

**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>

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

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:

2025

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:

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:
 

The SSO inventory is included as Appendix F of the City's Stormwater Management Plan and can be found at the following website: <https://www.framinghamma.gov/1133/Stormwater-Management>
- × 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:

**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:

**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:

The Lake Waushakum Phosphorus Source Identification Report is included as Appendix D of the City's Stormwater Management Plan and can be found at the following website:  
<https://www.framinghamma.gov/1133/Stormwater-Management>

*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:

Appendix F does not apply to Framingham since there are no TMDLs within the City limits. No structural water quality BMPs have been installed in the catchments for phosphorus impaired waterbodies in the regulated area by the City of Framingham or its agents.

*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:

**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:

<https://www.framinghamma.gov/2074/Urban-Street-Sweeping-Program>

- × 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:

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

The City completed a traffic calming project along Grant Street which included "bumps outs" which added approximately 5,490 square feet of green space (grass area between sidewalk and roadway).

### 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 Sudbury River is listed on the 2018/2020 303d list (which became effective during this permit cycle - Year 4) as having an e.coli impairment.

## 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:(1) Clear a Drain**

Message Description and Distribution Method:

"Clear a drain" -reminder to check the drains before heavy rain. Message distributed via City of Framingham Instagram/Facebook/Twitter, DPW Facebook/Twitter.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

City of Framingham Facebook - 489 people reached, 4 engagements, 5 likes, 11 shares  
 City of Framingham Instagram - 1097 accounts reached, 19 content interactions.  
 DPW Facebook - 3072 people reached, 66 engagements, 22 likes, 16 shares  
 DPW Twitter - 7038 impressions, 142 engagements, 13 retweets, 1 quote retweet, 13 likes, 2 shares  
 City of Framingham Twitter - retweets

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:

This message was in addition to the ones proposed in the NOI.

**BMP:(2) Think Blue Massachusetts**

Message Description and Distribution Method:

Think Blue Massachusetts "Fowl Water" video (<https://www.thinkbluemassachusetts.org>)  
Advertisement on Facebook/Instagram and YouTube. Video available on the Think Blue Massachusetts website.

Targeted Audience: Businesses, institutions and commercial facilities; Residents; Developers; Industrial

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition

Measurable Goal(s):

Over 104,000 social media impressions from residents of Framingham, including over 10,200 impressions for the Spanish language video.

Message Date(s): May 31, 2022- June 17, 2022

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 message was in addition to the ones proposed in the NOI.

**BMP:(3) Septic System Maintenance**

Message Description and Distribution Method:

Septic System Tips and Maintenance message distributed via DPW Twitter, City of Framingham Twitter and DPW Facebook

Targeted Audience: Residents

Responsible Department/Parties: DPW

Measurable Goal(s):

DPW Facebook - 697 people reached, 8 engagements, 2 likes, 1 share  
DPW Twitter - 292 Impressions, 5 engagements, and 1 retweet

Message Date(s): 6/2/22

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:(4) Leaf Litter**

Message Description and Distribution Method:

Leaf litter post - guidance to residents about how to properly dispose of leaves and to take advantage of the City's curbside collection via social media

Targeted Audience: Residents

Responsible Department/Parties: DPW

Measurable Goal(s):

DPW Twitter-237 Impressions and 9 engagements  
DPW Facebook-517 people reached, 8 engagements, and 3 likes  
City of Framingham Facebook-share

Message Date(s): 11/6/2021

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:(5) Nutrients in Lawn Fertilizers**

Message Description and Distribution Method:

Did you know nutrients in lawn fertilizers can wash off into nearby waterways encouraging algae, and invasive plants to grow? This type of growth is harmful to fish and aquatic life and can also limit recreational use such as swimming and boating. Information about conducting soil testing. via social media

Targeted Audience: residents, businesses, institutions and commercial facilities

Responsible Department/Parties: DPW

Measurable Goal(s):

City of Framingham Instagram-180 accounts reached and 1 content interaction  
City of Framingham Facebook-share  
DPW Facebook-1,768 people reached, 83 engagements, 26 likes, and 4 shares  
DPW Twitter-608 impressions, 15 engagements, and 1 retweet  
City of Framingham Twitter - retweet

Message Date(s): 5/3/22

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:(6) Ice Melt Post**

## Message Description and Distribution Method:

Ice melt post - select an environmentally-friendly de-icing material so when the snow melts it does not cause stormwater pollution via social media

Targeted Audience: residents, businesses, institutions and commercial facilities

Responsible Department/Parties: DPW

## Measurable Goal(s):

City of Framingham Instagram 237 accounts reached and 3 content interactions  
 DPW Facebook 520 people reached, 19 engagements, 11 likes, and 1 share  
 DPW Twitter 763 impressions, 11 engagements, 2 likes, and 2 retweets  
 City of Framingham Twitter N/A - Retweet

Message Date(s): 3/10/22

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:(7) Scoop the Poop!**

## Message Description and Distribution Method:

The City continued the "Scoop the Poop" public education campaign to inform residents about how pet waste impacts water quality. Social media posts shared on the City of Framingham Facebook, Instagram and Twitter, as well as DPW Facebook and Twitter to encourage proper management of pet waste. The City also distributed pet waste bag dispensers shaped like fire hydrants and informational postcards, although less were distributed this year due to lingering COVID concerns. Pet waste bags, postcards and stormwater coloring books, and doggy coloring contest were distributed at community events include Earth Day, Lake Association meetings and the grand opening celebration of Framingham's first Dog Park.

Targeted Audience: Residents

Responsible Department/Parties: DPW, Engineering, Conservation, City Clerk, Parks & Rec

## Measurable Goal(s):

City of Framingham Instagram 168 accounts reached and 4 content interactions  
 City of Framingham Facebook N/A - Share  
 DPW Facebook 2,875 people reached, 110 engagements, 8 likes, and 12 shares  
 DPW Twitter 518 impressions, 7 engagements, 3 likes, and 3 retweets  
 City of Framingham Twitter N/A Retweet  
 Earth Day celebration - 300+ booth visitors, distributed 100 pet waste dispensers/rubby duckies & coloring books.

Lake Association/neighborhood meetings - distributed 20 postcards

Message Date(s): 5/10/22 (social media), Earth Day 4/23/22, meetings - 5/1/22 & 5/18/22

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:

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**BMP:(8) Central Massachusetts Regional Stormwater Coalition- social media messaging**

Message Description and Distribution Method:

Our Community is a member of the Central MA Regional Stormwater Coalition (CMRSWC). In November 2020, CMRSWC contracted Capital Strategic Solutions (CSS) to assist with messaging requirements for MCM1. A CMRSWC Facebook page and Instagram account were created to supplement the existing Twitter account. Weekly messages were distributed through social media to target audiences consisting of residents, developers, businesses, institutions, commercial and industrial facilities located in CMRSWC communities. Topics on way to reduce water pollution included: proper disposal of hazardous wastes, how to prepare for winter conditions, proper car washing techniques, septic system maintenance, yard maintenance and pet waste disposal.

Targeted Audience: residents, developers, businesses, institutions, commercial and industrial facilities

Responsible Department/Parties: CMRSWC

Measurable Goal(s):

Facebook - 462 posts, 289 reactions, 253 shares, 2 comments  
 Instagram - 442 posts, 740 reactions, 370 shares, 21 comments  
 Twitter - 6529 posts, 9406 reactions, 894 shares

Message Date(s): July 1, 2021- June 30, 2022

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:

Social media messaging was a new service being provided to CMRSWC member communities starting in Year 3, and would not have previously been identified in our NOI.

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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 City's Stormwater Management Plan is posted on the City's website at <https://www.framinghamma.gov/1133/Stormwater-Management>.

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:**

DPW hosted Household Hazardous Waste Day on July 31, 2021 (245 residents participated) and May 14, 2022 (335 residents participated).

The City's participation in public events to educate and involve the public on the City's stormwater management were limited due to COVID.

-DPW presented to the FHS Environmental Awareness Club, approximately 25 students on September 23, 2021.

-DPW presented to the Fuller Middle School STEAM "Go Getters" after-school program, approximately 40 students on October 18, 2021. Distributed Dwayne coloring books.

-DPW presented to Potter Road 5th grade science classes with the Enviroscope watershed and Ward's floodplain models. Approximately 90 students participated. Distributed Dwayne coloring books. November 29, 2021 and December 1, 2021.

-DPW hosted City Councilor from District 7 to tour DPW facility and discuss importance of stormwater management.

-DPW presented "April Showers bring May flowers....and flooding in Framingham" at the Framingham Senior Center on April 22, 2022. Approximately 20 attendees.

-DPW and Conservation Departments co-staffed a booth at Framingham Earth Day Festival (April 23, 2022) on the Centre Common, which included demonstrations using the Enviroscope model to demonstrate sources of water pollution and describe ways citizens can prevent pollution. 300+ booth visitors. Distributed coloring books, ThinkBlue Ducks, dog waste bag dispensers, and informational bookmarks & postcards.

-DPW, Conservation, Health Department and Parks & Rec participated in a Lake Waushakum Association member meeting to present information on water quality and stormwater systems. Approximately 40 participants on May 2, 2022.

-Conservation participated in a Learned Pond neighborhood meeting which included discussions about water quality. Approximately 30 participants on May 18, 2022.

-DPW supports local litter cleanup group (Keep Framingham Beautiful) by disposing of collected debris/trash and sharing stormwater messages.

-Lake Waushakum Association neighborhood members installed over 100 drain placards in June 2022.

Our municipality participated in the Central Massachusetts Regional Stormwater Coalition (CMRSWC) and the Massachusetts Statewide Municipal Stormwater Coalition (Statewide Coalition).

During Year 4 the City's Stormwater website was updated to provide more educational information, reorganized and highlighting community outreach/engagement.

### 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:

Framingham's municipal GIS system is a robust mapping system. As catchment investigation and other field work continue to be performed, updates are made to the GIS system to more accurately reflect system connections. As a result, adjustments and modifications occur on an on-going basis.

#### 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:

**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:*

Catchment investigations commenced this permit year. Numbers above only reflect catchments where investigations are considered complete. 32 inspections in 10 catchments were initiated but additional follow up work is required in some catchments (i.e. CCTV, etc.)

**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:

### **Employee Training**

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

Framingham employees involved in the IDDE program participated in annual IDDE training. Two employees participated in virtual self paced training sponsored by Central Massachusetts Regional Stormwater Coalition. An additional employee was trained by the City's Senior Stormwater Engineer. The training focused on aspects of the IDDE program, including how to recognize illicit discharges and SSOs.

MS4 Year 4 Senior Stormwater & Environmental Engineer Training

-October 27, 2021 Green & Nature Based Infrastructure Solutions for Economic Recovery in New England (AAAS EPI)

-October 28, 2021 EPA MS4 Nutrient Source ID Webinar

-January 11, 2022 MA Coalition for Water Resources Stewardship MS4 Permit Compliance Challenges & Opportunities (1.5 credit hours)

-February 16, 2022 SNEP - Is your Community Climate Resilient? Bylaws and Best Practices (1.5 hrs)

-May 25, 2022 US EPA Soak up the Rain Webinar Series: Green Infrastructure & MS4 permit (1.5 credit hours)

### **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:

The City conducts numerous site plan reviews, construction inspections, and enforcement actions that involve water quality and stormwater controls. These are conducted by the Department of Public Works, the Planning Board, the Conservation Commission, the Health Department, and the Building Department for compliance with numerous City rules and regulations. Many of the sites are less than an acre and therefore not covered under the MS4 permit. If the project had a stormwater management component, whether or not the site was over 1 acre of disturbance, the City considered it for the metrics above.

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

### Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): April 27, 2021

### As-built Drawings

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

Number of as-built drawings received: 92

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

If the project had a stormwater management component and the DPW received an as-built plan, whether or not the site was over 1 acre of disturbance, the City considered it for the metrics above.

### Retrofit Properties Inventory

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

An inventory of at least five (5) City-owned properties that could potentially be modified or retrofitted with BMPs designed to reduce the frequency, volume, and pollutant loads of stormwater discharges to and from its MS4 through the reduction of impervious area are identified in the City's SWMP. The inventory identifies if the properties are located in a drainage area for a water quality limited waterbody with additional requirements for pollutant removal.

## 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 City collects and records % full sump data during catch basin inspections and continues to evaluate incorporating conclusions from this data into the inspection and service schedule. Total volume of material removed from catch basins was unavailable at the time of reporting, however is estimated above.

### **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:

At the DPW Annex - Arthur St facility an area that was eroding near the property fence was monitored and stabilized.

At the DPW Annex- Henry St facility, straw waddles were installed along the fence line to reduce runoff of salt from snow & ice activities.

## **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:

Framingham Ponds Year End Report 2021, prepared by SOLitude Lake Management for the City of Framingham.

This report summarized herbicide & algaecide treatment for nuisance vegetation and water quality monitoring conducted by SOLitude at the following ponds: Learned Pond, Norton Pond, Gleason Pond, Lake Waushakum, Mohawk Pond and Farm Pond. Lake Waushakum and Farm Pond have water quality impairments with additional permit requirements under Appendix H. Two rounds of water quality samples were collected from each of the ponds and analyzed for the following water quality parameters: pH, turbidity, alkalinity, nitrate-nitrogen, total phosphorus, true and apparent color and e.coli. Samples were also taken for algae and cyanobacteria species identification and counts.

Framingham Sudbury River Year End Report 2021, prepared by SOLitude Lake Management for the City of Framingham.

This report summarizes water chestnut control efforts for the ponded section of the Sudbury River.

### **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:

The City is an active member of the Central Massachusetts Regional Stormwater Coalition (CMRSWC), the Massachusetts Statewide Municipal Stormwater Coalition, and the Massachusetts Coalition for Water Resources Stewardship (MCWRS). The City supports the Think Blue Massachusetts statewide stormwater awareness & education campaign.

The Metropolitan Area Planning Council (MAPC) awarded the City a FY21/22 Accelerating Climate Resilience grant to support design efforts for green infrastructure, solar and/or other climate resilient improvements at Waushakum Beach.

The Baker-Polito Administration announced Framingham as a recipient of an Environmental Protection Agency (EPA) 319 Clean Water Act grant which is administered by Massachusetts Department of Environmental Protection (DEP) to continue the design and construction of BMPs to reduce pollution from stormwater runoff discharging into Lake Waushakum.

The Massachusetts Executive Office for Energy and Environmental Affairs (EEA) awarded the City an FY'22 Municipal Vulnerability Preparedness (MVP) grant to support design of stream restoration and flood mitigation for a vulnerable neighborhood in Framingham (the Walnut Street neighborhood).

### **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:

The City continues to feel the effects from the COVID-19 pandemic. Focus has remained on essential direct services, while many stormwater related tasks aim to progress towards pre-pandemic service levels. The City has increased work loads, however has suffered significant turnover and staff shortages.

### **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:

## 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:	<input type="text" value="Charlie Sisitsky"/>	Title:	<input type="text" value="Mayor of Framingham"/>
Signature:	<input type="text" value="Handwritten Signature"/>	Date:	<input type="text" value="9/19/22"/>

*[Signatory may be a duly authorized representative]*