

Year 6 Annual Report

New Hampshire Small MS4 General Permit


Reporting Period: July 1, 2023 - June 30, 2024

Town of Goffstown

EPA NPDES Permit Number NHR041108

Certification of Small MS4 Year 6 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: 9/26/24

Authorized Representative:

The authorization letter is:

Attached to this document (document name listed below):

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, 2023, through June 30, 2024**, 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 Stormwater Management Program Plan (SWMP) and Illicit Discharge Detection and Elimination (IDDE) Plan. Those documents and other pertinent Year 6 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: June 2024
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 2024 due to late start time of our summer interns and lack of rain.
Catchment Investigation Data: https://arcg.is/1nmPa1
System Vulnerability Factors: https://arcg.is/1nmPa1
Illicit Discharge Removal Report: There were no illicit discharges discovered this permit year. A list of previous permit years illicit discharges can be found here: https://arcg.is/1nmPa1
Results from additional stormwater or receiving water quality monitoring reports or studies: Not Applicable
PTAP 2024 Nutrient Reduction Report: https://arcg.is/1nmPa1
Salt Reduction Plan: https://arcg.is/1nmPa1
Annual Salt Usage Report https://arcg.is/1nmPa1
Updated Nitrogen Source Identification Report: Not Applicable
PTAP 2024 Nutrient Reduction Report: https://arcg.is/1nmPa1

Goffstown Nutrient Tracking Program Report: Not Applicable
Updated Phosphorus Source Identification Report: https://arcg.is/1nmPa1
PTAP 2024 Nutrient Reduction Report: https://arcg.is/1nmPa1
Goffstown Nutrient Tracking Program Report: Not Applicable
Street Sweeping Schedule: Annually
Chloride Reduction Plan: Not Applicable
Annual Salt Usage Report https://arcg.is/1nmPa1
Lake Phosphorus Control Plan: Not Applicable
PTAP 2024 Nutrient Reduction Report: https://arcg.is/1nmPa1
Goffstown Nutrient Tracking Program Report: 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 6 reporting period and can be found on the [New Hampshire Department of Environmental Services \(NHDES\) webpage](#).

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

Impairment(s)		
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input checked="" type="checkbox"/> Chloride	<input 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 there been any changes to your lists of **receiving waters or impairments** since the NOI was submitted?

Yes

Changes have been made to the lists of receiving waters 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

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

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

Yes

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

A total of ##Number outfall(s) have added.

A total of ##Number outfall(s) have removed.

No

Goffstown 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:

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*: 4

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 a Touch a Truck put on by the Goffstown Municipal Library on July 21, 2023, and National Night out on August 1, 2023. 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 and 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 is the number of flyers that were distributed *during this reporting period*:

Year 6 = ~25 of flyers

The Town of Goffstown Estimates that approximately 250-300 residents viewed our yard waste and fertilizer information at National Night out on August 1, 2023, during this reporting period **Goal was achieved.**

Message Date: July 21, 2023, and August 1, 2023

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:

The Goffstown Department of Public Works attended a Touch a Truck put on by the Goffstown Municipal Library on July 21, 2023, and National Night out on August 1, 2023. 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.

In 2022 the town sent out mailers with the dog license renewal reminders to all the residents with registered dogs in town. This year due to the Town being in a default budget, these mailers were not sent out. We hope to continue with these next year

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 is the number of brochures that were distributed during this reporting period:

Year 6 = ~25

The Town of Goffstown Estimates that approximately 250-300 residents viewed pet waste information at National Night out on August 1, 2023, during this reporting period.

Goal was achieved.

Message Date: July 21, 2023, and August 1, 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:

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 a Touch a Truck put on by the Goffstown Municipal Library on July 21, 2023, and 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 and 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 6 = ~25 of brochures

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

Year 6 = 6 Likes and 1 Share

The Town of Goffstown Estimates that approximately 250-300 residents viewed yard waste information at National Night out on August 1, 2023, during this reporting period.

Goal was achieved.

Message Date: July 21, 2023, August 1, 2023, and Social Media Post on October 24, 2023

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:

The Goffstown Department of Public Works attended a Touch a Truck put on by the Goffstown Municipal Library on July 21, 2023, and 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 6 = ~25 of brochures

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

Year 6 = 5 Likes

The Town of Goffstown Estimates that approximately 250-300 residents viewed yard waste information at National Night out on August 1, 2023, during this reporting period.

Goal was achieved.

Message Date: July 21, 2023, August 1, 2023, and the social media post on September 19, 2023

BMP: Construction/Developers Outreach

Outreach Resources:

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

Description:

- Provide the Construction General Permit (CGP) outreach letter and fact sheets to developers, construction contractors, and other municipal or local organizations to educate them on the

EPA 2022 Construction General Permit along with information on the selection, installation, and maintenance of construction related best management practices.

- ☒ Review the construction checklist with developers and construction contractors prior to the beginning of construction projects (pre-construction) to identify responsible parties, erosion control practices, other best management practices, and requirements for the EPA Construction General Permit as appropriate.

Targeted Audience:

Construction/Developers

Responsible Department/Parties:

Goffstown Department of Public Works

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 of fact sheets that were distributed to contractors, developers, and municipal or local organizations **during this reporting period:**

Year 6 = 0 of CGP fact sheets

Year 6 = 0 of BMP fact sheets

The Town of Goffstown held 5 pre-construction meetings, representing 100% of projects that received planning board approval and began construction **during this reporting period.**

Goal was achieved.

Message Date: Meetings were held throughout the permit year.

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 for 5 years and made available to the public.

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

Description:

The Stormwater Management Program (SWMP) was publicly reviewed at the Town's MS4 website <https://arcg.is/1nmPa1>. 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 a Touch a Truck put on by the Goffstown Municipal Library on July 21, 2023, and National Night Out (NNO) on August 1, 2023. The Department had a display booth at both events. Brochures were handed out and the team discussed the Town's MS4 and stormwater related information. NNO 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**: 0

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

MS4 System Mapping

- Updated **Phase 1** system map due in Year 2 as necessary:

Provide additional status information regarding your map:

Phase 1 map of storm sewer system and associated outfalls was completed in Year 2 and there have been no updates since that time.

Map of storm sewer system and associated outfalls is continually updated to reflect findings and changes.

- Updated **Phase 2** system map (due in Year 10):

Percent of Phase 2 map completed: 0% as of June 30, 2024.

Provide additional status information regarding your map:

Map of storm sewer system, catchments, and related elements is continually updated to incorporate findings and changes from catchment investigations.

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 <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**: 37

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 6)**: 100%

All outfalls are inspected annually during dry weather conditions. During our outfall inspections to date, 37 outfalls (28%) 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 6 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**.
- Wet weather outfall/interconnection screening data can be found in submission.

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

Percent of total known outfalls/interconnections screened **to date (Year 1 – Year 6)**: 0

Catchment Investigations

- No catchment investigations were conducted **during this reporting period**. Catchment investigations include investigations associated with Problem, High Priority, and Low Priority Outfalls/Interconnections within the MS4 regulated area.
- Catchment investigations were conducted, and data can be found in submission.

Number of catchment investigations **during this reporting period**: 0. Catchment Investigations were conducted as outlined in Part [2.3.4.8](#) of the permit and include investigations associated with Problem, High Priority, and Low Priority Outfalls and Interconnections within the MS4 regulated area.

Percentage of total catchments investigated **to date (Year 1 - Year 6)**: 0

IDDE Progress

- No illicit discharges were found **during this reporting period**.
- Illicit discharges were found but not removed **during this reporting period**.
- Illicit discharges were removed **during this reporting period** and the illicit discharges removal report can be found in submission.

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, 2024)**: 1

Total number of illicit discharges removed **since the effective date of the permit (July 1, 2018 – June 30, 2024)**: 1

Employee Training

- Provided training to employees involved in IDDE program **during this 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*: 10

Number of inspections completed *during this reporting period*: 9

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.
Date regulatory mechanism(s) was adopted: July 27, 2021. The regulatory document can be found at: <https://arcg.is/1nmPa1>
- Goffstown has not drafted **or** adopted a regulatory mechanism(s) consistent with permit requirements.

As-built Drawings

Number of as-built drawings received **during this reporting period**: 3

Street Design and Parking Lots Report

- The **Assessment Report** was evaluated and no updates were recommended **during this reporting period**.
- The **Assessment Report** was evaluated and updates were recommended **during this reporting period**. Following are the recommended updates: The Town of Goffstown to note recommended or planned changes here. The anticipated date of completion for updates is##date outlined in the report.
- No updates were made **during this reporting period** because all required updates have been made to make low impact designs allowable as outlined in the **Assessment Report**.
- No updates were made or planned to be made to **Local Regulations and/or Guidelines during this reporting period**.
- Updates were recommended **and Local Regulations and Guidelines** were updated **during this reporting period**. Following are the updates: The Town of Goffstown has added the a requirement for a certain percentage of parking spaces to be reduced in size for compact automobiles. This will help reduce impervious area on site. The date of completion for updates was March 12, 2024.
- No updates were made **during this reporting period** because all required **Local Regulation and/or Guideline** updates have been made to make low impact designs allowable as outlined in the Local Regulations Assessment Report.

Green Infrastructure Reports

- The **Assessment Report** was evaluated and no updates were recommended *during this reporting period*.
- The **Assessment Report** was evaluated and updates were recommended *during this reporting period*. Following are the recommended updates: ##MUNICIPALITY to note recommended or planned changes here. The anticipated date of completion for updates is ##date outlined in the report.
- No updates were made *during this reporting period* because all required updates have been made to make green infrastructure practices allowable as outlined in the **Assessment Report**.
- No updates were made or planned to be made to **Local Regulations during this reporting period**.
- Updates were made to the **Local Regulations during this reporting period**. ##MUNICIPALITY has made progress on Green Roofs, Infiltration Practices, **and/or** Water Harvesting. Progress includes updating the ordinance, regulation **and/or** code.
- No updates were made *during this reporting period* because all required **Local Regulation** updates have been made to make green infrastructure practices allowable as outlined in the Assessment Report.

Retrofit Properties Inventory

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

List of MS4 Properties:

List of Non-MS4 Properties:

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

The Town of Goffstown was anticipating constructing a structural bmp (bio-retention pond) with one of our road projects this season. Due to the Town operating under a default budget this year, the road plan had to be adjusted to match the budget. Unfortunately, this specific project was unable to be completed. It has been placed at the top of the list for next season.

The Town has added one new BMP since year one of the MS4 permit. This BMP is a large wet pond that was constructed along with a new athletic field and parking lot located at the Goffstown Sports Complex, 416 Elm Street, Goffstown NH, 03045. The project was completed in 2020. The nutrient reduction for this BMP can be found on the Town’s nutrient reduction report found here

<https://arcg.is/1nmPa1>

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:** 381

Number of catch basins cleaned **during this reporting period:** 381

Total volume **or** mass of material removed from **all** catch basins **during this reporting period:** 195.4 Tons

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.

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

Number of (lane) miles swept **during this reporting period:** 64.5

Mass of swept material **during this reporting period:** 29.1 Tons

Stormwater Pollution Prevention Plan (SWPPP)

The Town of Goffstown 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

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 6.

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:

Not Applicable

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 which can be found at the following website <https://arcg.is/1nmPa1>.

The Municipal Green SnowPro Certification Program's (Program) rules and regulations were approved and adopted in 2024. The Program anticipates they will be ready to accept voluntary applications from municipalities in fall of 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

Structural BMPs

- The Nitrogen Source Identification Report was reviewed and there were no updates required **during this reporting period** because there were no revisions. The Nitrogen Source Identification Report can be found in submission **and/or** at the following website ##website link.
- The Nitrogen Source Identification Report was **updated during this reporting period** and can be found in submission **and/or** at the following website ##website link. An updated list of the planned structural BMPs and a plan and schedule for implementation can be found in *Section 2: Potential Structural BMPs Report (Year 5) part 1.1.c.ii* of the Nitrogen Source Identification Report.
- ##MUNICIPALITY has **not** installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** ##MUNICIPALITY plans to install a structural BMP(s) on ##Date structural BMP will be installed.

- ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries, **but the structural BMP was installed after the end of this reporting period.** The structural BMP(s) was installed on ##Date structural BMP(s) was installed. The type of structural BMP(s) that was installed was ##Type of structural BMP(s) that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part I.1.c.iii* of the Nitrogen Source Identification Report.
- ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** The type of structural BMP(s) that was installed was ##Type of structural BMP that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part I.1.c.iii* of the Nitrogen Source Identification Report.
- Structural BMP(s) 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(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated nitrogen removed in mass per year by the BMP(s) were documented in **PTAP 2024 Nutrient Reduction Report** in submission **and/or** at ##website link. The total estimated nitrogen removed from the installed BMP(s) is ##lbs/year.

##MUNICIPALITY is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with stormwater structural and non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows ##MUNICIPALITY 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 BMP(s) 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(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated nitrogen removed in mass per year by the BMP(s) were documented in **##MUNICIPAL Tracking Program** in submission **and/or** at ##website link. 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) in Part I.1.c.i* 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 reviewed and there were no updates required **during this reporting period** because there were no revisions. The Phosphorus Source Identification Report can be found at the following website <https://arcg.is/1nmPa1>.
- The Phosphorus Source Identification Report was **updated during this reporting period** and can be found in submission **and/or** at the following website ##website link. An updated list of the planned structural BMPs and a plan and schedule for implementation can be found in *Section 2: Potential Structural BMPs Report (Year 5) part II.1.c.ii* of the Phosphorus Source Identification Report.
- ##MUNICIPALITY has **not** installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** ##MUNICIPALITY plans to install a structural BMP(S) on ##Date structural BMP will be installed.
- ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries, **but the**

structural BMP was installed after the end of this reporting period. The structural BMP(s) was installed on ##Date structural BMP(s) was installed. The type of structural BMP(s) that was installed was ##Type of Structural BMP(s) that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part II.1.c.iii* of the Phosphorus Source Identification Report.

- The Town of Goffstown has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** The type of structural BMP(s) that was installed was a wet pond. It was constructed in late 2019 early 2020 to treat runoff from a newly constructed athletic field and its parking lot. The site is just outside of the designated MS4 area but is part of the Piscataquog River watershed which ultimately flows to Namaske Lake (Phosphorus impaired). Information regarding the installed BMP(s) can be found in the nutrient 2024 Nutrient Reduction Report located here <https://arcg.is/1nmPa1>.

- Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the Town of Goffstown or its agents was tracked and the phosphorus removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated phosphorus removed in mass per year by the BMP(s) were documented in **PTAP 2024 Nutrient Reduction Report** at <https://arcg.is/1nmPa1>. The total estimated phosphorus removed from the installed BMP(s) is 1.07lbs/year.

The Town of Goffstown is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with stormwater structural and non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows the Town of Goffstown 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 BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by The Town or its agents was tracked and the phosphorus removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated

phosphorus removed in mass per year by the BMP(s) were documented in **##MUNICIPAL Tracking Program** in submission **and/or** at **##website link**. 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) in Part II.1.c.i* 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:

Not Applicable

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**. ##MUNICIPALITY street sweeping schedule can be found in submission **and/or** at ##website link.

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 which can be found in submission **and/or** at the following website ##website link.

The Municipal Green SnowPro Certification Program's (Program) rules and regulations were approved and adopted in 2024. The Program anticipates they will be ready to accept voluntary applications from municipalities in fall of 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.

Year 5 Lake Phosphorus Control Plan Reporting Requirements

- ##MUNICIPALITY has **not fully completed the Year 5 requirements** of the written Lake Phosphorus Control Plan **during this reporting period**. The partially completed plan 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. ##MUNICIPALITY has completed the following sections of the written Lake Phosphorus Control Plan **during this reporting period**:

- Description of Planned Non-structural Controls
- Description of Planned Structural Controls
- Description of Operation and Maintenance (O&M) Program
- Implementation Schedule
- Cost and Funding Source Assessment

##MUNICIPALITY plans to complete the outstanding items noted above by ##Date.

- ##MUNICIPALITY **completed** a written Lake Phosphorus Control Plan **during the Year 5 reporting period** and was reported in the ##MUNICIPALITY Year 5 Annual Report. The completed plan can be found in submission **and/or** at the following website ##website link. The plan is available to the public at ##website link **and/or** facility and physical location. The completed written Lake Phosphorus Control Plan contains the following information:

- Description of Planned Non-structural Controls
- Description of Planned Structural Controls
- Description of Operation and Maintenance (O&M) Program
- Implementation Schedule
- Cost and Funding Source Assessment

- ##MUNICIPALITY **completed** a written Lake Phosphorus Control Plan **during this reporting period**. ##MUNICIPALITY utilized the resources developed by the New Hampshire Stormwater Coalition. Resources, including the written Lake Phosphorus Control Plan template, were not developed until after the Year 5 reporting period. The completed plan 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. The completed written Lake Phosphorus Control Plan contains the following information:

- Description of Planned Non-structural Controls
- Description of Planned Structural Controls
- Description of Operation and Maintenance (O&M) Program
- Implementation Schedule
- Cost and Funding Source Assessment

Year 6 Lake Phosphorus Control Plan Reporting Requirements

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

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

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

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

##MUNICIPALITY is utilizing the resources developed by the New Hampshire Stormwater Coalition. Resources have been developed but the **phosphorus load increase due to development incurred since baseline loading** was not calculated **during this reporting period**. The New Hampshire Stormwater Coalition is in the process of calculating the **phosphorus load increase due to development incurred since baseline loading** and will be available during Year 7. ##MUNICIPALITY will provide an update on the progress in the Year 7 Annual Report.

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

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

Non-Structural Controls

- ##MUNICIPALITY has **not** implemented all selected Lake Phosphorus Control Plan **non-structural control measure(s) during this reporting period** and has **not** documented the measure(s) and their phosphorus reductions. The non-structural control measure(s) that have been implemented are recorded within the ##MUNICIPALITY's written Lake Phosphorus Control Plan which can be found in submission **and/or** at the following website ##website link.

- ##MUNICIPALITY 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 ##MUNICIPALITY written Lake Phosphorus Control Plan which can be found in submission **and/or** at the following website ##website link.

##MUNICIPALITY 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 ##MUNICIPALITY 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

- ##MUNICIPALITY has **not** installed any **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. Therefore ##MUNICIPALITY has not documented the location, phosphorus reduction in mass/year, and date of last completed maintenance and inspection for each installed control within the written Lake Phosphorus Control Plan.
- ##MUNICIPALITY has installed **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. ##MUNICIPALITY 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 in submission **and/or** at the following website ##website link.

##MUNICIPALITY 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 ##MUNICIPALITY the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight of evidence-based approach can be shared with other entities including EPA, NHDES, and other

MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

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

Not Applicable

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.