

Year 6 Annual Report

New Hampshire Small MS4 General Permit

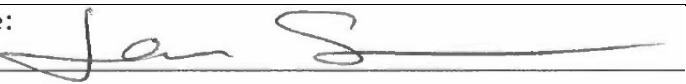
Reporting Period: July 1, 2023 - June 30, 2024

Hampton, NH

EPA NPDES Permit Number NHR041038

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:	James B. Sullivan
Title:	Town Manager
Signature:	
	Date: September 27, 2024

Primary MS4 Program Manager Contact Information:

Name: Joseph	Title/Position: Deputy Director of Public Works	
Department: Department of Public Works		
Street Address: 100 Winnacunnet Road		
City: Hampton	State: New Hampshire	Zip Code: 03842
Email: jlynch@hamptonnh.gov	Phone Number: 603-929-5925	

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 Hampton 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://www.hamptonnh.gov/DocumentCenter/View/5835/Stormwater-Management-Plan-SWMP_01-07-22?bidId= The SWMP can also be found on the Hampton Network @ H:/Stormwater Clean/Stormwater Management Plan (SWMP)/Stormwater Management Plan (SWMO)_1-07-22

Date SWMP was Last Updated: The SWMP is reviewed annually and was last updated, as necessary, on January 7, 2022. The plan remains current and valid.

IDDE Program Plan: The IDDE Plan can also be found on the Hampton Network @ H:/Stormwater Clean/Illicit Discharge Detection & Elimination (IDDE)/IDDE Plan_06-30-20. The plan was reviewed during Permit Year 6 and no revisions (other than tabular updates) were necessary.

Updated System Map: Hampton maintains a real-time map of all its' assets, including stormwater, on a web-based software product called PeopleGIS. * The link to the map is...
<https://www.mapsonline.net/hamptonnh/qa.html?#x=-7885227.105279,5300441.140312,-7881691.892722,5302232.633162> . During Permit Year 6 Hampton obtained a new GPS antenna which has allowed for asset mapping accuracy with sub-centimeter horizontal and sub-5-centimeter vertical accuracy. Although mapped assets have always been sufficiently accurate to meet MS4 mapping requirements, the improved accuracy broadens the Towns use of the PeopleGIS platform for many more purposes that require greater precision. The new antenna is used during all maintenance and inspection efforts, allowing each assets' accuracy to be updated "on the fly". All stormwater asset accuracy will be improved to the greater level of precision in 36 months (2027)

* (PeopleGIS, and all its suites, are web-based GIS asset management solutions. To maintain Cyber Security, access and use of these applications is only via a secure password protected application. Any person who wishes to review any map or information in the PeopleGIS platform may do so by contacting the Hampton DPW to schedule an appointment to work with a staff member that has sufficient credentials to assist and fulfill the request.)

Progress on Completion of System Map: Hampton's stormwater asset inventory map is 100% complete and is maintained on a real-time basis. All assets approved by the Planning Board and intended to be under municipal domain are inventoried as DRAFT in the system map. Once the subdivision attains acceptance at a Town Meeting the asset is converted from DRAFT to FINAL.

Updated SSO Inventory: There were no SSO's that were identified during Permit Year 6. Therefore, there the SSO Inventory needed no update.

Updated Inventory and Ranking of Outfalls/Interconnections: All outfalls in Hampton have been inventoried. All outfalls located within Town, but located in areas of Town that are unregulated under the MS4 have been Ranked as "EXCLUDED". All outfalls located within the regulated MS4 area have been ranked in accordance with the permit. Each regulated outfall has been ranked as "High Priority", "Low Priority", OR "Problem". All outfalls, along with all of their attributes (including ranking) are found in PeopleGIS PeopleFORM swDischargePoints*, which can be found at <https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=485646723&sid=e9d6450dcba1600e58293f882d4594f>.

* (PeopleGIS, and all its suites, are web-based GIS asset management solutions. Access and use of these applications is a secure password protected application. Any person who wishes to review any map or information in the PeopleGIS platform may do so by contacting the Hampton DPW to schedule an appointment to work with a staff member that has sufficient credentials to assist and fulfill the request.)

There was no significant event, or change of status of any individual outfall, or change to any receiving water that warranted any change to the Priority Ranking that was developed during Permit Year 5. Therefore, the Outfall Inventory and Priority Ranking remained valid during Permit Year 6.

Dry Weather Screening Data: All Screening and Sampling Results are logged within PeopleGIS swDischargePointInspections software form. * The report for these activities undertaken during Permit Year 6 can be found on the Hampton network @ H:/Stormwater Clean/EPA MS4/Annual Reports/2023 to 2024 (Year 6) / Attachments to submission/Outfall Inspections and Sampling Wet & Dry.

* (PeopleGIS, and all its suites, are web-based GIS asset management solutions. Access and use of these applications is a secure password protected application. Any person who wishes to review any map or information in the PeopleGIS platform may do so by contacting the Hampton DPW to schedule an appointment to work with a staff member that has sufficient credentials to assist and fulfill the request.)

Wet Weather Screening Data: All Screening and Sampling Results are logged within PeopleGIS swDischargePointInspections software form *. The report for these activities undertaken during Permit Year 5 can be found on the Hampton network @ H:/Stormwater Clean/EPA MS4/Annual

Reports/2023 to 2024 (Year 6) / Attachments to submission/Outfall Inspections and Sampling Wet & Dry.

* (PeopleGIS, and all its suites, are web-based GIS asset management solutions. Access and use of these applications is a secure password protected application. Any person who wishes to review any map or information in the PeopleGIS platform may do so by contacting the Hampton DPW to schedule an appointment to work with a staff member that has sufficient credentials to assist and fulfill the request.)

Catchment Investigation Data: All catchment investigation data in Hampton has been collected and logged. All catchments are recorded as an attribute and are found in PeopleGIS PeopleFORM swDischargePoints *, which can be found at...

<https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=485646723&sid=e9d6450dcba1600e58293f882d4594f>

And PeopleGIS PeopleFORM*, which can be found at ...

<https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=783532059&sid=e9d6450dcba1600e58293f882d4594f>

* (PeopleGIS, and all its suites, are web-based GIS asset management solutions. Access and use of these applications is a secure password protected application. Any person who wishes to review any map or information in the PeopleGIS platform may do so by contacting the Hampton DPW to schedule an appointment to work with a staff member that has sufficient credentials to assist and fulfill the request.)

System Vulnerability Factors: Hampton utilized the IDDE Program Flow Chart (ATTACHMENT O) for undertaking its' catchment investigations and establishing system vulnerability.

Illicit Discharge Removal Report: Stormwater Outfall 147 is located within the DPW campus and falls under a Multi-Sector General Permit. As such, this outfall is subject to inspection and sampling on a quarterly basis. Samples from this outfall have, in the past, indicated a presence of bacteria. See MCM 3 section of this report for the narrative relative to this IDDE investigation. The report can also be found as an ATTACHMENT P to the transmittal email to EPA for this annual report.

Results from additional stormwater or receiving water quality monitoring reports or studies:

Stormwater Outfall 147 is located within the DPW campus and fall under a Multi-Sector General Permit. As such, these outfalls are subjected to inspection and sampling on a quarterly basis. Reports for these activities undertaken during Permit Year 5 can be found on the Hampton network @ H:/Stormwater Clean/EPA MS4/Annual Reports/2022 to 2023 (Year 5)/Attachments to submission/MSGP Outfall Inspections and Sampling Wet & Dry.

The Town has not received and is not aware of any receiving water quality monitoring reports or studies conducted relative to the water quality of any receiving water within the Hampton MS4.

PTAP 2024 Nutrient Reduction Report: Hampton is not subjected to a nutrient reduction requirement. Therefore, Hampton does not utilize PTAP to track nutrient reductions.

Salt Reduction Plan: Hampton does not have a chloride impairment therefore this section is Not Applicable.

Annual Salt Usage Report: Hampton does not have a chloride impairment therefore this section is Not Applicable.

Updated Nitrogen Source Identification Report: The Nitrogen Source Identification Report was updated in June 2023. The report was reviewed in June 2024 and was found to be valid without modification. The report can be found as ATTACHMENT Q to the transmittal with the Annual Report.

PTAP 2024 Nutrient Reduction Report: N/A

Hampton Nutrient Tracking Program Report: N/A

Updated Phosphorus Source Identification Report: Hampton does not have a phosphorus impairment therefore this section is Not Applicable.

PTAP 2024 Nutrient Reduction Report: Hampton does not have a phosphorus impairment therefore this section is Not Applicable.

Hampton Nutrient Tracking Program Report: Hampton does not have a phosphorus impairment therefore this section is Not Applicable.

Street Sweeping Schedule: Every Town owned street is swept 2X per year (spring & fall). Every Beach Street from Seabrook to Ashworth Avenue, the lettered streets excluding the marsh side of Ashworth is swept every week from mid-May through mid-September. High traffic roadways: Lafayette, Winnacunnet, High, Exeter and Mill get swept 4X per year (twice each spring and fall).

Chloride Reduction Plan: Hampton does not have a chloride TMDL therefore this section is Not Applicable.

Chloride Reduction Plan: Hampton does not have a chloride TMDL therefore this section is Not Applicable.

Lake Phosphorus Control Plan: Hampton does not have a lake & pond phosphorus TMDL therefore this section is Not Applicable.

PTAP 2024 Nutrient Reduction Report: Hampton does not have a lake & pond phosphorus TMDL therefore this section is Not Applicable.

Hampton Nutrient Tracking Program Report: Hampton does not have a lake & pond phosphorus TMDL therefore this section is 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 type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen
<input type="checkbox"/> Phosphorus	<input checked="" 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:

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 N/A outfall(s) have added.

A total of N/A outfall(s) have removed.

No

Hampton 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:

See MCM 1 for detailed information relative to progress made on bacteria and nitrogen Public Education. See MCM 3 for detailed information relative to progress made on bacteria reduction through IDDE program. See MCM 6 for detailed information relative to progress made on bacteria and Solids/Oil/Grease (Hydrocarbons)/Metals impairment BMPs.

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*: Hampton undertook 14 separate efforts to educate the public of the importance of various aspects of stormwater management and quality. These educational measures are described in more detail below. A log of all Public Education Programs used by Hampton during Permit Year 6 can be found as an ATTACHMENT A to the report transmittal.

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

No

Yes. Hampton made no changes to the Public Education program.

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 flyer of “Green Grass and Clean Water”, which was based on the NHSSWC flyer and modified by Hampton to represent Hampton’s needs. These flyers were posted on social media, made available at Town Hall Information Desk, and distributed at the twice-yearly Household Hazardous Waste Collection events. “Green Grass and Clean Water” materials were produced by UNH Cooperative Extension, NH Sea Grant, and NHDES outlining simple recommendations to keep lawns healthy while reducing water quality impacts, including proper fertilizer techniques and disposal of grass clippings. A copy of this flyer can be found as ATTACHMENT B to the transmittal email for this Annual Report.

Targeted Audience: Residents

Responsible Department/Parties: Hampton 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 made 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 = 50 flyers to Town Hall on 9/6/2023

Year 6 = 50 flyers handed out at Household Hazardous Waste Collection event held on 5/18/2024

Year 6 = Flyer loaded to Town's website on 5/16/2024 where it hit 1077 subscribers.

Goal was achieved. Yes

Message Date: See above.

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:

To minimize bacteria impacts to water quality we educated the public about best practices for pick-up and proper disposal of pet waste. This included the distribution and promotion of "Every Drop" flyers with information about proper pet waste management, impacts caused by improper management, pet waste ordinance, and disposal requirements messaging. These flyers were made available during dog registration and other events. "Every Drop" is a collaborative education effort with PREP, NHDES and other partners. A copy of this flyer which was modified to represent the needs for the Town of Hampton, can be found as ATTACHMENT C to the transmittal email for this Annual Report.

Every Drop is a collaborative education effort with PREP, NHDES and other partners. Hampton modified this flyer to lend a local feel to it.

Targeted Audience:

Residents - Pet Owners

Responsible Department/Parties: Hampton Department of Public Works / Town Clerk

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.

Following is the number of residents that pledged through the PREP "Every Drop" website *during this reporting period*:

Year 6 = There were no new pledges received

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

Year 6 = 9/6/2023 (50) flyers delivered to Town Clerk to give to pet owners at time of in-person licensing throughout the year. (Most pet licensing is done online in the spring.)

Year 6 = 4/1/2024 Flyer was electronically attached to email pet license renewal reminder.

Goal was achieved. Yes

Message Date: See Above

BMP: Disposal of Leaf and Grass Clippings

Outreach Resources:

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

Description:

Distribution and promotion of municipally created flyers and brochures (Rake it or Leave it AND Did you Know... Grass clippings and leaf litter are Stormwater pollutants?) about impacts from yard waste to waterbodies, alternatives to dumping yard waste, and laws against dumping yard waste near or in waterbodies.

Although the Town of Hampton is not a municipality with nitrogen or phosphorus impairments, nor TMDL's, the Town has elected to publish the flyer to the public as a matter of promoting the Town's successful yard waste recycling program and to educate residents of the potential for negative water quality impacts that may result from improper management of yard waste. A copy of these flyer can be found as ATTACHMENT D and ATTACHMENT E to the transmittal email for this Annual Report.

Targeted Audience: Residents

Responsible Department/Parties: Hampton 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. Educate residents as to the benefits of mulching and composting, and the potential water quality impacts if these practices are not done correctly.

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

Year 6 = 50 "Rake it or Leave it" flyers handed out at Household Hazardous Waste Collection event held on 9/16/2023

Year 6 = "Rake it or Leave it" flyer loaded to Town's website on 10/13/2023 where it hit 677 subscribers.

Year 6 = 50 "Did you Know..." flyers to Town Hall on 3/26/2024.

Year 6 = "Did You Know..." flyer loaded to Town's website on 8/8/2023 where it hit 829 subscribers.

Goal was achieved. Yes

Message Date: See above.

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 Town of Hampton Observed Septic Smart Week during September 18 – 22, 2023 by publishing Septic Week announcement and two flyers. "Think at the Sink" (ATTACHEMNT G) was published on 9/18th. "Flushables" (ATTACHMENT H) was published on September 20th.

"Don't Strain Your Drain" (ATTACHMENT I) was published on March 1st, 2024. Fifty copies of this flyer were also handed out to patrons at the Towns HHHW collection event held on May 18th, 2024. "Shield Your Field" (ATTACHMENT J) was published on May 1st, 2024. Publication was made to the Town's website, which links to the Town's FACEBOOK page. At the time of publication there were 677 followers to the DPW page, 899 subscribers to NEWS, and more than 3,500 followers to FACEBOOK. These same two brochures were republished and "Shield Your Field" brochure was issued in printed media and 30 copies each were set out at the Town's information kiosk.

Septic Week Announcement is ATTACHMENT F to the email mail transmittal for this Annual

Targeted Audience:

Septic System Owners

Responsible Department/Parties: Hampton 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 = See above

BMP: General Stormwater Awareness

Description:

The Town of Hampton observed National Stormwater Day on November 16th, 2023, by publishing Septic Week announcement. ATTACHEMNT K was published on 11/16th.

The first MS4 permit was released in 2003, and like some permits, it wasn't being taken too seriously. However, even after more than 20 years the general public has little understanding of the importance of what the intent of the permit is, what it does, or what progress has been made. One of the key permit requirements is public education and outreach. NHDES helps coordinate regional messaging and supports partners in their outreach efforts. Designating National Stormwater Day provides an opportunity to promote our programs.

The announcement provided links to Hampton's Stormwater website and the NHDES Stormwater website.

Targeted Audience:

General Public

Responsible Department/Parties: Hampton Department of Public Works

Measurable Goal(s):

Heighten awareness among residents are of the importance of water quality.

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

Year 6 = Social media post. Announcement loaded to Town's website and Facebook on 11/16/2023 where it hit 1077 subscribers and more than 3,500 Followers.

BMP: Construction/Developers Outreach

Outreach Resources:

Construction/developers related letter and fact sheets is found as ATTACHMENT L to the email mail transmittal for this Annual Report

Description:

Hampton provided 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. These items are included in the packet of information provided by the Building and Planning Departments to developers when new projects are contemplated.

Hampton utilizes a Plan Review Committee, made up of municipal departments, that review projects during the permitting process. When a project is eventually approved, a pre-construction meeting is held where all permit conditions and the construction checklist are discussed with developers and construction contractors prior to the beginning of a construction project (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:

Planning (as lead agency under PRC), DPW (as lead agency under MS4), Building, and Conservation Departments.

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 = A sufficient inventory of CGP fact sheets and BMP fact sheets are kept on hand at the Planning, DPW and Conservation offices. The inventory is restocked as needed.

Year 6 = More than a dozen packets were provided to developers considering projects. Five projects advanced to construction. 100% of the projects advancing to construction were recipients of these packets. Only one project was located in a sensitive area where construction activity could pose a threat to stormwater interests.

Goal was achieved. Yes

Message Date: Continuing and ongoing

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 Hampton 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 of Hampton and is available to the public. Hampton has maintained records and promoted the existence of the Stormwater Management Program and invited comments / suggestions. The Stormwater Management Program is publicly available to be reviewed at Hampton Public Works office. Documents and records relating to the permit are retained and available for not less than 5 years to the public on the Towns network @ H:/Stormwater Clean/ Stormwater Management Plan (SWMP). The SWMP is also available by link on the Town's website at https://www.hamptonnh.gov/DocumentCenter/View/5835/Stormwater-Management-Plan-SWMP_01-07-22?bidId=

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

No.

Yes. Hampton made the following changes: None (N/A)

Measurable Goal(s):

Input was received and records are maintained. Goal was achieved.

Public involvement or participation opportunities are ancillary to daily operations.

The plan has also been available for review at public events like the Town's Household Hazardous Waste Collection event which in Permit Year 6 was held in May 2024. Each year Hampton provides several opportunities to educate the public as to the function and importance of clean water and the efforts used by the DPW to meet these goals. We have open house visitors and several touch a truck events every year. The Department also makes formal quarterly reports to the Board of Selectmen, which are publicly broadcast and include a segment on MS4 efforts.

Goal was achieved: Yes

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

Completed. Will continue to maintain the current version of the SWMP to the current requirement and to make the SWMP available for review and comment. Hampton will conduct a public meeting should any substantive changes be made to the plan.

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 and/or at the following website....

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

Number of SSOs identified *during this reporting period*: None exist or identified.

Number of SSOs removed *during this reporting period*: N/A

MS4 System Mapping

- Updated Phase 1 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.

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

Percent of Phase 2 map completed: 100% of Phase 2 map is complete 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.

During Permit Year 6 Hampton obtained a new GPS antenna which has allowed for asset mapping accuracy with sub-centimeter horizontal and sub-5-centimeter vertical accuracy. Although mapped assets have always been sufficiently accurate to meet MS4 mapping requirements, the improved accuracy broadens the Towns use of the PeopleGIS platform for many more purposes that require greater precision. The new antenna is used during all maintenance and inspection efforts, allowing each assets' accuracy to be updated "on the fly". All stormwater asset accuracy will be improved to the greater level of precision by 2027.

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
<https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=485646723&sid=6419ce94e03cd8e7481623b26c9dab6a>

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

Number of outfalls/interconnections screened *during this reporting period*: 159

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

SCREENINGS - There are a total of 187 Outfalls within Hamptons MS4 System. 159 of these Outfalls are located withing the Regulated MS4 Areas; 28 Outfalls fall outside of any Regulated MS4 area. Of the 159 Outfalls in Regulated Areas, 64 Outfalls are Excluded, 62 are ranked Low-Priority, 32 are ranked High-Priority, and 1 is known to be a trouble outfall. See ATTACHMENT M of the transmittal email for this annual report.

All 62 a Low-Priority, 32 High-Priority, and the 1 trouble outfall were screened at least once during Dry Weather Periods. Excepting the one Problem Outfall, none of these screenings produced indicators where an Illicit Discharge might exist. Only the Problem Outfall suggested that there may be an issue with an Illicit Discharge. And this concern did not arise out of a dry weather screening, but through sampling associated with Hampton's Multi-Sector General Permit, where the sample tested positive for elevated levels of bacteria. See ATTACHMENT N and ATTACHMENT S of the transmittal email for this annual report for results of IDDE investigation undertaken for SWOF-147 and all other dry weather screenings.

The inventory and ranking of outfalls/interconnections were 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 at

<https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=485646723&sid=6419ce94e03cd8e7481623b26c9dab6a> .

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 at <https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=485646723&sid=6419ce94e03cd8e7481623b26c9dab6a> .

See " SCREENINGS" above.

Number of outfalls screened *during this reporting period:* 159

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

See ATTACHMENT N and ATTACHMENT S of the transmittal email for this annual report for all wet weather screenings.

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.
- Catchment investigations were conducted, and data can be found at <https://www.mapsonline.net/hamptonnh/forms/tablet.html.php?id=485646723&sid=6419ce94e03cd8e7481623b26c9dab6a> .

Hampton has conducted its catchment investigations considering history of SSOs, fat/oil/grease sewer blockages; near sewer pump stations, any customer back-ups customer complaints. Hampton also considered impacts possibly originating from solid waste functions at the municipal transfer station. Hampton utilized the IDDE Program Flow Chart (ATTACHMENT O of the transmittal email for this annual report.) for undertaking its' catchment investigations and establishing system vulnerability.

Number of catchment investigations *during this reporting period:* One Catchment Investigation was 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):* 100% of Problem Outfall Catchment Areas have been investigated. 100% of High Priority Outfall Catchment Areas have been investigated.

IDDE Progress

- No illicit discharges were found *during this reporting period*.
- Illicit discharges were found but not removed *during this reporting period*. ##Schedule for illicit discharge removal or explanation.
- Illicit discharges were removed *during this reporting period* and the illicit discharges removal report can be found in submission and/or at the following website ##website link.

Number of illicit discharges identified *during this reporting period*: None Existed.

Number of illicit discharges removed *during this reporting period*: None Existed.

Estimated gallons of flow removed *during this reporting period*: Not Applicable.

Total number of illicit discharges identified *since the effective date of the permit (July 1, 2018 – June 30, 2024)*: None Found. 100% of outfalls inspected every year since Permit Year 4.

Total number of illicit discharges removed *since the effective date of the permit (July 1, 2018 – June 30, 2024)*: None exist, therefore, not applicable.

100% of Problem Outfall Catchment Areas have been investigated. Although elevated bacteria levels were periodically found to exist in water samples from SWOF-147, investigation has concluded that the sources are not from any illicit discharge. Elevated bacteria levels were proven to be from non-sewage sources. However, the possible bacteria source that was previously thought to be attributed to natural sources, prove not to be. The investigation continued through Permit Year 6 proved that the source was from fugitive swill emanating from surface runoff from the transfer station. Report of the investigation for SWOF-147 can be found as an ATTACHMENT N to the email transmittal to this Annual Report. What started out as an IDDE investigation resulted in identification of a source of bacteria that was NOT FROM AN ILLICIT DISCHARGE.

Employee Training

- Provided training to employees involved in IDDE program *during this reporting period*:
Hampton 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 and ATTACHMENT Q of the transmittal email for this Annual Report.

In addition, Hampton 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.

Date	Type of Training	Participants
8/9/23	<p>On the Ground Training while crews were conducting Catch Basin and Manhole cleaning operations. Instructed crews to be aware, both visually, and olfactorily, before commencing cleaning operations on each structure. Look for solids (human feces, toilet paper, feminine products, grease or cooking oils, sheens or other signs of chemical release, and pet waste, etc.). Be aware of unexpected odors (sewerage, chemicals, oils, or grease, etc.). Make note of any suspicious observations found within PeopleGIS PeopleFORM. Report finding to supervisor, then MS4 manager. Write Work Order if condition warrants additional investigation.</p>	<p>Sewer & Drain Crew – Tobey Spainhower, Brian Kelly, Mark Wilbur, Joshua Tymann, Ryan Sharpe</p>
9/5/23	<p>PeopleGIS Training. Trained staff on the use of Quick Asset, PeopleFORM (swDischargePoints, swDischargePointInspection, swManholes, swManholeInspections, swInlets, swInletInspections, and swInletCleanings). The crew was taught what information to look for, and where to enter it in the appropriate form. The crew was also taught how to report any issue found, both in person and on the PeopleFORM, and how to initiate a Work Order so that any remedial work can be entered, tracked, and logged for the permanent record. The Crew was also given instruction in the use of the new GPS antenna.</p>	<p>Sewer & Drain Crew – Tobey Spainhower, Brian Kelly, Mark Wilbur, Joshua Tymann, Ryan Sharpe</p>

Describe progress made on any incomplete requirements listed above or optionally provide any additional relevant details, in the box below: Hampton continues to meet all requirements of MCM #3 and pledges to continue in these efforts.

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*: 28

Number of inspections completed *during this reporting period*: 67 inspections on 4 sites

Number of enforcement actions taken *during this reporting period*: 0 (Not Necessary)

Hampton 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:

Hampton utilizes a Plan Review Committee, made up of municipal departments, that review projects during the permitting process. When a project is eventually approved, a pre-construction meeting is held where all permit conditions and the construction checklist are discussed with developers and construction contractors prior to the beginning of a construction project (pre-construction) to identify responsible parties, erosion control practices, other best management practices, and requirements for the EPA Construction General Permit as appropriate. Periodic inspections are made at all sites. Sites with potential for impact to stormwater quality are inspected with greater frequency.

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

Ordinance or Regulatory Mechanism

- Hampton has a regulatory mechanism(s) consistent with permit requirements.

Hampton's Subdivision Regulations were last updated in 2022 and can be found at
<https://hamptonnh.gov/DocumentCenter/View/5679/Subdivision-Regulations-2022>

Hampton's Site Plan Regulations were last updated in 2022 and can be found at
<https://hamptonnh.gov/DocumentCenter/View/6428/Site-Plan-Regulations-2022---with-attachments->

Since 2016 Hampton has regulated changes in use, that, at threshold, impose requirements to protect interests under our MS4. These regulations can be found at
<https://hamptonnh.gov/DocumentCenter/View/1696/Site-Plan-Regulations---Use-Change-Application-Review>

- Hampton has not drafted **or** adopted a regulatory mechanism(s) consistent with permit requirements. ##Update on progress.

As-built Drawings

Number of as-built drawings received *during this reporting period*: Hampton has had two development reach completion during Permit Year 6. Hampton has received as-built drawings for both.

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: ##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 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/or planned to be made to Local Regulations and/or Guidelines *during this reporting period*. Following are the recommended updates: ##MUNICIPALITY to note recommended or planned updates here. The anticipated date of completion for updates is....
- 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.

Hampton's Subdivision Regulations were last updated in 2022 and can be found at
<https://hamptonnh.gov/DocumentCenter/View/5679/Subdivision-Regulations-2022>

Hampton's Site Plan Regulations were last updated in 2022 and can be found at
<https://hamptonnh.gov/DocumentCenter/View/6428/Site-Plan-Regulations-2022---with-attachments->

Since 2016 Hampton has regulated changes in use, that, at threshold, impose requirements to protect interests under our MS4. These regulations can be found at
<https://hamptonnh.gov/DocumentCenter/View/1696/Site-Plan-Regulations---Use-Change-Application-Review>

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
- 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*. 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. Section VII – C, D, & E of the Site Plan Regulations meet green infrastructure initiatives.

Retrofit Properties Inventory

- Hampton 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: Listing of permittee-owned properties within the MS4 regulated area can be Found as ATTACHMENT R of the transmittal email for this annual report.
 - List of Non-MS4 Properties: Listing of permittee-owned properties outside the MS4 regulated area can also be found as ATTACHMENT R of the transmittal email for this annual report.
- Hampton has not yet modified or retrofitted any MS4 **or** non-MS4 properties with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.e of the permit.

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

As each municipally owned property is considered for alteration, Hampton will try to implement retrofitting paved areas to reduce impervious area and/or implement BMP's.

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:

See ATTACHMENT T of the transmittal email for this annual report For CB Cleaning Log

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. (For MS4 purposes, Hampton has established that the fullness of a catch basin is represented as the depth of sediment from bottom of sump to the top of sediment as compared to the bottom of sump to the lowest pipe invert.)

From the outset of the formal MS4 program, Hampton has generally tried to follow a schedule that cleans 20% of the total basins each year, or every basin once every five years.

The intent of MCM6 is to assure that there is adequate debris storage capacity in most basins most of the time so to minimize downstream water quality impacts. In Hampton, some basins are located in areas where conditions warrant more frequent cleaning, however the majority of other basins are in areas less vulnerable and therefore can tolerate less frequent (or longer times between) cleaning. Hampton's Catch Basin Cleaning program includes:

- Focus on inspecting basins regularly and cleaning those basins that are greater than 50% full.
 - Those basins that were 50% full the prior year, get reinspected in the current year to determine an appropriate frequency for cleaning intervals that meets the optimum target for debris storage. Identifying those basins that are less than 25% full and then defer cleaning frequency to more than every 5 years. Also included is an inspection on an annual basis to verify the extended cleaning intervals are valid and effective.

The Town's approach has allowed the town to direct its' limited municipal resources towards the most vulnerable catch basins, while not causing any detriment to other, less vulnerable, parts of the MS4 system. This approach meets the intent of this MCM6 Good Housekeeping BMP.

Although fewer basins were cleaned in Permit Year 6 as compared to Permit Year 5, there has been a trend that the average amount of % full is decreasing. This is a good indication that progress is being made in keeping the basin in our MS4 system acceptably clean.

Number of catch basins inspected *during this reporting period*: 256 (56 found to be less than 5% full and did not require cleaning).

Number of catch basins cleaned *during this reporting period*: 200 (14% +/-)

Total volume or mass of material removed from all catch basins *during this reporting period*:
Approximately 80 Cubic Yards

Total number of catch basins within the MS4 system: 1,515 Basins within the MS4.

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*: Hampton DPW swept a total of 831 lane miles of roadway during Permit Year 6.

Volume of swept material *during this reporting period*: Hampton removed Approximately 45 cubic yards of material during Permit Year 6 sweeping operations. A copy of the Street Sweeping Report can be found as an ATTACHMENT U to the email transmittal to this Annual Report.

Stormwater Pollution Prevention Plan (SWPPP)

Hampton 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*: 781.

- SWPPP inspections were conducted (X) times at..
 - (20) various areas of the DPW Campus (one formal inspection each quarter for 5 distinct work area of the DPW).
 - (1) at Town Hall
 - (1) at Police Department
 - (2) at Fire Department (1 at each of the two buildings)
 - (5) municipal parking lots
 - (752) at all the Town Pump Stations

Number of corrective actions taken *during this reporting period*: Foremen participate in the quarterly inspections at the DPW. They are made aware of measures that could be used to make their work areas function cleaner. Therefore, several corrective actions were offered. No enforcement actions were necessary.

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. (Have been enclosed for more than 15 years)

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

Continue to work with Foremen in administering and operating effectively under the SWWP.

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:

See ATTACHMENT(s) C, F, G, H, I, & J of the transmittal email for this annual report.

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 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 and submitting it to NHDES, and can be found in submission and/or at the following website ... 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*.

Hampton has several brooks that flow north into North Hampton. Areas in the northeaster sector of Hampton flow to North Hampton waterbodies that have no nitrogen impairment. Those waterbodies ultimately discharge to the ocean through Rye, and these tributaries never encounter any other nitrogen impaired water body along the way. Very small areas in Hampton along the North Hampton border, and east and west of Interstate 95, flow into North Hampton waterbodies that have also have no nitrogen impairment. Most of that area is not regulated under our MS4. However, a very small part of those waterbodies ultimately flows into Winnicut River and into Great Bay, which has a nitrogen impairment. Therefore, Hampton is subject to Part 2.2.2.a.i. of the permit and is required to meet additional requirements to address nitrogen in our stormwater discharges.

Hampton has several brooks that flow north into North Hampton. Areas in the northeaster sector of Hampton flow to North Hampton waterbodies that have no nitrogen impairment. Those waterbodies ultimately discharge to the ocean, and they never encounter any other nitrogen impaired water body along the way. Very small areas in Hampton along the North Hampton border, and east and west of Interstate 95, flow into North Hampton waterbodies that have also have no nitrogen impairment. Most of that area is not regulated under our MS4. However, a very

small part of those waterbodies ultimately flows to Great Bay, which has a nitrogen impairment. Therefore, Hampton has been designated under the NPDES General Permit as being subject to Part 2.2.2.a.i. of the permit and is required to meet additional requirements to address nitrogen in our stormwater discharges. Coincidentally, there is no data recorded for the Winnicut River itself within the Great Bay Total Nitrogen Impairment 2018 or 2020 303(d) list.

The only land area located within the MS4 regulated area of Hampton, which flows into the Winnicut tributary, is an approximately an 11-acre tract of land. That 11-acre tract of land is 100% undeveloped and not capable of supporting any future development whatsoever. There are a total of four outfalls located within the general vicinity of that 11-acre tract of land. Every one of those outfalls flows into a brook which then flows south towards several tributary brooks which flow to Taylor River. 100% of Hampton's MS4 is in a separate watershed than that of the Winnicut. Therefore, Hampton intends to formally request that US-EPA remove Hampton from the Nitrogen Impairment listing.

In the past, and in the meantime Hampton, as a matter of good faith and true stewardship of improved water quality, Hampton has elected to meet, to the greatest extent practicable, Appendix H requirements of the Permit.

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 as ATTACHMENT Q.
- The Nitrogen Source Identification Report was *updated during this reporting period* and can be found in submission and/or at the following website..... 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 I.1.c.ii* of the Nitrogen Source Identification Report.
- Hampton 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*. Hampton intends to formally request that US-EPA remove Hampton from the Nitrogen Impairment listing.
- Hampton 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.

... 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 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. Hampton intends to formally request that US-EPA remove Hampton from the Nitrogen Impairment listing.

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

The only land area located in Hampton within the MS4 regulated area of Hampton, which flows into the Winnicut tributary, is an approximately an 11-acre tract of land. That 11-acre tract of land is 100% undeveloped and not capable of supporting any future development whatsoever. There are a total of four outfalls located within the general vicinity of that 11-acre tract of land. Every one of those outfalls flows into a brook which then flows south towards several tributary brooks which flow to Taylor River. 100% of Hampton's MS4 is in a separate watershed than that of the Winnicut. Therefore, Hampton intends to formally request that US-EPA remove Hampton from the Nitrogen Impairment listing.

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 Not Applicable

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 in submission and/or at the following website
- The Phosphorus Source Identification Report was *updated during this reporting period* and can be found in submission and/or at the following website..... 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.

- ##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 II.1.c.iii* of the Phosphorus 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 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 in submission and/or at ##website link. The total estimated phosphorus removed from the installed BMP(s) is ##lbs/year.

.... 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 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 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:

Hampton does not have a Phosphorus impairment. Therefore, there is no requirement for any action.

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*. Hampton's street sweeping schedule can be found ATTACHMENT U of the transmittal email for this annual report.

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

Continue to effectively sweep all municipal paved areas in accordance with our current practice, which exceeds the minimum requirements set forth in the Permit.

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....

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.... 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:

Hampton does not have a Chloride impairment or TMDL. Therefore, there is no requirement to be met under this section.

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

Hampton does not have a Lake or Pond impairment or TMDL. Therefore, there is no requirement to be met under this section.

- ##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.... 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.... 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.... 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

Hampton does not have a Lake or Pond impairment or TMDL. Therefore, there is no requirement to be met under this section.

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

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

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

... 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. ... 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]: N/A

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

Non-Structural Controls

Hampton does not have a Lake or Pond impairment or TMDL. Therefore, there is no requirement to be met under this section.

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

- 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 written Lake Phosphorus Control Plan which can be found in submission and/or at the following website

.... is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows the 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

Hampton does not have a Lake or Pond impairment or TMDL. Therefore, there is no requirement to be met under this section.

- 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 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.
- has installed structural control measure(s) within the Lake Phosphorus Control Plan area during this reporting period or during previous reporting periods. 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

.... is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire

Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows the 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:

Hampton does not have a Lake or Pond impairment or TMDL. Therefore, there is no requirement to be met under this section.

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 and/or at the following website.....

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

Hampton 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

Hampton will continue to implement activities in accordance with the permit and SWMP.

Annual Report Submission

Your completed Annual Report and all associated documents must be sent to EPA by **September 30, 2024**. It is optional to send your completed Annual Report to NHDES as well.

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

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