

**Year 5 Annual Report**  
**New Hampshire Small MS4 General Permit**  
**New Permittees**  
**Reporting Period: July 1, 2022-June 30, 2023**

*\*\*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, 2022 and June 30, 2023 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

### Year 5 Requirements

- ☒ Completed Phase I of system mapping  
☒ Developed a written catchment investigation procedure and added the procedure to the SWMP

*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:

The Catchment Investigation Procedures are contained in Appendix D of the IDDE Program document. The IDDE Program is included in the SWMP as an appendix.

*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.*

### 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 the outfall and interconnection inventory and priority ranking as necessary
  - ☒ The priority ranking of outfalls/interconnections is attached to the email submission
  - ☐ The priority ranking of outfalls/interconnections can be found at the following website:

- 
- ☒ 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
  - ☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
  - ☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
  - ☒ 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 H and F 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:

Messages are made available throughout the year on the Town website. Seasonal stormwater related messages are published in the Town's weekly newsletter when relevant to the time of year.

**Nitrogen Impairment**Annual Requirements*Public Education and Outreach\**

- ☒ Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release 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 H and F 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 in lieu of post-leaf drop street sweeping, implemented a fall leaf litter collection program

*Potential Structural BMPs*

- Any structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen removal by the BMP was estimated
- ☒ consistent with Attachment 1 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated nitrogen 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 publicly available website:

*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:

Messages are made available throughout the year on the Town website. Seasonal stormwater related messages are published in the Town's weekly newsletter when relevant to the time of year.

**Solids, Oil and Grease (Hydrocarbons), or Metals Impairment(s)**Annual Requirements*Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- ☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads
  - ☐ The street sweeping schedule is attached to the email submission
  - ☐ The street sweeping schedule can be found at the following publicly available website:

*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:

All streets within the MS4 regulated area are swept twice per year, once in the spring when snow has melted (typically in March) and again in the fall (typically in November). Streets within the "downtown" area are swept weekly on Fridays from April through October.

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

### **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:**

*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: 1-1 Fertilizer Reduction - Green Grass Clear Water**

Message Description and Distribution Method:

Distribution and promotion of a flyer produced by UNH Cooperative Extension and NH Sea Grant outlining simple recommendations to keep a healthy lawn while reducing water quality impacts. This activity is part of the Town's program to meet MCM1 requirements for nitrogen impaired water bodies (Appendix H, Part I). Flyer will be posted to the Town website and published in the Town newsletter.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Lawn care enthusiasts are aware of the potential water quality impacts from fertilizer use and improper disposal of grass clippings and learn how to employ proper lawn management techniques for reducing those impacts.

Message Date(s):

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:

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#### **BMP: 1-2 Pet Waste Handling - Every Drop Pet Waste Campaign**

Message Description and Distribution Method:

Distribution and promotion of "Every Drop" post cards with information about proper pet waste management, impacts of improper management, and local ordinances. This activity is part of the Town's program to meet MCM1 requirements for nitrogen impaired water bodies (Appendix H, Part I) and water bodies with a bacteria TMDL (Appendix F, Part II). Post cards or flyers will be posted to the Town website and posted on the bulletin board in the Town Clerk's office for viewing when renewing dog licenses.

Targeted Audience:

Responsible Department/Parties: Engineering, Planning & Community Development

Measurable Goal(s):

Dog owners and/or dog walkers are aware of the potential water quality impacts from pet waste, and understand the importance of proper pet waste disposal. If pledges are signed, there will be an increase in awareness and commitment to proper pet waste handling/disposal.

Message Date(s): Spring 2023

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:

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### **BMP: 1-3 Yard Waste Handling - Leaf and Yard Waste Handling**

Message Description and Distribution Method:

Distribution of flyer with information about proper yard waste management, impacts of improper management, and options for disposal including drop off at the Transfer Station. This activity is part of the Town's program to meet MCM1 requirements for nitrogen impaired water bodies (Appendix H, Part I). Flyer will be posted to the Town website and published in the Town newsletter.

Targeted Audience: Residents; Businesses, Institutions, and Commercial Facilities

Responsible Department/Parties: Engineering

Measurable Goal(s):

Residents and business owners are aware of the water quality impacts of dumping yard waste in or near water bodies, understand the importance of proper yard waste disposal and dispose of yard waste using one of the alternative methods outlined in the flyer.

Message Date(s): Fall 2022

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:

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### **BMP: 1-4 Septic Systems - Get Pumped! New Hampshire**

Message Description and Distribution Method:

Distribution and promotion of flyer with information about septic systems; how they work; how to find them; and how to maintain them. This activity is part of the Town's program to meet MCM1 requirements for water bodies with a bacteria TMDL (Appendix F, Part II). Flyer will be posted to the Town website and published in the Town newsletter.



Targeted Audience: Residents; Businesses, institutions, and Commercial Facilities

Responsible Department/Parties: Engineering

Measurable Goal(s):

Residents and business owners are aware of the water quality impacts of septic systems, understand the importance of maintaining them and perform necessary maintenance.

Message Date(s): September 2022

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:

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### **BMP: 1-5 Stormwater Management at Construction Sites - MS4 Fact Sheet**

Message Description and Distribution Method:

The Town will provide educational materials/fact sheets to developers when submitting applications for subdivisions, site plan review, and building permits and at “pre-construction” conferences. Materials provided can include: “Stormwater – What you can do as a Developer”, “2022 Construction General Permit (CGP) Fact Sheet” and “Protecting Water Quality from Urban Runoff”. Materials/fact sheets will be posted to the Town website.

Targeted Audience: Developers

Responsible Department/Parties: Engineering, Planning & Community Development

Measurable Goal(s):

100% of construction sites are in compliance with local regulations for stormwater management.

Message Date(s): On-going activity beginning Spring 2021

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:

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### **BMP: 1-6 General Stormwater Management**

Message Description and Distribution Method:

Update the Town website to include information on general stormwater management including lawn care, chemical/fertilizer use, pet waste, yard waste, septic systems, winter road maintenance, pool draining.

Materials/fact sheets will be posted to the Town website and periodically published in the Town newsletter.

Targeted Audience: Residents; Businesses, Institutions, and Commercial Facilities; Developers

Responsible Department/Parties: Engineering, Planning & Community Development

Measurable Goal(s):

Update the website and track the number of visitors to the website.

Message Date(s): On-going activity beginning PY5

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:

In Permit Year 5, the Town created a new position for a full-time Engineer to join Town Staff. The new Town Engineer serves as the SWMP Team Coordinator and manages implementation of the SWMP. In review of the existing BMPs under MCM1, it was determined that updated educational materials could be added to cover various stormwater related topics and enhance the public education resources made available by the Town. BMP 1-5 was added to the SWMP to incorporate the general stormwater management educational materials.

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:**

The Town makes the SWMP, Annual Reports, and other NH MS4 General Permit related documents available to the public by posting to the Town website. In Permit Year 5, the Town developed a webform for submitting comments on the SWMP and related documents to the SWMP Coordinator and made this webform available to the public. No comments were received during the reporting period.

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:**

There is currently a grassroots volunteer effort conducting annual roadside clean-ups. These cleanups have been supported by various Town departments. There was an organized roadside cleanup event held on October 15, 2022, during which 26 bags of trash were collected. The Town will continue to support these efforts and work with volunteers to expand the program and track success with tangible data. The Town held a Household Hazardous Waste Collection Day on November 19, 2022. Several households participated and the Town collected 520 gallons of hazardous liquids, 16.5 boxes of aerosols and paint related materials, and 21 fire extinguishers.

### **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:

Number of SSOs removed:

#### **MS4 System Mapping**

*Below, check all that apply.*

The following elements of the Phase I map have been completed:

- ☒ Outfalls and receiving waters
- ☒ Open channel conveyances
- ☒ Interconnections
- ☒ Municipally-owned stormwater treatment structures
- ☒ Waterbodies identified by name and indication of all use impairments
- ☒ Initial catchment delineations

*Optional:* Describe any additional progress you made on your map during this reporting period or provide additional status information regarding your map:

In Permit Year 5, the Town worked with a local engineering consultant to cleanup the existing GIS data for the stormwater system. Duplicate points have been removed and new layers and attribute fields have been added in preparation for upcoming inspection and data collection efforts.

#### **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:

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

Percent of outfalls screened: 0

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

In Permit Year 5, the Town worked with a local engineering consultant to develop a geodatabase of the stormwater system for use in electronic data collection and inspection efforts. This work included development of electronic inspection forms (e.g. outfall inspection, inlet inspection, manhole inspection) that will be used in conducting dry weather outfall inspections/screenings in Permit Year 6.

### **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:*

### **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: 2

Number of illicit discharges removed: 2

Estimated volume of sewage removed: 1,500 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:

Total number of illicit discharges removed:

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

The Town is currently performing investigations when they are notified of potential illicit connections to the municipal storm drain system. Researchers from UNH, in partnership with the Lamprey River Advisory Committee, are currently monitoring and tracking bacterial contamination in the Lamprey River Watershed. This work has identified the Moonlight Brook watershed tributary to the Lamprey River as a problem area. With this monitoring data in mind, during Permit Year 5 Town staff got involved to support this on-going monitoring effort and strategically select additional sample sites within the Moonlight Brook watershed to bracket segments of the receiving water for focusing/prioritizing outfall inspection and screening efforts.

### **Employee Training**

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

Annual training was provided to employees involved in the IDDE Program including how to recognize illicit discharged and SSOs on June 06, 2023. The training was conducted by Geosyntec Consultants at the DPW/ Fire & Rescue Facility. Staff from the Departments of Public Works and Environmental Services were in attendance.

### **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:

Number of inspections completed:

Number of enforcement actions taken:

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

There were 66 construction site inspections completed during Permit Year 5. 55 of those inspection were foundation inspections (with no written report) conducted by the Code Enforcement Officer, 6 were site inspections conducted by the Code Enforcement Officer, and 5 were site inspections conducted by a third-party engineering consultant.

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

### Ordinance or Regulatory Mechanism

Date ordinance was completed (due in year 3): Last updated May 24, 2023

Website of ordinance or regulatory mechanism: [https://library.municode.com/nh/newmarket/codes/code\\_of\\_ordinances](https://library.municode.com/nh/newmarket/codes/code_of_ordinances)

### 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

Describe the status of the street design and parking lots assessment including any planned or completed changes to local regulations and guidelines:

The Street Design and Parking Lot Guideline Report will be prepared by the Department Planning & Community Development with assistance from others, as needed. The project will involve the following elements:

1. Assessing current street design standards and parking guidelines that affect the creation of impervious cover in Newmarket and evaluate whether these standards can be modified to support low impact design options.
2. If so, specific recommendations will be presented to the Planning Board to incorporate these standards into the Town's Subdivision and Site Plan Review Regulations along with a suggested schedule for implementation.
3. The results of these evaluations and recommendations shall be finalized in a written report and presented to the Planning Board for implementation and the status of implementation will be noted in the next annual report.

The Street Design and Parking Lot Guidelines report will be completed by June 30, 2024, with progress on implementation reported annually thereafter.

### Green Infrastructure Report

Describe the status of the green infrastructure report including the findings and progress towards making the practice allowable:

The Department of Planning & Community Development will work with the Town Engineer to:

1. Form an in-house committee to assess local development regulations, zoning and building codes to determine the feasibility of promoting green infrastructure practices. Such practices include green roofs, rain gardens, curb extensions, planter gardens, porous and pervious pavements, and other infiltration and best management practices for stormwater management, including water harvesting devices such as rain barrels and cisterns, and the use of stormwater for non-potable uses.
2. The assessment will identify any impediments to use of these practices and what changes in local regulations are needed to make them allowable.
3. The results of this assessment and recommendations for implementation shall be finalized in a written report and presented to the Planning Board for implementation. The Town will note the results of this assessment and progress towards making such techniques allowable in the next annual report.

The Green Infrastructure report will be completed by June 30, 2024, with progress on implementation reported annually thereafter.

### **Retrofit Properties Inventory**

Describe the status of the inventory of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

The inventory of permittee-owned properties that could be modified or retrofitted with BMPs (there are 34 properties identified) was developed in May 2022. The inventory will be updated and BMP project data will be entered into PTAP as retrofit projects are completed. The Town has conceptual plans for building additions/renovations at the top two properties listed on this inventory, The Police Department and Town Hall. As these projects move forward to the design phase in the coming years, stormwater BMPs retrofit projects will be incorporated, as appropriate.

## **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:

Number of catch basins cleaned:

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

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

Total number of catch basins:

*If applicable:*

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

When catch basins are found to be more than 50% full during two consecutive routine inspections or cleaning

events, those catch basins are then cleaned twice per year.

### **Street Sweeping**

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

Number of miles cleaned: 449

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

☒ Volume of material removed: 312 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: 9

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

The dumpster covers were missing during an inspection at the DPW Facility, new covers were installed within 7 days of the inspection. The riprap swale along the entrance drive at the WWTF had accumulated sediment and debris, which was noted during an inspection over the winter. In the spring sediment and debris was removed and the riprap was refreshed.

## **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):

[https://www.lampreyriver.org/application/files/6216/3856/5096/bacterial\\_tracking\\_FINAL\\_report.pdf](https://www.lampreyriver.org/application/files/6216/3856/5096/bacterial_tracking_FINAL_report.pdf)  
[https://www.lampreyriver.org/application/files/4816/7424/5935/2022\\_bacterial\\_tracking\\_FINAL\\_report.pdf](https://www.lampreyriver.org/application/files/4816/7424/5935/2022_bacterial_tracking_FINAL_report.pdf)

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 Lamprey River Advisory Committee (LRAC) contracted Dr. Steve Jones from the Dept. of Natural Resources and the Environment at the University of New Hampshire (UNH) to monitor and track bacterial



contamination in the Lamprey River Watershed. One of the goals of this work is to provide local and state public health and public works personnel with data to help focus resources and effort on problem areas where water pollution may pose a threat or restrict use. Project reports from 2021 and 2022 summarizing monitoring efforts and results can be found at the links provided above. Town of Newmarket staff got involved during Permit Year 5 to support this on-going monitoring effort and strategically select additional sample sites within the Moonlight Brook watershed, tributary to the Lamprey River.

### **Additional Information**

*Optional:* 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. If any of the above year 5 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

### **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 6 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree ☒

- Develop a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover
- Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist
- Identify a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas

### **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

Provide any additional details on activities planned for permit year 6 below:

**Part V: Certification of Small MS4 Annual Report 2023****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:

Stephen R. Fournier

Title:

Town Manager

Signature:



Date:

09/28/23

*[Signatory may be a duly authorized representative]*