

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 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 checked="" type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen
	<input checked="" 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
<input type="button" value="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:

As noted in last year's Annual Report, Hopedale's Notice of Intent (NOI) was submitted on May 3, 2019. With the reporting period for Year 1 tasks being May 1, 2018 through June 30, 2019, little time was left for the Town to complete the required Year 1 Tasks. Due to this, Year 1 tasks were pushed out to the Year 2 reporting period (July 1, 2019 through July 30, 2020). As a continued result, Year 2 tasks were pushed out to the Year 3 reporting period (July 1, 2020 through June 30, 2021). It is important to continue to note that although behind, the Town of Hopedale is committed to completing Year 3 tasks and will continue to remain transparent with EPA as they work to achieve compliance with the permit requirements.

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:

- 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:

Catch basin cleanings and street sweepings are properly stored at the Highway Department with hay bales enclosing the cleaning/sweepings to ensure that they do not discharge to receiving waters. The Town continues to explore options on where their cleanings/ sweepings can be brought and disposed of properly.

Maintenance procedures in accordance with O&M Programs and infrastructure maintenance were not completed this permit year period as these programs were drafted and introduced to Hopedale this year. Hopedale will move forward with implementation in Permit Year 4.

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:

Due to the COVID-19 Pandemic, the Town of Hopedale placed all public education and outreach messages on the Town website under the Stormwater tab to provide accessible information for public viewing.

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:

Due to the COVID-19 Pandemic, the Town of Hopedale placed all public education and outreach messages on the Town website under the Stormwater tab to provide accessible information for public viewing.

The estimated phosphorus removal associated with existing BMPs has not yet been calculated. As the town moves forward in developing their Phosphorus Control Plan, they will track and estimate the amount of

phosphorus removed from existing BMPs, including reporting on BMP type, total area treated, design storage volume, and the estimated phosphorus removed in mass per year.

Charles River Watershed Phosphorus TMDL

- Completed the funding source assessment

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 Charles River Watershed Phosphorus TMDL Legal Analysis was completed in September 2021. The Town of Hopedale will complete the Funding Source Assessment by June 30, 2022, when the Town focuses on Year 3 Tasks.

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

As stated above, the Hopedale Notice of Intent (NOI) was submitted on May 3, 2019. With the reporting period for Year 1 tasks being May 1, 2018 through June 30, 2019, little time was left for the Town to complete the required Year 1 Tasks. Because of this, the Year 1 tasks were pushed out to the Year 2 reporting period (July 1, 2019 through June 30, 2020). As a continued result, Year 2 tasks were pushed out to the Year 3 reporting period (July 1, 2020 through June 30, 2021). It is important to note that although behind, the Town of Hopedale is committed to completing Year 2 tasks, as well as future annual tasks. Below is a description of all tasks completed to date, along with what is planned for the next reporting period.

The Town of Hopedale adopted Bylaws for Illicit Discharge Detection and Elimination, Construction Site Runoff Control and Post-Construction Stormwater Management in May 2021. Written procedures for site inspections, enforcement of sediment and erosion control measures and site plan review are included under the supporting rules and regulations.

The implementation plan that was created by Weston & Sampson for the Town of Hopedale that was discussed on last year's annual report is still being used to help manage the tasks and level of effort for the full MS4 permit period.

The Town has completed catch basin inspection and cleanings within the MS4. Street Sweeping continues to occur at least 3 times a year - once in the fall and twice in the spring. The Town currently stockpiles the cleanings and sweepings at the Highway Department with hay bales enclosing the cleanings/ sweepings to ensure that they do not discharge to receiving waters. Hopedale is currently exploring options on where they can bring their cleanings and sweepings to be properly disposed of.

The Town was able to complete the legal analysis for the Phosphorus Control Plan by reviewing the existing stormwater-regulatory mechanisms and Zoning Bylaws, and identifying changes required to implement the Phosphorus Control Plan in its entirety. The Town will focus on completing the Funding Source Assessment for the Phosphorus Control Plan by June 30, 2022.

The Town also continued efforts to complete Phase I of the system mapping. This included depicting open channel conveyances, refining catchment delineations, establishing connectivity of drainage structures, identifying interconnections with neighboring MS4 communities and mapping Town-Owned stormwater treatment structures.

Hopedale also developed written operation and maintenance (O&M) procedures for permitted-owned facilities and activities. This included a complete inventory of municipal equipment, facilities and other Town-owned property. The O&M Procedures were completed in June 2021.

The Town also developed a Catch Basin Optimization Plan to optimize cleaning to ensure that no catch basin sump is more than 50% full. The Town will continue to update this plan as additional sump measurements are available each year during catch basin inspections and cleanings.

Stormwater Pollution Prevention Plans (SWPPPs) were developed for the Highway Department, Wastewater Treatment Facility, Recycling Center and the Greene Street Water Treatment Facility. These were completed by June 30, 2021. Quarterly inspections and yearly training to occur and be reported on in Permit Year 4.

The Town will continue public education initiatives for annual requirements for proper disposal of grass clippings and proper use of slow-release and phosphorus-free fertilizers, proper management of pet waste, proper septic system maintenance, and proper disposal of leaf litter. The Town will be distributing their next annual message this October to encourage proper disposal of leaf litter. It is anticipated that either these will be posted on the Town's website, fliers will be distributed, or will be available in a pamphlet at Town Hall.

The Town of Hopedale will focus on Year 3 tasks in Permit Year 4. This will include outfall/interconnection dry weather screening along with updated catchment prioritization and ranking based on the monitoring results.

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:

The Town has been actively working to locate and map all drainage infrastructure. Changes will continue to be made to the list of receiving waters and outfalls as additional data is collected regarding ownership, outfall drainage location, and drainage system configuration as part of the comprehensive drainage mapping effort. The list of updated outfalls, receiving waters, and impairments included in the Town's SWMP reflects all changes.

Hopedale is monitoring the draft 2018/2020 List of Impaired Water and will act accordingly once the list is finalized. The updates will continue to be incorporated into the Town's SWMP.

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:Brochures/Pamphlets

Message Description and Distribution Method:

To encourage proper disposal of dog waste, signs have been placed throughout Town to inform dog owners to properly dispose of dog waste. There is also a message on the Board of Health's web page. In addition to this, two separate fliers are on the Town website.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Place signs in residential areas to inform the public about cleaning up after their dogs. The signs and online information inform the public that dog waste can impact water quality.

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:Brochures/Pamphlets

Message Description and Distribution Method:

To encourage proper septic system maintenance by septic system owners, a flyer was placed on the Town's web page under the stormwater tab.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

To inform the public about septic system maintenance.

Message Date(s): Year-Round

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 NOI discusses distributing a flyer and recording the list of recipients. It was thought that if it was on the Town's website, the information would be readily available to anyone wanting information on septic systems.

BMP:Newspaper Articles/Press Releases/Meetings

Message Description and Distribution Method:

Information was included on the Town's website regarding Hopedale's stormwater management program specifically targeting residents and how they can impact stormwater and receiving water quality.

Targeted Audience: Residents

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To inform the community, educational information regarding how stormwater can impact receiving water quality was placed on the Town's web page under the stormwater tab.

Message Date(s): Year-Round

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 NOI discusses submitting an article for publication in the Town newspaper. It was thought that if it was posted on the Town's web page, it may be able to reach a larger audience, as it can be accessed at any time.

BMP:Newspaper Articles/Press Releases/Meetings

Message Description and Distribution Method:

Information was included on the Town's website regarding Hopedale's stormwater management program specifically targeting residents and how they can impact stormwater and receiving water quality.

Targeted Audience: Businesses, Institutions and Commercial Facilities

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To inform the community, educational information regarding how stormwater can impact receiving water quality was placed on the Town's web page under the stormwater tab.

Message Date(s): Year-Round

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 NOI discusses submitting an article for publication in the Town newspaper. It was thought that if it it was posted on the Town's web page, the Town may be able to reach a larger audience, as it can be accessed at any time.

BMP:Leaf Litter Flyer

Message Description and Distribution Method:

Information was provided to the community about proper disposal of leaf litter and the effects of proper disposal to help minimize contamination of stormwater runoff to protect water resources.

Targeted Audience: Residents

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To inform the community, educational information regarding how improper leaf disposal can impact receiving water quality was placed on the Town's web page under the stormwater tab.

Message Date(s): October

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:Lawn and Garden Tips to Help Curb Stormwater Pollution

Message Description and Distribution Method:

Information was provided to the community on how to dispose of grass clippings as well as understanding how fertilizers can impact receiving waters.

Targeted Audience: Residents

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To promote awareness on grass clippings and fertilizer and the impacts they have on receiving waters.

Message Date(s): April/May

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:Gas, Oils & Grease Flyer

Message Description and Distribution Method:

Information was provided to the community on how to maintain vehicles and equipment to avoid potential interaction with stormwater.

Targeted Audience: Industrial Facilities

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To promote awareness of maintaining drains, sweeping parking lots, covering trash cans, etc. and why it is necessary.

Message Date(s): Year- Round

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:Erosion Control Flyer

Message Description and Distribution Method:

General information flyer discussing erosion control was included on the Town's web site.

Targeted Audience: Developers

Responsible Department/Parties: Planning Board

Measurable Goal(s):

To inform developers on how to stop erosion and why it is necessary.

Message Date(s): Year-Round

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 NOI discusses distributing a brochure at Town Hall to all prospective developers and to maintain a list of recipients. Due to COVID-19, it was thought that making this information available online was a more effective way to distribute information since Town Hall was not open to the public.

BMP: Social Media Outreach - Video

Message Description and Distribution Method:

Hopedale participated in the Central Massachusetts Regional Stormwater Coalition (CMRSWC) in Year 3, which partnered with ThinkBlue MA to run an educational advertising campaign on social media. The campaign ran the "Fowl Water" advertisement through sponsored posts on Facebook and Instagram and as a YouTube pre-roll video.

Targeted Audience: Residents

Responsible Department/Parties: Highway Department

Measurable Goal(s):

The campaign received 1,402 impressions on Facebook and Instagram, 3,484 impressions on YouTube and 593 Spanish Language impressions during Year 3

Message Date(s): May 17 to June 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:

The opportunity to participate in this ad campaign arose after the NOI was filed.

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 Stormwater Management Program (SWMP) was developed in December 2019 and was posted on the Town's web page. It was updated in June 2021 and was reposted again for the public to read and provide comment. Annual Reports are available and included in the SWMP. The Town of Hopedale will continue to update and post to the Town's web page for public review and comment.

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:**

Due to Covid-19, Hazardous Waste Day did not occur this reporting period. The Town did not want to encourage any unnecessary gathering.

The Town has its own Recycling Center that is open on Saturdays. The Recycling Center accepts grass clippings, leaves, brush, propane tanks, dismantled oil tanks, heaters, washing machines, dryers, air conditions, TVs and stereo sets.

Hopedale is also collaborating with the Central Massachusetts Regional Planning Commission, residents, and stakeholders on strategies to reduce vulnerability and adapt to the changing climate through the State's Municipal Vulnerability Preparedness (MVP) program. Stormwater is discussed as priority climate change adaptation action.

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:

Mapping updates included open channel conveyances, interconnections with neighboring MS4 communities, Town-owned stormwater treatment structures, refined catchment delineations, drainage infrastructure tributary to previously mapped outfalls, and establish connectivity of drainage structures.

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:

*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:

Outfall/interconnection screening did not occur this reporting period as the Town of Hopedale focused on Year 2 tasks this last reporting period. Consistent with the tasks listed throughout this annual report to comply with the Year 3 reporting period, Hopedale will advance its outfall inspection and screening data in Permit Year 4, as this will be the time Hopedale is able to focus on Year 3 tasks.

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:

*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:

Dry weather catchment investigations were not conducted this year, but will be conducted in Permit Year 4 by June 30, 2022.

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:

No illicit discharges were found over this reporting period.

Employee Training

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

IDDE and Good Housekeeping Pollution Prevention Training and was completed on June 21, 2021 and was provided to the Highway Department, Sewer Department and Water Department.

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:

No site plan reviews, inspections or enforcement actions were completed during this reporting period as the Town of Hopedale passed their bylaw and rules and regulations for Stormwater Management in late May 2021.

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:

As stated above, Hopedale was able to adopt their bylaws and regulations for stormwater management and IDDE in late May 2021. These bylaws and accompanying rules and regulations require the submission of as-built drawings and ensure long term operation and maintenance of BMPs. Being that their adoption occurred later in the reporting period, no as-built drawings were submitted during this reporting period.

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:

The Town plans to have this completed in Year 5 in compliance with the Permit

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:

The Town plans to have this completed in Year 5 in compliance with the 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 plans to have this completed in Year 5 in compliance with the Permit.

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:

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:

Weight of material removed:

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:

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:

As stated throughout this Annual Report, Hopedale is a year behind. Only some of the items listed above will be able to be completed during the next reporting period. The Town of Hopedale is committed to completing all future tasks required by the permit.

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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]