

Year 3 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2020-June 30, 2021

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form

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, 2020 and June 30, 2021 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name:

Title:

Street Address Line 1:

Street Address Line 2:

City:

State:

Zip Code:

Email:

Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (web address):

Date SWMP was Last Updated:

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

Part II: Self-Assessment

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

Impairment(s)			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Phosphorus
<input type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
TMDL(s)			
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen
	<input type="checkbox"/> Charles River Watershed Phosphorus	<input type="checkbox"/> Lake and Pond Phosphorus	
<i>Out of State:</i>	<input type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Metals	<input type="checkbox"/> Nitrogen
			<input type="checkbox"/> 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.

Year 3 Requirements

- Inspected and screened all outfalls/interconnections (excluding Problem and Excluded outfalls)
- Updated outfall/interconnection priority ranking based on the information collected during the dry weather inspections as necessary
- Post-construction bylaw, ordinance, or other regulatory mechanism was updated and adopted consistent with permit requirements

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 3 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:

The Town has successfully screened all known outfalls in the MS4 (see MCM 3). However, the town is aware that there may be interconnections within the MS4. These interconnections have not been identified or inspected during the outfall investigations. These tasks are anticipated to be completed during year 4 and all related documents updated.

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 website:

<https://www.tyngsboroughma.gov/departments/highway/stormwater/>

- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- Provided training to employees involved in IDDE program within the reporting period
- All curbed roadways were swept at least once within the reporting period
- Updated system map due in year 2 as necessary
- 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, provide any additional information, and/or if any of the above annual 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:

The Town made significant progress towards mapping all town- owned treatment structures. Inspections were completed this permit season for 58 out of the 97 mapped treatment BMPs. Due to staffing limitations and the recent departure of our conservation director, the Town was unable to complete this task within permit year 3. The town will continue to work towards completing this task as staffing permits. The Town has implemented all maintenance procedures for permittee owned facilities to the maximum extent practicable.

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

Annual Requirements

*Public Education and Outreach**

- Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

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

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

The inspections performed in accordance with the Highway Department SWPPP

Phosphorus (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) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free 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)

Potential structural BMPs

- Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus removed in mass per year by the BMP were documented.
- The BMP information is attached to the email submission
 - The BMP information can be found at the following website:

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

Existing BMPs are currently being inspected and inventoried using our GIS software. Retrofit BMPs that were installed this permit season are listed on the attached spreadsheet with the estimated phosphorus removal provided.

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:

After completing the outfall investigations, the town has made changes to the GIS mapping of their outfalls. Based on Town staff knowledge and a file review of drainage plans, 57 outfalls were added to the stormwater mapping. 81 outfalls were removed from the outfall inventory because they are another stormwater asset (i.e., culvert ends, BMP structures), do not exist, or are state or privately owned and operated. There are now 124 MS4 outfalls in the inventory. As noted previously, once the Town field verifies and completes dry weather screening of possible interconnections, the outfall/interconnection inventory and mapping of the storm water system will be updated accordingly.

As part of this mapping effort, the Town refined the outfall receiving waters. Following is the updated list of receiving waters, the number of outfalls discharging to each receiving water, and the associated impairments based on the 2016 303(d) List. The Town is not subject to a TMDL.

6	Bridge Meadow Brook M84A-34
7	Wetland/Tributary to Bridge Meadow Brook M84A-34
6	Lake Mascuppic MA84037 – Non-Native Aquatic Plants
2	Wetland/Tributary to Lake Mascuppic MA84037
5	Lawrence Brook MA84A-20
1	Massapoag Pond MA84087 – Dissolved Oxygen, Non-Native Aquatic Plants, Aquatic Plants (Macrophytes), Mercury in Fish Tissue TMDL
2	Wetland/Tributary to Massapoag Pond
1	Merrimack River MA84A-01 – E. Coli, Fecal Coliform, Mercury in Fish Tissue
2	Wetland/Tributary to Merrimack River MA84A-01
1	Upper Massapoag Pond
3	Wetland/Tributary to Black Brook
3	Wetland/Tributary to Long Pond MA84032
1	Isolated Wetland off of Oregon Road
2	Isolated Wetland off of Ridge Road
1	Unnamed Isolated Pond Off Of Arabian Way
1	Unnamed Isolated Pond Off Of Jacques Road
1	Unnamed Pond to Ayers Pond
79	Outside Receiving
124	Total

This updated list removes the following receiving waters from the NOI:

Althea Lake
 Flint Pond MA84012
 Locust Pond and tribs MA84031 (not in MS4)
 Long Pond MA84032

Scarlet Brook MA84A-01
Snake Meadow Brook
Uptons Pond MA84075
Deep Brook MA84A-21
Merrimack Trib Tyng Road MA84A-01
Merrimack Trib Kendall Road MA84A-01

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: 7

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: Resident Message #1: Dog Waste pick up focusing on bacteria reduction (1-H)

Message Description and Distribution Method:

Create an annual message encouraging the proper management of pet waste. Disseminate to dog owners with dog license, or other appropriate time. Materials describe the proper management of pet waste, requirements for waste collection and disposal.

Targeted Audience: Dog Owners (Residetns)

Responsible Department/Parties: Engineering Department and Town Clerk

Measurable Goal(s):

The dog waste posting received 17 likes, 2 shares, and 10 comments. The Town did notice that there was no evidence of dog waste bags in the catch basins during this year's catch basin cleaning operation. Last year, the catch basins in one neighborhood had dog waste bags that were removed during catch basin cleanings.

Message Date(s): 8/28/20 on Social Media and handed out with the Dog Licenses

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: MA Statewide Municipal "Think Blue Massachusetts Educational Campaign"

Message Description and Distribution Method:

The message focuses around the importance of reducing polluted runoff from residential and commercial properties including pet waste. The short video demonstrates to viewers through the use of rubber duckies how pollution enters our waterways. The message is distributed through social media platforms and the campaign's performance was measured. The Town participated in this campaign as a member of NMSC.

Targeted Audience: Residents and commercial property owners

Responsible Department/Parties: Northern Middlesex Stormwater Collaborative

Measurable Goal(s):

The measurable goals for this outreach notification is as follows, Facebook/Instagram: 4,952 viewers,

YouTube Ad Impressions: 12,604, and Spanish Language Impressions: 2,157 (19,713 total impressions)

Message Date(s): The campaign ran from 05/17/2020 to 07/4/2021.

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

This is an additional outreach effort from those listed in the NOI.

BMP: Lawn Care and Gardening Tips to Reduce Stormwater Pollution

Message Description and Distribution Method:

Annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release and phosphorus-free fertilizers. This message was posted on the Town's social media platforms and website. 164 residents receive the news alerts and 2,957 people are subscribed to the Town's Facebook page.

Targeted Audience: Residents and their landscapers

Responsible Department/Parties: Engineering Department

Measurable Goal(s):

Reduction in nutrients entering water bodies leading to a reduction in aquatic invasive plants, thus increasing water quality. The message received 2 likes and 1 share.

Message Date(s): April 27, 2021

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: "DO your part, be water smart! DON'T BLOW IT!"

Message Description and Distribution Method:

This message encourages the proper use and disposal of fall leaf litter. The message was presented on the Town's news webpage which included a link to the Town's storm water webpage. The webpage includes additional stormwater related messages. 164 residents receive the news alerts and 2,957 people are subscribed to the Town's Facebook page.

Targeted Audience: Homeowners, landscapers and businesses

Responsible Department/Parties: Engineering Department

Measurable Goal(s):

To reduce the amount of leaf litter entering the stormwater.

Message Date(s): November 14, 2020

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: Developers #1- Best Practices in Stormwater Management during Construction

Message Description and Distribution Method:

This brochure focuses on best practices for open construction sites including reducing sediment leaving the site. The Town continues to have these available to contractors when they pick-up permits.

Targeted Audience: Developers and builders

Responsible Department/Parties: Engineering and Building

Measurable Goal(s):

Compliance with erosion controls in 100% of site inspections. Reduction in violations.

Message Date(s): Ongoing

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: Industrial Message #1- Keep Pollution at Bay- One Parking

Message Description and Distribution Method:

The message educates industrial facility owners the importance of keeping pollutants out of stormwater. It provides information regarding on rubbish collection areas, material storage, parking lot maintenance, winter weather operations, and stormwater. The flyers were mailed out to all properties identified as industrial by the Assessors Office.

Targeted Audience: Industrial Facilities

Responsible Department/Parties: Engineering Department and Conservation

Measurable Goal(s):

Reductions in pollutants entering stormwater runoff from industrial facilities. Flyers were mailed to 144 industrial properties

Message Date(s): Flyers were mailed on January 6, 2021

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP:Resident Message #3: Septic System Education (1-I)

Message Description and Distribution Method:

The flyer provides information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria or pathogens, if applicable. The Health Department has these available to those that receive septic permits.

Targeted Audience: Homeowners

Responsible Department/Parties: Engineering Department and Health Department

Measurable Goal(s):

Reduction of bacteria in our waterways.

Message Date(s): Ongoing

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 is available on-line and in the Engineering Department for public review throughout the year. The Engineering Department and Conservation provided the Board of Selectmen with an update on October 19, 2020 after submitting their year 2 annual report. Updates to the Town's Stormwater Regulations were presented during a Conservation Meeting on, 07/14/2021 for approval and public input.

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:**

Household hazardous waste and oil waste collection day, 10/31/2020.
Yard waste collection days, 11/7/2020 and 11/21/2020.

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:

The Town made significant improvements to the MS4 mapping during permit year 3, including adding Town owned BMPs and refining the outfall inventory. The Town also obtained a MassDEP Asset Management grant, which will begin in permit year 4 and continue to improvement GIS.

Screening of Outfalls/Interconnections

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

- No outfalls were inspected
- The outfall screening data is attached to the email submission
- The outfall screening data can be found at the following website:

<https://www.tyngsboroughma.gov/departments/highway/stormwater/>

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

Number of outfalls screened: 124

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

Percent of outfalls screened: 100

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

The Town screened all known MS4 outfalls that were mapped in the GIS system. However, possible interconnections will be verified and screened in permit year 4.

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 website:

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

Number of catchment investigations completed this reporting period: 0

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

Percent of total catchments investigated: 0

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

There were no problem outfalls identified during the dry-weather screening. Therefore, no catchment investigations were conducted.

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 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:

Failed septic at 97 Westford Road resulted in an enforcement from Conservation and BOH; property will be connected to town sewer by the end of 2021. Mineral oil entered into Lake Mascuppic which resulted in DEP enforcement. Remediation was completed by National Grid. Hydraulic fluid line leak on Westford Road - no catch basins. Remediation took place under DEP. Truck fire fuel spill on Route 113. Remediation took place under DEP. Sump pump causing erosion on Mascuppic trail resulted in an enforcement. Sump pump has now been rerouted.

Employee Training

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

The Highway Department completed their annual IDDE Program training on June 7, 2021. This is completed once a year. Staff reviews a power point presentation that is specific to the IDDE Program. The Town will be working on a more interactive training module this next permit season.

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

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:

The planning department received partial as-built plans in order for the developers to reduce their bond amounts.

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

No progress has been made. This will be incorporated into the year 4 tasks scheduled for this permit season.

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

In 2020, the Town adopted the "Town of Tyngsborough Construction and Design Standards and Details". Under section 2.2.4.A.2, which states, "Where appropriate, the Town of Tyngsborough encourages the use of Low Impact Development techniques" developers are able to incorporate green infrastructure within a project. In addition, a developer is required to meet or exceed the requirements outlined in the MA Stormwater Handbook and the MS4 Permit.

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

The Town will be completing a phosphorus source identification report and will be identifying permittee-owned properties that are best suited for the installation of a retrofit BMP in permit year 4. The Town has installed two retrofit BMPS during this permit season.

MCM6: Good Housekeeping

Catch Basin Cleaning

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

Number of catch basins inspected:

Number of catch basins cleaned:

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

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

Total number of catch basins:

If applicable:

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

The catch basin cleaning contractor performed visual inspections of each catch basin and indicated that there were no catch basins over 50% full.

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: [Select Units]

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:

- The oil/ water separator was pumped in September 2020.
- The catch basins at the entrance to the property were cleaned June 2021.
- The area surrounding the salt shed was cleaned routinely during winter operations.
- The winter inspection was not completed during the winter quarter.

Additional Information

Monitoring or Study Results

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

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

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:

COVID-19 Impacts

Optional: If any of the above year 3 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 4 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

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

Annual Requirements

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

Provide any additional details on activities planned for permit year 4 below:



Part V: Certification of Small MS4 Annual Report 2021

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: Title:

Signature: Date:

[Signatory may be a duly authorized representative]