

Year 5 Annual Report

New Hampshire Small MS4 General Permit

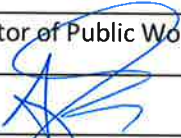
Reporting Period: July 1, 2022 - June 30, 2023

Town of Goffstown

EPA NPDES Permit Number NHR041108

Certification of Small MS4 Year 5 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: Adam Jacobs	
Title: Director of Public Works	
Signature: 	Date: 9/27/23

Authorized Representative:

The authorization letter is:

Attached to this document (document name listed below):

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Publicly available at the website:

https://arcg.is/1nmPa1

Primary MS4 Program Manager Contact Information:

Name: Goffstown DPW	Title/Position: MS4 Program Manager		
Department: Department of Public Works			
Street Address: 404 Elm Street			
City: Goffstown	State: New Hampshire	Zip Code: 03045	
Email: stormwater@goffstownnh.gov	Phone Number: (603) 497-3617		

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, 2022, through June 30, 2023**, in accordance with the Permit.

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 Goffstown’s Stormwater Management Program Plan (SWMP) and Illicit Discharge Detection and Elimination (IDDE) Plan. Those documents and other pertinent Year 5 information can be found in submission or at the following websites, and will be referred to throughout this report:

SWMP: https://arcg.is/1nmPa1
Date SWMP was Last Updated: 8/22/23
IDDE Program Plan: https://arcg.is/1nmPa1
Updated System Map: https://arcg.is/1nmPa1
Progress on Completion of System Map: 100%
Updated SSO Inventory: https://arcg.is/1nmPa1
Updated Inventory and Ranking of Outfalls/Interconnections: https://arcg.is/1nmPa1
Dry Weather Screening Data: https://arcg.is/1nmPa1
Wet Weather Screening Data: This is a year 7 requirement. Did not complete for spring of 2023 due to staffing shortage.
Catchment Investigation Data: https://arcg.is/1nmPa1
Illicit Discharge Removal Report: https://arcg.is/1nmPa1
Results from additional stormwater or receiving water quality monitoring reports or studies: Not Applicable
Salt Reduction Plan: https://arcg.is/1nmPa1
Annual Salt Usage Report: https://arcg.is/1nmPa1
Updated Nitrogen Source Identification Report: Not Applicable
Updated Phosphorus Source Identification Report: https://arcg.is/1nmPa1
Street Sweeping Schedule: https://arcg.is/1nmPa1
Chloride Reduction Plan: https://arcg.is/1nmPa1
Annual Salt Usage Report https://arcg.is/1nmPa1
Lake Phosphorus Control Plan: Not Applicable
Lake Phosphorus Control Plan (Items 1-4): 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 5 reporting period and can be found on the [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 type="checkbox"/> Nitrogen
<input checked="" 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 you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

Yes

The Town of Goffstown has made changes to the list of receiving waters, outfalls, or impairments since the NOI submission. The following impairments and/or TMDLs have been added or delisted:

Water Quality Impaired Waters:

Harry Brook – Delisted for Escherichia Coli

TMDL: Not Applicable

No

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

Harry Brook has been delisted from the 2018 303(d) list for E-coli impairment.

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*: 5

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

No

Yes.

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 municipally created flyers, mailers, postcards, videos and social media posts. The Goffstown Department of Public Works attended National Night out on August 2, 2022. The Department had a booth with stormwater information displayed and handed out brochures to and discussed the importance of keeping our lakes, rivers, and streams clean.

Targeted Audience:

Residential, Business, and Institutions

Responsible Department/Parties:

Goffstown Department of Public Works

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 flyers that were distributed during this reporting period:

Year 5 = ~30 Brochures

The Town of Goffstown Estimates that approximately 200-300 residents viewed our yard waste and fertilizer information at National Night out on August 2, 2022 during this reporting period.

Goal was achieved.

Message Date: August 2, 2022

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, mailers, and brochures with educational information about proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging.

The Goffstown Department of Public Works attended National Night out on August 2, 2022. The Department had a booth with stormwater information displayed and handed out brochures that explain the importance of proper pet waste disposal and discussed the importance of keeping our lakes, rivers, and streams clean.

The Parks and Recreation Department has installed Pet Waste Stations, which direct citizens to pick up after their pets and provide bags and a trash can to dispose of the waste.

Informational posters have been installed on bulletin boards along the Goffstown Rail Trail informing trail users about the importance of cleaning up after their pets.

Targeted Audience:

Residents - Pet Owners

Responsible Department/Parties:

Goffstown Department of Public Works

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.

The Town of Goffstown mailed out informational flyers to all dog owners with the annual licensing reminders. The mailer can be found here: <https://arcg.is/1nmPa1>

Following are the number of mailers, and brochures that were distributed during this reporting period:

Year 5 = 1981 mailers

Year 5 = ~30 brochures

The Town of Goffstown Estimates that approximately 200-300 residents viewed pet waste information at National Night out on August 2, 2022 during this reporting period.

Goal was achieved.

Message Date: The mailer was sent out with dog licensing renewal reminders in March of 2023.

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 brochures and social media posts with messaging about impacts from yard waste to waterbodies, alternatives to dumping yard waste, and laws against dumping yard waste near or in waterbodies.

The Town of Goffstown has implemented a composting effort/program by allowing the public to drop off compostable materials at the Town transfer station and providing educational materials on the water quality benefits of composting, etc.

The Goffstown Department of Public Works attended National Night out on August 2, 2022. The Department had a booth with stormwater information displayed and handed out brochures that explain the importance of proper yard waste disposal and discussed the importance of keeping our lakes, rivers, and streams clean.

Targeted Audience:

Residential, Business, and Institutions

Responsible Department/Parties:

Goffstown Department of 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 are the number of flyers, brochures, and door hangers that were distributed during this reporting period:

Year 5 = ~30 brochures

A social media post was shared on the Goffstown Public Works page the explained the importance of proper disposal of yard debris. Also included in the post was a fun idea to build a scarecrow with some of the yard waste to get more engagement.

The Town of Goffstown Estimates that approximately 200-300 residents viewed yard waste information at National Night out on August 2, 2022 during this reporting period.

Goal was achieved.

Message Date: Fall October 17, 2022

BMP: Septic System Maintenance

Outreach Resources:

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

Description:

Distribution and promotion of Get Pumped NH, EPA, **and/or** municipally created brochures, letters, videos **and/or** social media posts educating 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).

The Goffstown Department of Public Works attended National Night out on August 2, 2022. The Department had a booth with stormwater information displayed and handed out brochures that explain the importance of proper septic system maintenance and discussed the importance of keeping our lakes, rivers, and streams clean.

During Septic Smart week a social media post was shared on the Goffstown Public Works page discussing the importance of proper septic maintenance.

Targeted Audience:

Septic System Owners

Responsible Department/Parties:

Goffstown Department of Public Works

Measurable Goal(s):

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

Following are the number of brochures and letters that were distributed **during this reporting period:**

Year 5 = ~30 brochures

The Town of Goffstown Estimates that approximately 200-300 residents viewed yard waste information at National Night out on August 2, 2022 during this reporting period.

Goal was achieved.

Message Date: Social Media Post September 22, 2022

BMP: Industrial Outreach

Outreach Resources:

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

Description:

- The Town of Goffstown does not have any industrial facilities located within the NH MS4 regulated area that are permitted under the NPDES Multi-Sector General Permit. The Goffstown Transfer Station is regulated under the NPDES Multi-Sector General Permit, but is located outside of the Town's MS4 regulated area. The Goffstown Transfer Station is run by Goffstown Department Public Works, so no outreach was completed. This has been documented in The Town of Goffstown's NOI and SWMP that this audience is absent from the municipality. No education or outreach efforts were conducted **during this reporting period** for the industrial audience as a result.

Targeted Audience:

Industrial facilities regulated under the Multi-Sector General Permit located within the regulated NH MS4 area.

Responsible Department/Parties:

Goffstown Department of Public Works

Measurable Goal(s):

Operators and managers of industrial facilities are made aware of the updates and changes made to the EPA 2021 Multi-Sector General Permit including the requirements to additional monitoring, updated benchmark thresholds and monitoring schedules, monitoring of impaired waters, and specific additional monitoring depending on the industry sector. In addition, noted the overlapping requirements with the NH MS4 General Permit.

Following are the number of outreach letters and fact sheets that were distributed to municipal or local organizations during this reporting period:

Year 5 = 0 letters

Year 5 = 0 fact sheets

Goal was achieved.

Message Date: N/A

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 Town of Goffstown’s SWMP.
- Kept records relating to the permit available 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) is accessible for view on the Towns MS4 website <https://arcg.is/1nmPa1> or it can be viewed at the Goffstown Department of Public Works office, 404 Elm Street, Goffstown NH, 03045.

Documents and records relating to the permit are retained and available for 5 years to the public at the Goffstown Department of Public Works office, 404 Elm Street, Goffstown NH, 03045.

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

No

Yes.

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 ancillary to daily operations.

The Town of Goffstown has conducted the following public involvement or participation opportunities: Attended National Night Out on August 2, 2022 The Department had a display booth, brochures were handed out and the team discussed the Town’s MS4 and stormwater related information. The event had hundreds of attendees, and many stopped to view the materials and discuss stormwater with us.

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.
- This SSO section is NOT applicable because we DID NOT find any new SSOs.
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented or was addressed and can be found in submission.

Below, report on the number of SSOs identified in the MS4 system and removed:

Number of SSOs identified **during this reporting period**: Not Applicable

Number of SSOs removed **during this reporting period**: Not Applicable

MS4 System Mapping

- Updated system map due in Year 2 as necessary:

Provide additional status information regarding your map:

Map of storm sewer system and associated outfalls is continually updated to reflect findings and changes. This is an ongoing process as we update the Town's closed drainage system after each road project.

Screening of Outfalls/Interconnections

Dry Weather Screening

- No outfalls were inspected for dry weather screening during this report period.
- Outfalls were inspected for dry weather screening during this report period and data can be found in submission **and** at the following website <https://arcg.is/1nmPa1>.

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

Number of outfalls/interconnections screened **during this reporting period**: 33

Percent of total known outfalls/interconnections screened **to date (Year 1 –5)**: 38.3%

All outfalls are inspected annually during dry weather conditions. During our outfall inspections to date, 56 outfalls (38.3%) had flow during dry weather conditions, all other outfalls were dry and therefore could not be screened. The outfalls that had flow were screened and results have been uploaded to the following website <https://arcg.is/1nmPa1>

The inventory and ranking of outfalls/interconnections was updated in Year 5 and the IDDE Program Plan was revised as a result. The revised inventory and ranking of outfalls/interconnections can be found <https://arcg.is/1nmPa1>.

Wet Weather Screening

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

Catchment Investigations

- No catchment investigations were conducted **during this report period**. Catchment investigations include investigations associated with Problem, High Priority, and Low Priority Outfalls/Interconnections within the MS4 regulated area.

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

No catchment investigations were conducted during this reporting period because no SSOs or IDDEs were discovered or reported. During outfall screenings no indicators were found that required catchment investigations.

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**: N/A

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

Total number of illicit discharges identified **since the effective date of the permit (July 1, 2018 – June 30, 2023)**: 1

Total number of illicit discharges removed **since the effective date of the permit (July 1, 2018 – June 30, 2023)**: 1

Employee Training

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

The Town of Goffstown 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, The Town of Goffstown 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*: 7

Number of inspections completed *during this reporting period*: 29

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

The Town of Goffstown 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

Ordinance or Regulatory Mechanism

- The Town of Goffstown has a regulatory mechanism(s) consistent with permit requirements 2.3.6.a.ii.

Date regulatory mechanism was adopted: Prior to July 27, 2021. The regulatory document can be found at: <https://arcg.is/1nmPa1>

As-built Drawings

Number of as-built drawings received *during this reporting period*: 7

Street Design and Parking Lots Report

- During Year 4**, The Town of Goffstown developed a report assessing current street design and parking lot regulations to determine the feasibility of making low impact design options allowable when appropriate site conditions exist and made it available as part of the SWMP.
- Updates were recommended to the Assessment Report *during this reporting period*. Following are the recommended updates: The report recommends a requirement to include a certain percentage of compact car parking spaces to reduce the amount of impervious area on a site. The anticipated date or date of completion for updates is outlined in the report.

Green Infrastructure Reports

- During Year 4**, The Town of Goffstown developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist and made it available as part of the SWMP.
- No updates were made *during this reporting period* because existing local regulations allow the use of green infrastructure practices.

Retrofit Properties Inventory

- The Town of Goffstown identified permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover in **Year 4**. The following was completed *during the reporting period*: No properties were modified or retrofitted during this reporting period.

The Town of Goffstown has identified the remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and of which are not included in the list below:

List of MS4 Properties:

- 9 Barnard Lane – Barnard Park
- 31 Rosemont Street – Roy Park
- 18 Church Street – Goffstown Fire Department
- 16 Main Street – Goffstown Town Hall
- 2 High Street – Goffstown Public Library
- 27 East Union Street – Goffstown Sewer Commission Pump Station
- 11 School Street – SAU #19 Office
- 155 South Mast Street – Goffstown Department of Parks and Recreation
- 86 Center Street – Hillside Cemetery
- Wallace Rd – Goffstown Highschool
- Main Street – Goffstown Town Common
- 656 Mast Road – Pinardville Fire Station
- Mill Street – Vacant Land
- Bay Street – Vacant Land
- 1 North Mast Street – Vacant Land
- Henry Bridge Road – Vacant Land
- Ivy Street - ROW

List of Non-MS4 Properties:

- Goffstown Back Road – Vacant Land
- 83 North Mast Street – Westlawn Cemetery
- 326 Mast Road – Goffstown Police Department
- North Mast Street – Westlawn Cemetery Expansion
- Off Back Mountain Road – Shirley Hill Cemetery
- Off Montelona Road – Vacant Land
- 289 Tirrell Hill Road – Goffstown Fire Department Station 17
- 87 Center Street – Grasmere Town Hall

The Town of Goffstown has not yet modified or retrofitted the following any of the aforementioned properties with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.e as part of the permit in Year 4 or Year 5.

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

Not Applicable.

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:
 - No actions were taken because no catch basin sumps were more than 50% full during two consecutive routine inspections/cleaning events.

Number of catch basins inspected **during this reporting period:** 345

Number of catch basins cleaned **during this reporting period:** 345

Total volume **or** mass of material removed from **all** catch basins **during this reporting period:** 101 CY

Total number of catch basins within the MS4 system: 1,829

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:** 64.5

Volume of swept material **during this reporting period:** N/A

Mass of swept material **during this reporting period:** N/A

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

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

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 5.

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:

Due to reasons outside of the Town's control, the street sweeping spoils were not quantified this reporting year. The Town's transfer station scale was inoperable at the time of the street sweeping and the message to the sweeping contractor to track the volume of the loads was not conveyed to the driver. The Town's scale has since been replaced and we will ensure that next year the sweeper weighs in and out each time they dump.

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 **does not** have a chloride impairment.
- Permittee **has** a chloride impairment.
 - Fully implemented Salt Reduction Plan *during this reporting period* and can be found at the following website <https://arcg.is/1nmPa1>

The Municipal Green SnowPro Certification Program bill was passed during the 2021 legislation session. NHDES developed rules and regulations *during this reporting period*. Final approval of the rules and regulations is anticipated in 2023/2024.
 - Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the New Hampshire DES Annual Salt Usage reporting form and submitting it to NHDES, and can be found at the following website <https://arcg.is/1nmPa1>. 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 **does not** have a nitrogen impairment.
- 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.**
 - 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 one time per year (spring) and implemented a fall leaf litter collection program in lieu of post-drop street sweeping **during this reporting period.**

Nitrogen Source Identification Report- Update

Not Applicable.

Structural BMPs

- The Nitrogen Source Identification Report can be found in submission **and/or** at the following website ##website link.

The updates to the Nitrogen Source Identification Report can be found in *Section 2: Potential Structural BMPs Report (Year 5)* and include the following:

 - 1.) Completed the evaluation of all permittee-owned properties identified as presenting retrofit opportunity or areas for structural BMP installation under permit part 2.3.6.d as identified in the Nitrogen Source Identification Report update that are within the drainage area of the impaired water or its tributaries. The report includes the next planned infrastructure, resurfacing, or redevelopment activity planned for the property (if applicable) or planned project; Estimated cost of redevelopment or retrofit BMPs, and; Engineering and regulatory feasibility of redevelopment or retrofit BMPs.
 - 2.) Completed a listing of planned structural BMPs and a plan and schedule for implementation.

3.) Method of tracking and accounting for nitrogen, and metrics associated with individual BMPs.

- Structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by ##MUNICIPALITY or its agents was tracked and the nitrogen removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated nitrogen removed in mass per year by the BMP were documented in *Section 2: Potential Structural BMPs Report (Year 5)* of the Nitrogen Source Identification Report. The total estimated nitrogen removed from the installed BMP(s) is ##lbs/year.
- No BMPs were installed **during this reporting period**. The implementation schedule is outlined in *Section 2: Potential Structural BMPs Report (Year 5)* of the Nitrogen Source Identification Report. The total estimated nitrogen removed from the installed BMP(s) is 0 lbs/year.

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.
- Permittee **has** a phosphorus 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**.
 - 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 one time per year (spring) and implemented a fall leaf litter collection program in lieu of post-drop street sweeping **during this reporting period**.

Phosphorus Source Identification Report- Update

Structural BMPs

- The Phosphorus Source Identification Report was updated during this reporting period and can be found at the following website <https://arcg.is/1nmPa1>. The updates to the Phosphorus Source Identification Report can be found in *Section 2: Potential Structural BMPs Report (Year 5)* and include the following:
 - 1.) Completed the evaluation of all permittee-owned properties identified as presenting retrofit opportunity or areas for structural BMP installation under permit part 2.3.6.d as identified in the Phosphorus Source Identification Report update that are within the drainage area of the impaired water or its tributaries. The report includes the next planned infrastructure, resurfacing, or redevelopment activity planned for the property (if applicable) or planned project; Estimated cost of redevelopment or retrofit BMPs, and; Engineering and regulatory feasibility of redevelopment or retrofit BMPs.
 - 2.) Completed a listing of planned structural BMPs and a plan and schedule for implementation.
 - 3.) Method of tracking and accounting for phosphorus, and metrics associated with individual BMPs.
- Structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by ##MUNICIPALITY or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated phosphorus removed in mass per year by the BMP were documented in *Section 2: Potential Structural BMPs Report (Year 5)* of the Phosphorus Source Identification Report. The total estimated phosphorus removed from the installed BMP(s) is ##lbs/year.
- No BMPs were installed **during this reporting period**. The implementation schedule is outlined in *Section 2: Potential Structural BMPs Report (Year 5)* of the Phosphorus Source Identification Report. The total estimated phosphorus removed from the installed BMP(s) is 0 lbs/year.

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

In lieu of street sweeping the Town of Goffstown chose to implement a leaf litter collection program by accepting leaf litter at the Goffstown Transfer Station. This is noted on the Town's website and a social media message was posted on October 17, 2022, to encourage citizens to properly dispose of yard waste.

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

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

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

Not Applicable.

Chloride TMDL (Appendix F)

- Permittee **does not** have a chloride TMDL.
- Permittee **has** a chloride TMDL.
 - Fully implemented Chloride Reduction Plan **during this reporting period** and can be found in submission **and/or** at the following website ##website link.

The Municipal Green SnowPro Certification Program bill was passed during the 2021 legislation session. NHDES developed rules and regulations **during this reporting period**. Final approval of the rules and regulations is anticipated in 2023/2024.
 - Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the New Hampshire DES Annual Salt Usage reporting form, submitting it to NHDES, and can be found in submission **and/or** at the following website ##website link. 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.

Lake and Pond Phosphorus TMDL (Appendix F)

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

- ##MUNICIPALITY completed a written Lake Phosphorus Control Plan **during the reporting period**. The completed plan includes items 1-8 in Appendix F, Table F-3 and can be found in submission **and/or** at the following website ##website link. The plan is available to the public at ##website and/or facility and physical location.

- During Years 1-4**, ##MUNICIPALITY completed the following items 1-4 of the Lake Phosphorus Control Plan and as outlined in Appendix F, Table F-3: 1.) Legal analysis, 2.) Funding source assessment, 3.) Define LPCP scope (LPCP area), and, 4.) Calculated baseline phosphorus, allowable phosphorus load and phosphorus reduction requirement. The documents can be found in submission **and/or** at the following website ##website link.

##MUNICIPALITY is utilizing the resources developed by the New Hampshire Stormwater Coalition. Resources have been developed but the written Lake Phosphorus Control Plan template was not available **during this reporting period**. The New Hampshire Stormwater Coalition is in the process of finalizing the written Lake Phosphorus Control Plan template during the summer of 2023 and is offering a workshop on August 21, 2023, for permittees to obtain information on how to fill out the template and associated spreadsheets.

##MUNICIPALITY will complete a written Lake Phosphorus Control Plan during Year 6 and provide an update on the progress in the Year 6 Annual Report. ##MUNICIPALITY 's plan will be available to the public once it is completed at following website ##website link **and/or** facility and physical location.

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

Not Applicable.

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.

The results from additional reports or studies are in submission.

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:

Not Applicable

Description of Any Changes in Identified BMPs or Measurable Goals

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