/Ongoing

Following is the number of municipal stormwater webpage views: **2,350 (+3.84% YoY)**

Goal was achieved.

BMP 1.7: Using the Right Amount of Salt this Winter – Brochure/Newsletter

Document Name: Winter 2024/25 Newsletter Salt Bulletin

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/8351/DPW-2024-Winter-Newsletter>

Description: Information on storage/use of salt or deicing materials. Information is available on the in the winter DPW newsletter.

Targeted Audience: Residents, businesses, institutions, commercial facilities, landscaping companies and private maintenance and snowplowing contractors.

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): Increase awareness of effects that salt or deicing materials have on surrounding environment and water quality; Increase awareness to better manage and reduce the amount of salt or deicing materials used; Increase awareness of proper storage of salt or deicing materials. Measurement includes numbers of visits to municipal stormwater webpages.

Message Date: Annually/Ongoing

Following is the number of winter newsletter views: **29**

Goal was achieved.

BMP 1.8: Salt Storage and Use – Brochures/Pamphlets

Document Name: Stormwater and Land Disturbance Management Regulations

Web Address: www.bedfordnh.org/DocumentCenter/View/4245/Stormwater-and-Land-Disturbance-Management-Regulations (page 3, #5)

Description: Information on storage/use of salt or deicing materials. Information is be available on the Town website.

Targeted Audience: Industrial facilities

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): Increase awareness of effects that salt or deicing materials have on surrounding environment and water quality; Increase awareness to better manage and reduce the amount of salt or deicing materials used; Increase awareness of proper storage of salt or deicing materials. Measurement includes materials distribution methods and/or numbers and/or change in visits to municipal stormwater webpages.

Message Date: Annually/Ongoing

Following is the number of municipal stormwater webpage views: **2,350 (+3.84% YoY)**

Goal was achieved.

BMP 1.9: Proper Leaf Cleanup Matters! – Brochure/Newsletter

Document Name: Fall 2024 Newsletter Pet Waste Bulletin

Web Address: <https://www.bedfordnh.org/DocumentCenter/View/8094/DPW-Fall-2024-Newsletter>

Description: Information on proper leaf cleanup included in fall '24 newsletter.

Targeted Audience: Residents

Responsible Department/Parties: Bedford Public Works Department

Measurable Goal(s): includes views of the quarterly newsletter.

Message Date: Annually/Ongoing

Following is the number of fall newsletter views: **52**
Goal was achieved.

BMP 1.10: Construction/Developers Outreach

Outreach Resources:

Construction/developers are required to submit a Stormwater and Land Disturbance Management Permit and comply with the Stormwater and Land Disturbance Management Regulations to receive final approval. Stormwater and Land Disturbance Management Regulations are made available publicly on our town website.

Description:

Review the stormwater permit 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: Bedford 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.

Following is the number Stormwater and Land Disturbance Management Permit Applications received from contractors, developers, and municipal or local organizations ***during this reporting period: 8 (+60% YoY)***

Goal was achieved.

Message Date: Ongoing

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

N/A

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 Town of Bedford 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 available with a contact link to provide comments on the Town Stormwater Website (<https://ms4-and-storm-water-management-bedfordnh.hub.arcgis.com/>). Documents and records relating to the permit are retained and available for 5 years to the public at DPW administration office located at 55 Constitution Drive.

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

☐ No.

☒ Yes. The Town of Bedford made the following changes: Utilizing Stormwater Website as additional location to host SWMP.

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:**

Public involvement or participation opportunities are integrated into daily operations through outreach, communication, and engagement during both operational and administrative activities.

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

N/A

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

☒ This SSO section is NOT applicable because we DID NOT find any new SSOs.

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

☒ The Town of Bedford's MS4 System Map is continually updated to incorporate findings and changes from catchment investigations.

Describe any additional details regarding phase 1 and phase 2 MS4 System Mapping requirements, in the box below:

As of this summer, the system has been fully mapped. Mapping will continue on an ongoing basis to correct any errors and incorporate future changes.

Screening of Outfalls/Interconnections

Dry Weather Screening

☒ No outfalls were inspected for dry weather screening **during this report period.**

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

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

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

The inventory and ranking of outfalls/interconnections was not updated during Year 7 because outfalls/interconnections were not inspected.

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

N/A

Wet Weather Screening

☒ 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)**: N/A – dry weather screening did not identify any evidence of sewer input.

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 7)**: 0% - wet weather screening procedures are being developed as part of the Town's stormwater asset management plan.

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

No sewer inputs were identified during the dry weather screening conducted in Year 3. The Town has developed a stormwater asset management framework and is working to finalize procedures for routine wet weather outfall screening in future years.

Catchment Investigations

☒ No catchment investigations were inspected for wet weather screening **during this reporting period**. Catchment investigations include investigations associated with Problem, High Priority, and Low Priority Outfalls/Interconnections within the MS4 regulated area.

Number of catchment investigations **during this reporting period**: 0

Percent of total Problem Catchment and outfalls/interconnections that identify sewer input investigated **to date (Year 1 – Year 7)**: 100%

Percent of total catchments investigated **to date (Year 1 – Year 7)**: 5.4%

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

During the permit period, dry weather screening was completed for all required outfalls, and no evidence of sewer interconnections was found. Consequently, no wet weather testing or further catchment investigations were required. All identified problem catchments have been addressed, and no outstanding investigations remain.

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)**: 6

Total number of illicit discharges removed *since the effective date of the permit (July 1, 2018 – June 30, 2025)*: 6

Employee Training

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

The Town of Bedford did not conduct a formal training session using the IDDE training materials during this reporting period. However, in-field training was provided to the new Environmental Coordinator and the Vac truck crew, with emphasis on recognizing potential illicit discharges and responding appropriately in the field. Training coordination and program improvements are being finalized and will be scheduled with the new Environmental Coordinator to ensure consistent implementation of the IDDE Program Plan.

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

N/A

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*: 16

Number of site plans requiring **stormwater permit**: 8

Number of inspections completed *during this reporting period*: 17

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

The Town of Bedford 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:

No formal enforcement actions were taken; however, 13 corrective actions were issued and completed.

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** 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

- ☒ The Town of Bedford 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:

1. 20 County Rd
2. 19 Nashua Rd
3. 55 Constitution Dr
4. 3 Meetinghouse Rd
5. 24 N Amherst Rd

List of Non-MS4 Properties: N/A

- ☒ The Town of Bedford has modified or retrofitted the following 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:

1. 77 Chubbuck Rd – A Winter Sand Structure was installed to cover the sand/salt mix made available for public use.
2. 19 Chubbuck Rd –
 - a. Sand Shed was constructed cover sand used in both winter and construction operations.
 - b. Stone was placed to stabilize the slope along the northern swale of the property.

List of Non-MS4 Properties: N/A

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

N/A

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:** 384

Number of catch basins cleaned **during this reporting period:** 384

Total volume or mass of material removed from **all** catch basins **during this reporting period:** 281 Cubic Yards

Total number of catch basins within the MS4 system: 2277

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.

All curbed roadways were swept at least once **during this reporting period.**

Number of (lane) miles swept **during this reporting period:** 117

Volume of swept material **during this reporting period:** 45.25 Cubic Yards

Stormwater Pollution Prevention Plan (SWPPP)

The Town of Bedford has 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:

N/A

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:

N/A

Chloride Impairment (Appendix H)

☒ Permittee **has** a chloride impairment.

☒ Fully implemented Salt Reduction Plan *during this reporting period* which can be found here: <https://www.bedfordnh.org/DocumentCenter/View/6175/Appendix-H-Salt-Reduction-Plan>

The Town of Bedford is utilizing some of the Voluntary Municipal Green SnowPro Certification Program resources and trainings as outlined in The Town of Bedford's Salt Reduction Plan to reduce their winter salt application and to prevent increased concentrations of chlorides in their community's surface and ground waters.

☒ 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 here: <https://www.bedfordnh.org/DocumentCenter/View/8766/Year-7-Salt-Report>

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:

N/A

Nitrogen Impairment (Appendix H)

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

Phosphorus Impairment (Appendix H)

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

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

- ☒ Permittee **has** a solids, oil and grease, or metals impairment(s).
 - ☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads **during this reporting period**. Town of Bedford street sweeping schedule can be found here: https://efc0407c-c5cc-4b08-8092-d97a92d9fc89.usrfiles.com/ugd/efc040_ac972bf743324f5887aec888413ca205.docx

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

We increased the total lane miles swept by 50 miles compared to last year and continue to look for ways to improve our sweeping program.

Chloride TMDL (Appendix F)

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

Lake and Pond Phosphorus TMDL (Appendix F)

☒ Permittee **has** a lake and pond phosphorus TMDL.

Lake Phosphorus Control Plan Reporting Requirements

☒ The LPCP can be found here:

<https://bedfordnh.maps.arcgis.com/home/item.html?id=e4e7c0a478f7472a8daa8201995ed2a8>

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

The Town of Bedford has not yet fully completed the Year 5 requirements of the written Lake Phosphorus Control Plan during this reporting period. Two ponds in Bedford, Sandy Pond and Sebbins Pond, are subject to a Lake and Pond Phosphorus TMDL. The Sandy Pond LPCP has been completed in-house and is included in this section. The Sebbins Pond LPCP is being developed with consultant support using funds obtained through the CWSRF program. The loan application has been approved, and the Town is currently initiating the consultant selection process. Work is expected to begin in December 2025, with the two-year project scheduled for completion by October 2027.

Baseline phosphorus export rate required from LPCP Area (lbs/year)[A]: 15.17

Total phosphorus reduction from all implemented nonstructural controls **during this reporting period** (lbs/year) [B]: 0.1

Total phosphorus reduction from all structural controls installed **during this reporting period and all previous years** (lbs/year) [C]: 0.14

Phosphorus load increase due to development incurred since baseline loading was calculated in lbs/year [D]: 0

The Town of Bedford is utilizing a scaled back approach to Pbase recalculations with assistance from the UNH Stormwater Center. Due to limited funding and available mapping resources, The Town of Bedford plans to update the Pbase calculations every 5 years or whenever meaningful and substantial updates are made to the critical impervious surface and land use/cover GIS layers that are used in Pbase characterization. Due to this new approach, **phosphorus load increases due to development incurred since baseline loading** were not calculated **during this reporting period**. The New Hampshire Stormwater Coalition and the UNH Stormwater Center are in the process of calculating the **phosphorus load increases due to development incurred since baseline loading** and will be available in the future.

Current phosphorus export rate from the LPCP Area in lbs/year [=A-(B+C)+D from above]: 14.93

Non-Structural Controls

- ☒ The Town of Bedford has implemented all selected Lake Phosphorus Control Plan **non-structural control measure(s) during this reporting period** and documented the measure(s) and their phosphorus reductions. The **non-structural control measure(s)** are noted within the The Town of Bedford written Lake Phosphorus Control Plan which can be found here: <https://bedfordnh.maps.arcgis.com/home/item.html?id=e4e7c0a478f7472a8daa8201995ed2a8>

The Town of Bedford is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with 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 The Town of Bedford 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.

Structural Controls

- ☒ The Town of Bedford has installed **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. The Town of Bedford has documented the location, phosphorus reduction in weight/year, and date of last completed maintenance and inspection for each installed structural control measure(s). The documented information for each of the installed structural control measure(s) are noted within the written Lake Phosphorus Control Plan which can be found here:
<https://bedfordnh.maps.arcgis.com/home/item.html?id=e4e7c0a478f7472a8daa8201995ed2a8>

The Town of Bedford is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with 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 The Town of Bedford 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:

The Town of Bedford has not yet fully completed the Year 5 requirements of the written Lake Phosphorus Control Plan during this reporting period. Two ponds in Bedford, Sandy Pond and Sebbins Pond, are subject to a Lake and Pond Phosphorus TMDL. The Sandy Pond LPCP has been completed in-house and is included in this section. The Sebbins Pond LPCP is being developed with consultant support using funds obtained through the CWSRF program. The loan application has been approved, and the Town is currently initiating the consultant selection process. Work is expected to begin in December 2025, with the two-year project scheduled for completion by October 2027.

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 Bedford 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

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