

Year 5 Annual Report

Massachusetts Small MS4 General Permit

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

*****Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites*****

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2022 and June 30, 2023 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization: Town of Yarmouth

EPA NPDES Permit Number: MAR041176

Primary MS4 Program Manager Contact Information

Name: Jeffrey S. Colby, P.E.

Title: DPW Director

Street Address Line 1: 99 Buck Island Road

Street Address Line 2: NA

City: West Yarmouth

State: MA

Zip Code: 02673

Email: jcolby@yarmouth.ma.us

Phone Number: (508) 398-2231

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address): <https://www.yarmouth.ma.us/1929/NPDES-Stormwater-Permit>

Date SWMP was Last Updated: September 2021

If the SWMP is not available on the web please provide the physical address:

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

Impairment(s)

- ☒ Bacteria/Pathogens
 ☐ Chloride
 ☒ Nitrogen
 ☐ Phosphorus
☐ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

- In State:**
☐ Assabet River Phosphorus
 ☒ Bacteria and Pathogen
 ☒ Cape Cod Nitrogen
☐ Charles River Watershed Phosphorus
 ☐ Lake and Pond Phosphorus
Out of State:
☐ Bacteria/Pathogens
 ☐ Metals
 ☐ Nitrogen
 ☐ Phosphorus

Clear Impairments and TMDLs

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

Annual Requirements

- ☒ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
☒ Kept records relating to the permit available for 5 years and made available to the public
☒ The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - ☒ This is not applicable because we do not have sanitary sewer
 - ☐ This is not applicable because we did not find any new SSOs
 - ☐ The updated SSO inventory is attached to the email submission
 - ☐ The updated SSO inventory can be found at the following publicly available website:

- ☒ Updated system map due in year 2 as necessary
☒ Provided training to employees involved in IDDE program within the reporting period
☒ Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
☒ All curbed roadways were swept at least once within the reporting period
☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities

- ☒ Updated inventory of all permittee owned facilities as necessary
- ☒ O&M programs for all permittee owned facilities have been completed and updated as necessary
- ☒ Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- ☒ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- ☒ Inspected all permittee owned treatment structures (excluding catch basins)

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

SWPPPs - As outlined in the Year 2 annual report, seven facilities were identified and evaluated through mapping and field investigations to determine the need for a SWPPP. Based on the location of the facilities, underlying pervious soils, and surrounding topography, it has been determined that the facilities will not discharge to the Town's MS4 or a Waterbody of the United States under any conditions. Documentation of this evaluation and findings are included in the SWMP.

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)
Annual Requirements

*Public Education and Outreach**

- ☒ Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☒ Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- ☒ Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria
- ☐ This is not applicable because there are no septic systems present

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Nitrogen (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)
Annual Requirements

*Public Education and Outreach**

- ☒ Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers
- ☒ Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☒ Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- ☒ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

Structural BMPs

- ☐ Completed the evaluation of all permittee owned properties identified as presenting retrofit opportunities or areas for structural BMP installation under permit part 2.3.6.d or identified in the Nitrogen Source Identification Report, including: *(select the items of the evaluation that have been completed below)*
- ☐ Next planned infrastructure, resurfacing, or redevelopment activity planned for the property (if applicable) OR planned retrofit date
 - ☐ Estimated cost of redevelopment or retrofit BMPs
 - ☐ Engineering and regulatory feasibility of redevelopment or retrofit BMPs
- ☐ Completed a listing of planned structural BMPs and a plan and schedule for implementation
- ☐ The BMP list and implementation schedule is attached to the email submission
 - ☐ The BMP list and implementation schedule can be found at the following publicly available website:

Any structural BMPs listed in Table 3 of Attachment 1 to Appendix F already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen removal by the BMP was

- ☐ estimated consistent with Attachment 1 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated nitrogen removed in mass per year by the BMP were documented.
- ☐ No BMPs were installed
 - ☐ The above referenced BMP information is attached to the email submission
 - ☐ The above referenced BMP information can be found at the following publicly available website:

Total estimated nitrogen removed in lbs/year from the installed BMPs:

Optional: If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

Nitrogen Source Identification Report and Potential Structural BMPs - Lewis Bay (MA96-36) was listed as impaired for total nitrogen (Category 5 - requiring a TMDL) on the 2018/2020 integrated list of waters. Lewis Bay is currently subject to the Lewis Bay System and Halls Creek TMDL for Total Nitrogen, March 3, 2015, which addresses the estuarine bioassessments impairment. It is assumed that the Total Nitrogen impairment will also be covered under this TMDL in future listings. Waters subject to a Cape Cod Nitrogen TMDL are not required to prepare a Nitrogen Source Identification Report or accompanying BMP evaluation and construction of a stormwater demonstration BMP. Thus, the Town is not currently planning on completing

these requirements.

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

Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

☒ Yes

☐ No

If yes, describe below, including any relevant impairments or TMDLs:

Changes to Impairments since the NOI:

- Bass River (MA96-12): Existing estuarine bioassessments impairment covered by Nitrogen TMDL in 2016. Total nitrogen impairment (covered by Nitrogen TMDL) added in 2018/2020.
- Hawes Run (MA96-101): Debris* and trash impairment added in 2018/2020.
- Hyannis Inner Harbor (MA96-82): Total nitrogen impairment covered by Nitrogen TMDL in 2016.
- Lewis Bay (MA96-36): Estuarine bioassessments covered by Nitrogen TMDL in 2016. Total nitrogen and nutrient/eutrophication biological indicators impairment added in 2018/2020 (requires a TMDL - note a Nitrogen TMDL for Lewis Bay already exists).
- Mill Creek (MA96-80): Total nitrogen impairment covered by Nitrogen TMDL in 2016.
- Unnamed Tributary (MA96-97): Total nitrogen impairment (covered by Nitrogen TMDL) added in 2016.
- Weir Creek (MA96-116): Total nitrogen impairment (covered by Nitrogen TMDL) added in 2018/2020.
- Whites Brook (MA96-102): E. Coli impairment added in 2016.

Total nitrogen and nutrient/eutrophical biological indicators impairments were added to the following waterbodies in 2018/2020 and listed as covered by an existing Nitrogen TMDL:

- Bass River (MA96-118)
- Dinahs Pond (MA96-112)
- Follins Pond (MA96-114)
- Kelleys Bay (MA96-113)
- Lewis Pond (MA96-109)
- Mill Pond (MA96-117)
- Parkers River (MA96-38)
- Seine Pond (MA96-110)

*TMDL not required (non-pollutant).

An updated list of outfalls and receiving waters is maintained on the Town's online ArcGIS map and database and included in periodic updates of the Town's IDDE Plan.

Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

MCM1: Public Education

Number of educational messages completed **during this reporting period:**

*Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.*

BMP:Pet Waste Management

Message Description and Distribution Method:

The Think Blue pet waste flyer is available at Town Hall for distribution with dog licenses. It is also posted in the kiosk at the Town dog park.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Flyers distributed to dog owners through dog licensing and kiosk. 30 new flyers added to Town Hall.

Message Date(s):

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP: MS4 Requirements and Yarmouth's Stormwater Program

Message Description and Distribution Method:

Brochure that provides an overview of stormwater pollution, stormwater regulations and Yarmouth's stormwater management program was made available at Town Hall, libraries, the Water Department and the Senior Center.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

14 distributed throughout Water Department, Senior Center, Yarmouthport Library, Town Hall, Building Department and Conservation Department.

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP:Sump Pump Guidance

Message Description and Distribution Method:

A sump pump guidance fact sheet that outlines the Town's authority over and proper discharge of sump pump water is made available at Town Hall, libraries and the Senior Center.

Targeted Audience: Residents

Responsible Department/Parties: DPW and Community Development

Measurable Goal(s):

20 copies distributed throughout Yarmouthport Library, South Yarmouth Library, Town Hall, and Conservation Department.

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☒ No ☐

If yes, describe why the change was made:

The Town has concerns with sump pump water discharged to its MS4, sidewalks and roadways so developed a fact sheet to provide residents with guidance on how to handle it.

BMP:Fertilizer Use and Yard Care

Message Description and Distribution Method:

"Stormwater Pollution Education: Fertilizing the Lawn" fact sheet posted at Town Hall, libraries and Senior Center. "Be a Yard Hero" and "Be a Leaf Hero" flyer posted at Town Hall.

Targeted Audience: Residents

Responsible Department/Parties: DPW and Community Development

Measurable Goal(s):

28 copies distributed throughout Yarmouthport Library, South Yarmouth Library, Town Hall, and Conservation Department.

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☒ Appendix H Requirements ☒

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP:Stormwater Pollution Prevention

Message Description and Distribution Method:

"Stormwater Pollution Prevention Guide for Homeowners" posted at Town Hall. This brochure provides education on dog waste, lawn and garden care, toxic chemicals, vehicle washing, automotive repair and discharge of water from swimming pools and hot tubs.

Targeted Audience: Residents

Responsible Department/Parties: DPW and Community Development

Measurable Goal(s):

9 brochures provided at the Town Hall

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP:Developer Education

Message Description and Distribution Method:

EPA's "What You Can Do as a Developer" fact sheet made available at Town offices..

"Builder's Guide to Low Impact Development" - 3 added to Town Hall and is also available on Town's website. It is also provided for Site Plan Review. MAPC's "Low Impact Development" Toolkit is also available on the Town's website.

"Stormwater Pollution Prevention for Small Residential Construction Sites" - 3 added to Town Hall and it is also available on the Town's website. The brochure contains pollution prevention tips for construction sites and information on who needs to seek coverage under the EPA CGP.

Targeted Audience: Developers

Responsible Department/Parties: DPW, Community Development and Health

Measurable Goal(s):

"What You Can Do as a Developer" fact sheet - 5 added to Water Department, 5 to Building Department, 5 to Conservation Department

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP:Stormwater Pollution Prevention for Industrial Sites

Message Description and Distribution Method:

"Stormwater Pollution Prevention for Industrial Sites" brochure available on Town website with copies provided in Town Hall (Building Department).

Targeted Audience: Industrial facilities

Responsible Department/Parties: DPW, Community Development and Health

Measurable Goal(s):

Provided for Site Plan Review. 1 added to Building Department.

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP:Only Rain Down the Drain

Message Description and Distribution Method:

Distributed Project Storm bookmarks at the Town Hall lobby, the Conservation Office lobby, the Building Department lobby, and the Water Department lobby. The bookmarks send the message that only rain should enter storm drains.

Targeted Audience: Residents

Responsible Department/Parties: DPW and Community Development

Measurable Goal(s):

38 bookmarks distributed throughout the Town. Topics include general stormwater information for residents.

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP: Town Website

Message Description and Distribution Method:

The Town's website contains information on stormwater and specific links to resources for;
Residents, institutions and business - includes educational messages and tips on lawn and garden care, pest waste, reduction of runoff, sump pumps, septic systems, and chemical handling.
Developers and site operators - includes educational messages and tips on the CGP, erosion controls, infiltration, illicit discharges, sweeping of parking lots, vehicle maintenance, salt application and storage and LID.
Industrial facilities - includes educational messages and tips on the MSGP, illicit discharges, septic system care, storage and disposal of chemicals, covering salt piles, employee training, infiltration, and sweeping of parking lots.

Targeted Audience: Residential, Industrial, Developers, Businesses, institutions and commercial facilities

Responsible Department/Parties: DPW, Community Development and Health

Measurable Goal(s):

Information posted on website with links to additional resources.

Message Date(s): Continuously available.

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☒

If yes, describe why the change was made:

BMP: Video - "Fowl Water"

Message Description and Distribution Method:

The Think Blue Massachusetts "Fowl Water" video defines stormwater and explains the impact that pollution like trash, oil, cigarettes and dog poop can have on stormwater and our waterways. Video available at <https://>

www.thinkbluemassachusetts.org/ , www.greenscapes.org/resources-videos/ and spread as an advertisement on Facebook, Instagram, & YouTube

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Follow "Think Blue" Campaign on Social Media platforms.

Message Date(s): May 31, 2023 - June 17th, 2023

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☐

Was this message different than what was proposed in your NOI? Yes ☐ No ☐

If yes, describe why the change was made:

Add an Educational Message

MCM2: Public Participation

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

- The SWMP Plan is posted on the Town website.
- Citizens can report concerns through Yarmouth's Request/Tracker portal.
- Household hazardous waste days held July 16, 2022 and October 1, 2022.
- Annual Community Cleanup day was held on April 22, 2023.

Was this opportunity different than what was proposed in your NOI? Yes ☐ No ☒

Describe any other public involvement or participation opportunities conducted **during this reporting period:**

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

☒ This SSO section is NOT applicable because we DO NOT have sanitary sewer

*Below, report on the number of SSOs identified in the MS4 system and removed **during this reporting period**.*

Number of SSOs identified:

Number of SSOs removed:

MS4 System Mapping

Optional: Provide additional status information regarding your map:

All known outfalls, catch basins, manholes, and receiving waterbodies with impairments have been mapped to date. Initial catchment delineations have also been completed based on topographic mapping and available stormwater system information. Mapping of open channel conveyances and any newly located outfalls is ongoing. Mapping interconnections with other MS4s (e.g. DOT) is ongoing, and it is expected that this will continue as part of DOT's own mapping efforts to be completed under a future TS4 permit.

The Town has identified a number of data gaps in its drainage mapping (e.g., catch basins without piping, disconnected drainage networks, etc.) and has begun investigating these through field efforts. Any new outfalls/interconnections discovered through this process will be mapped and screened for dry weather flow.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.

- ☒ No outfalls were inspected
- ☐ The above referenced outfall screening data is attached to the email submission
- ☐ The above referenced outfall screening data can be found at the following publicly available website:

*Below, report on the number of outfalls/interconnections screened **during this reporting period**.*

Number of outfalls screened:

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

Percent of outfalls screened:

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

Outfalls were screened during previous permit years; no additional outfalls were screened during Year 5. As/if additional outfalls are located, they are screened during dry weather for potential illicit discharges.

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- ☒ No catchment investigations were conducted
- ☐ The catchment investigation data is attached to the email submission
- ☐ The catchment investigation data can be found at the following publicly available website:

*Below, report on the number of catchment investigations completed **during this reporting period.***

Number of catchment investigations completed this reporting period:

*Below, report on the percent of catchments investigated **to date.***

Percent of total catchments investigated:

Optional: Provide any additional information for clarity regarding the catchment investigations below:

The Town is assessing catchment investigation status during Year 6. Many catchments do not have Key Junction Manholes and/or System Vulnerability Factors; and thus inspections are complete as outfalls have been screened during dry weather.

IDDE Progress

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- ☒ No illicit discharges were found
- ☐ The illicit discharge removal report is attached to the email submission
- ☐ The illicit discharge removal report can be found at the following publicly available website:

*Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed **during this reporting period.***

Number of illicit discharges identified:

Number of illicit discharges removed:

Estimated volume of sewage removed: gallons/day

*Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed **since the effective date of the permit (July 1, 2018).***

Total number of illicit discharges identified: Total number of illicit discharges removed:

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

Employee Training

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

An on-site IDDE training session was held on June 12, 2023 with applicable DPW staff.

MCM4: Construction Site Stormwater Runoff Control

*Below, report on the construction site plan reviews, inspections, and enforcement actions completed **during this reporting period.***

Number of site plan reviews completed: Number of inspections completed: Number of enforcement actions taken:

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

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment**Ordinance or Regulatory Mechanism**

Date update was completed (due in year 3):

Website of ordinance or regulatory mechanism:

General Bylaws: Chapter 145, <https://ecode360.com/9083576>

Regulations: [www.yarmouth.ma.us/DocumentCenter/View/719/Stormwater-Regulations?bidId=#:~:text=\(1\)%20No%20person%20may%20undertake,development%20or%20sale%20that%20will](http://www.yarmouth.ma.us/DocumentCenter/View/719/Stormwater-Regulations?bidId=#:~:text=(1)%20No%20person%20may%20undertake,development%20or%20sale%20that%20will)

As-built Drawings

*Below, report on the number of as-built drawings received **during this reporting period.***

Number of as-built drawings received:

Optional: Enter any additional information relevant to the submission of as-built drawings:

Street Design and Parking Lots Report

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

No changes have been made to date. To be determined pending discussions with other departments. Estimated June 30, 2027.

Green Infrastructure Report

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

No changes made to date. To be determined pending discussions with other departments. Estimated June 30, 2027.

Retrofit Properties Inventory

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):

1. Sandy Pond Conservation Area, 492 Buck Island Road
2. Dennis Pond Conservation Area, Willow Street
3. Regional Avenue - Tennis Courts, Station Avenue
4. Chase Brook Park, 261 Route 28
5. Union Street - Vacant Parcel, 102 Union Street

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.d of the permit. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

No properties have been modified or retrofitted with BMPs to date.

MCM6: Good Housekeeping

Catch Basin Cleaning

Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins **during this reporting period**.

Number of catch basins inspected:

Number of catch basins cleaned:

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

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

Total number of catch basins:

If applicable:

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

The catch basins inspected and cleaned include those inside and outside of the MS4 catchment areas. The Town has an estimated 274 catch basins with MS4 catchment areas.

Not yet applicable, pending collection of sediment data during catch basin cleaning from year to year. The Town switched to an online ArcGIS platform for recording catch basin inspection and cleaning activities. This

will allow the time to evaluate trends in sediment accumulation and cleaning needs moving forward.

Street Sweeping

*Report on street sweeping completed **during this reporting period** using one of the three metrics below.*

- ☒ Number of miles cleaned:
- ☐ Volume of material removed: cubic yards
- ☐ Weight of material removed: [Select Units]

Stormwater Pollution Prevention Plan (SWPPP)

*Below, report on the number of site inspections for facilities that require a SWPPP completed **during this reporting period**.*

Number of site inspections completed:

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

Not applicable; SWPPPs not required. Seven facilities were identified and evaluated through mapping and field investigations to determine the need for a SWPPP. Based on the location of the facilities, underlying pervious soils, and surrounding topography, it has been determined that the facilities will not discharge to the Town's MS4 or a Waterbody of the United States under any conditions.

Additional Information

Monitoring or Study Results

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

- ☒ Not applicable
- ☐ The results from additional reports or studies are attached to the email submission
- ☐ The results from additional reports or studies can be found at the following publicly available website(s):

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:

Additional Information

Optional: Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above. If any of the above year 5 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 6 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree ☒

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)

- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

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

Part V: Certification of Small MS4 Annual Report 2023**40 CFR 144.32(d) Certification**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

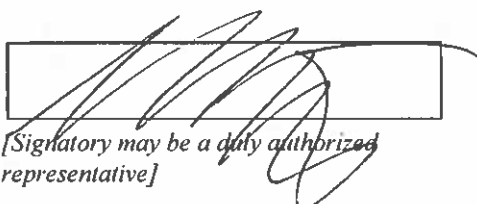
Name:

WILLIAM SCOTT

Title:

ASSISTANT TOWN ADMINISTRATOR

Signature:



[Signatory may be a duly authorized representative]

Date:

09/27/2023