

**Year 4 Annual Report**  
**Massachusetts Small MS4 General Permit**  
**Reporting Period: July 1, 2021-June 30, 2022**

*\*\*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, 2021 and June 30, 2022 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)**

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.

### Year 4 Requirements

- Developed a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover, made it available as part of the SWMP, and:
  - No updates were recommended
  - Updates were recommended. The anticipated date or date of completion for updates is/was:

- Developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist, made it available as part of the SWMP, and:
  - No updates were recommended
  - Updates were recommended. The anticipated date or date of completion for updates is/was:

- Identified a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover

*Optional:* If you would like to describe progress made on any incomplete requirements listed above, provide an update on previous incomplete milestones, or provide any additional details, please use the box 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) and Year 3 tasks were pushed out to the Year 4 reporting period (July 1, 2021 through June 30, 2022). It is important to continue to note that although behind, the Town of Hopedale is committed to completing Year 4 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:
- 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:

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.

### **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 has continued to place all public education and outreach messages on the Town website under the Stormwater tab to provide accessible information for public viewing. Hard copies of all public education and outreach messages can be made available, if requested.

**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)

*Phosphorus Source Identification Report*

- Completed the Phosphorus Source Identification Report
  - The Phosphorus Source Identification Report is attached to the email submission
  - The Phosphorus Source Identification Report can be found at the following website:

*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 has continued to place all public education and outreach messages on the Town website under the Stormwater tab to provide accessible information for public viewing. Hard copies of all public education and outreach messages can be made available, if requested.

## **Solids, Oil and Grease (Hydrocarbons), or Metals**

### Annual Requirements

#### *Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads

- The street sweeping schedule is attached to the email submission  
 The street sweeping schedule can be found at the following website:

- Prioritized inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Cleaned catch basins more frequently if inspection and maintenance activities indicated excessive sediment or debris loadings

*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 2018/2020 Final 303(d) List of Impairments lists the Mill River and its tributaries as having a metal impairment. No specific metal is listed, so the Town is focusing on Cadmium, Copper, Iron, Lead and Zinc, as discussed in the MS4 Permit. Street Sweeping is already conducted three times per permit year on all municipal streets and parking lots. A Street Sweeping Schedule will be developed in Year 5. The Catch Basin Optimization Plan is still being developed, as the Town continues to collect data while cleaning and inspecting all catch basins each year. Once the Town has more data, the Optimization Plan will be updated and prioritized inspection and maintenance of catch basins will be developed.

The Street Sweeping Standard Operating Procedure (SOP) was created with the Town's Operation and Maintenance Plan and notes that street sweeping is to be conducted three (3) times per year in the downtown area and rural uncurbed roadways are to be swept a minimum of once per year. The Town is continuing to gather information from their catch basin inspections and cleanings that are performed yearly. In doing so and as stated in the SOP, priority roads and parking lots will be identified on the basis of pollutant load reduction potential, based on inspections, known pollutant loads, catch basin cleaning or inspection results, land use, proximity to impaired/TMDL waters, or other relevant factors.

## **Charles River Watershed Phosphorus TMDL**

- Defined the scope of the Phosphorus Control Plan (PCP). *Please select one of the following:*
- The PCP scope is the entire area within our jurisdiction within the Charles River Watershed  
 The PCP scope is the urbanized area portion of our jurisdiction within the Charles River Watershed

*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 Control Plan Legal Analysis was completed in September 2021 and the Funding Source Assessment was completed on June 30, 2022. The entire portion of the town that is within the Charles River Watershed is urbanized and the Town will implement the PCP within that entire area.

*NON-TRADITIONAL AND TRANSPORTATION MS4s ONLY- municipalities please skip this section:*

- Estimated the current impervious area of permittee owned property, determined the Land Use information for permittee owned property, calculated the phosphorus removal in pounds per year for any structural BMP owned by the permittee in accordance with Appendix F Attachment 3, and recorded the date of last maintenance activity for all structural BMPs for which phosphorus removal is calculated
- 
- The above information is attached to the email submission
  - The above information can be found at the following website:

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

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) and Year 3 tasks were pushed out to the Year 4 reporting period (July 1, 2021 through June 30, 2022). It is important to continue to note that although behind, the Town of Hopedale is committed to completing Year 4 tasks, as well as future tasks. Below is a description of all tasks completed to date, along with what is planned or the next reporting 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 and tarps enclosing the cleanings/sweepings to ensure that they do not discharge to receiving waters. Silt fencing also surrounds the site to further mitigate stormwater runoff. 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 Funding Source Assessment for the Phosphorus Control Plan in June 2022. The Town will focus on completing the Phosphorus Source Identification Report for the portion of the Town within the Blackstone River Watershed, and the Phosphorus Control Plan Scope for the Charles River Watershed by June 30, 2023.

The Town conducted dry weather screening/sampling at each Town-owned outfall and interconnection. With the data collected, the catchment prioritization and ranking table was updated based on monitoring results. The results of the screening/sampling are attached to this email submission.

The Town also continued efforts to complete Phase I and Phase II 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, as well as refining areas within Town deemed State and Privately-Owned stormwater infrastructure.

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 they will be made available in a pamphlet at Town Hall.

The Town of Hopedale will focus on Year 4 tasks in Permit Year 5. This will include developing the PCP Scope, Phosphorus Source Identification Report, Street Design and Parking Lot Report, Green Infrastructure Assessment Report, and the BMP Retrofit Properties Inventory.

### 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.

## 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: Low Impact Development Practices Flier**

Message Description and Distribution Method:

Distribute brochure about the benefits of adopting low impact development practices such as disconnecting impervious surfaces. A flier was posted to the Stormwater page on the Town's website.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

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:

The NOI discusses distributing a brochure about the benefits of adopting low impact development practices and having the Chamber of Commerce track the number of brochures distributed. However, it was decided that it would have more visibility on the Town's website, and the information would be readily available to anyone wanting information on low impact development practices.

#### **BMP: Septic System Maintenance Flier**

Message Description and Distribution Method:

To encourage proper septic system maintenance by septic system owners, a flier was posted to the Stormwater page on the Town's website.

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 flier and recording the list of recipients. Instead, with its location on the Town's website, the information is now readily available to anyone wanting information on septic systems.

**BMP:Leaf Litter Flier**

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. The flier was posted to the Stormwater page on the Town's website.

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.

Message Date(s): October-November

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 Flier**

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. A flier was posted to the Stormwater page on the Town's website.

Targeted Audience: Residents

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To promote awareness of the impact that grass clippings and fertilizer 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: Reducing Stormwater Runoff During Construction Flier**

Message Description and Distribution Method:

Information was provided to the community on how to reduce stormwater runoff during construction. A flier was posted to the Stormwater page on the Town's website.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Highway Department & Planning Board

Measurable Goal(s):

To inform Developers during the construction phases of their projects, educational information was provided to assist with how to secure the site to reduce stormwater runoff.

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:Spill Prevention for Industrial Facilities Flier**

Message Description and Distribution Method:

Information was provided on the Town's web page on spill prevention. A flier was posted to the Stormwater page on the Town's website.

Targeted Audience: Industrial facilities

Responsible Department/Parties: Highway Department & Board of Health

Measurable Goal(s):

To inform Industrial Facilities on how to best prevent spills and reduce polluted runoff.

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:Safe Storage and Handling Tips for Chemicals and Hazardous Materials Flyer**

Message Description and Distribution Method:

Information was provided on the Town's web page regarding the responsibilities Industrial Facilities have in order to prevent harmful chemicals and hazardous materials from interacting with stormwater. A flier was posted to the Stormwater page on the Town's website.

Targeted Audience: Industrial facilities

Responsible Department/Parties: Highway Department & Planning Board

Measurable Goal(s):

To inform Industrial Facilities on the proper ways to store and handle chemicals and hazardous materials to prevent interaction with stormwater.

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:Salt & Sand Usage Flier**

Message Description and Distribution Method:

Information was provided on the Town's website to inform the community that the use of salt and sand can pollute waterways.

Targeted Audience: Businesses, Institutions, Commercial Facilities, Residents, Industrial Facilities, Developer

Responsible Department/Parties: Highway Department

Measurable Goal(s):

To inform the community on the effects of salt and sand usage on local waterways and how to best use salt and sand during the winter months.

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:

[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) Plan was developed in December 2019 and posted on the Town's Stormwater web page. It was updated and reposted in June 2021 and again in June 2022 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 the SWMP and the Annual Report to the Town's web page for public review and comment. The SWMP is available for review on the Town's website year-round. Hard copies can be made available, if requested.

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:**

The Town continued to host its Hazardous Waste Day at the Recycling Center after not having one during Permit Year 3. This event allows residents to bring oil, gasoline, gasoline mixtures, auto batteries, pesticides, paint thinners, spent antifreeze, oil-based paints and stains, photo chemicals, pool chemicals, household chemicals and aerosols to the Hopedale Recycling Center. This was held in October 2021.

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. The Recycling Center is operated by the Board of Health. All items collected at the Recycling Center are hauled away via a third party for proper disposal.

## 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:*

Stormwater infrastructure was updated as the Town added and removed areas to the map based on infrastructure ownership. 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 establishing 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:*

All outfalls and interconnections were screened, inspected, sampled during dry weather conditions this permit period. The screening data is attached to the email submission.

All town-owned outfalls and interconnections, where flowing, were screened for temperature, salinity, conductivity, ammonia/nitrogen, surfactants, chlorine, and E.coli. Outfalls discharging directly to the Charles River were additionally screened for total phosphorus, BOD, and dissolved oxygen. Outfalls discharging directly to the Mill River and its tributary water bodies (Hopedale Pond and Spindleville Pond) were additionally screened for the following metals: Cadmium, Copper, Iron, Lead, and Zinc. The Mill River and its tributary water bodies were noted as having metal impairments according to the Final 2018/2020 303(d) List of Impaired Waters. No specific metals were identified for the Mill River, therefore the Town only screened for the metals listed in the MS4 Permit.

### **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:*

### **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:

As you will notice from the attachment, four (4) outfalls were identified as potentially having likely sewer input based upon the sampling results. Investigations will be conducted in Permit Year 5 to identify any potential illicit discharges.

### **Employee Training**

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

IDDE and Good Housekeeping Pollution Prevention Training was conducted on June 29, 2022. Training was provided to the Highway Department, Sewer Department, Water Department, and Board of Health members. A total of nine (9) participants were in attendance.

### **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 for projects that met the 3/4 acre disturbance threshold.

### **MCM5: Post-Construction Stormwater Management in New Development and Redevelopment**

#### **Ordinance or Regulatory Mechanism**

Date update was completed (due in year 3):

#### **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:

No as-built drawings were submitted during this reporting period.

### **Retrofit Properties Inventory**

Below, list the permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (at least 5):

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:

The number of Town owned catch basins is updated each year with mapping updates/improvements. The Town saw a lower volume of material removed from the catch basins as they did not use sand for de-icing this past winter.

The Town is now using an iPad to track all cleanings to ensure that all catch basins are inspected and cleaned as necessary. This information will help the Town to develop their Catch Basin Optimization Plan.

The Town is working to access 46 catch basins and locate 29 missing catch basins. Inspections and cleanings

will be logged on the iPad once completed.

### **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 Town of Hopedale continues to work on stormwater pollution prevention at each facility. Two (2) site inspections for each of the four (4) facilities were completed between January 1, 2022 and June 30, 2022. A third site inspection for all facilities was recently completed during the month of September 2022, and a fourth will be completed before the calendar year ends. The Town plans to have all four (4) site inspections done each permit year moving forward. For each facility, the following corrective actions were taken during the permit year:

#### Highway Department:

- Additional secondary containment was added for waste oils, and other chemicals
- Silt fencing has been secured at the Highway Department facility as well as at the leaf pile located near the Recycling Facility.
- Salt and sand mixtures are no longer utilized for Town road de-icing, therefore no mixing occurs on site.
- Fertilizer is no longer used on site.

#### Hopedale WWTF:

- Adsorbent booms were added to each drain inside of the garage.
- Additional secondary containment for waste oils, and other chemicals was added.
- Fertilizer is no longer used on site.

#### Recycling Center

- Large bins used for recycling purposes now have covers to shield from the elements.
- Silt fencing was added around the site perimeter.

#### Green Street Water Treatment Facility

- Fertilizer is no longer used on site.

### **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:

No additional stormwater or receiving water quality monitoring or studies were conducted during the reporting period to inform permit compliance or permit effectiveness.

**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:

All structural BMPs were inspected this permit period and added to the Stormwater Treatment Structure Inspection Report. Maintenance planning for each structural BMP is ongoing.

**COVID-19 Impacts**

*Optional:* If any of the above year 4 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:

All stormwater public education materials continue to be posted online on Hopedale's Town web page to make sure that information is provided to the community without having public gatherings.

**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 5 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 5 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.

### 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: CHRIS NADEAU

Title: HIGHWAY SUPERINTENDENT

Signature: 

Date: 9/26/2022

*[Signatory may be a duly authorized representative]*