

Year 1 Annual Report

Massachusetts Small MS4 General Permit

Reporting Period: May 1, 2018-June 30, 2019

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.

Part I: Contact Information

Name of Municipality or Organization: Town of Plainville

EPA NPDES Permit Number: MAR041149

Primary MS4 Program Manager Contact Information

Name: Paul Scott

Title: Director of Public Works

Street Address Line 1: 29 West Bacon Street

Street Address Line 2: na

City: Plainville

State: MA

Zip Code: 02762

Email: pscott@plainville.ma.us

Phone Number: (508) 699-2071

Fax Number: na

Stormwater Management Program (SWMP) Information

SWMP Location (web address): https://www.plainville.ma.us/sites/plainvillema/files/pages/stormwater_management_program_swmp.pdf

Date SWMP was Last Updated: June 2019

If the SWMP is not available on the web please provide the physical address and an explanation of why it is not posted on the web:

Part II: Self Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4.

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 1 Requirements

- ☒ Develop and begin public education and outreach program
☒ Identify and develop inventory of all known locations where SSOs have discharged to the MS4 in the last 5 years
 - ☐ The SSO inventory is attached to the email submission
 - ☒ The SSO inventory can be found at the following website:
https://www.plainville.ma.us/sites/plainvillema/files/pages/illicit_discharge_detection_and_elimination_idde_plan.pdf
- ☒ Develop written IDDE plan including a procedure for screening and sampling outfalls
☐ IDDE ordinance complete
- ☒ Identify each outfall and interconnection discharging from MS4, classify into the relevant category, and priority rank each catchment for investigation
 - ☐ The priority ranking of outfalls/interconnections is attached to the email submission
 - ☒ The priority ranking of outfalls/interconnections can be found at the following website:
https://www.plainville.ma.us/sites/plainvillema/files/pages/illicit_discharge_detection_and_elimination_idde_plan.pdf
- ☐ Construction/ Erosion and Sediment Control (ESC) ordinance complete
☐ Develop written procedures for site inspections and enforcement of sediment and erosion control measures
☒ Develop written procedures for site plan review
☐ Keep a log of catch basins cleaned or inspected
☐ Complete inspection of all stormwater treatment structures

Annual Requirements

- ☐ Annual opportunity for public participation in review and implementation of SWMP
- ☒ Comply with State Public Notice requirements
- ☒ 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
- ☒ All curbed roadways have been swept a minimum of one time per year

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)Annual Requirements*Public Education and Outreach**

- ☒ Annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☒ Permittee or its agents disseminate educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- ☒ Provide 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)*

Phosphorus (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)Annual Requirements*Public Education and Outreach**

- ☒ Distribute an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release and phosphorus-free fertilizers
- ☒ Distribute an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- ☐ Distribute 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

- ☐ Increase 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 listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents shall be tracked and the permittee shall estimate the phosphorus

- ☐ removal by the BMP consistent with Attachment 1 to Appendix H. Document 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 in each annual report

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements*Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- ☒ Increase street sweeping frequency of all municipal owned streets and parking lots to a schedule to target areas with potential for high pollutant loads
- Prioritize inspection and maintenance for catch basins to ensure that no sump shall be more than 50
- ☒ percent full; Clean catch basins more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings

Use the box below to input additional details on any unchecked boxes above or any additional information you would like to share as part of your self assessment:

All Stormwater (& IDDE) Ordinance and Regulations to be presented at Spring Town meeting 2020

Logs for catchbasins cleaned not kept - catchbasin cleaning optimization to begin year 2

Inventory and inspection of Stormwater BMPs to begin year 2

IDDE training conducted September 17, 2019

Public Participation - SWMP was posted July 1 which did not allow for public participation for this reporting period

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:

In the SWMP, we have included the proposed Massachusetts Year 2016 additional impairments where they are more stringent than the 2014 listing:

Ten Mile River (MA52-01) - Other (Unspecified Metals) was clarified in the 2016 ILW

Ten Mile River (MA52-02) - Escherichia coli was added as an impairment in the 2016 ILW (WQLW) and

Other (Unspecified Metals) was clarified in the 2016 ILW

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 the reporting period: 15

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

BMP: Help Us Prevent Stormwater Pollution in Plainville

Message Description and Distribution Method:

This flyer/posting was designed to help residents consider their personal impact on Stormwater Pollution in Plainville

Targeted Audience: Residents

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that bacteria/Nutrients are put into the local waterbodies, and encourages residents to maintain their property for their own benefit as well as for the benefit of the stormwater system.

A General Stormwater flyer was distributed online, through social media and emailed to subscribers. 935 were emailed out, the Facebook post reached 283 individuals and the webpage has 35 views in the time it has been available. This flyer was available from October 25, 2018 to Present at the Department of Public Works and has been available online since October 25, 2018 and was reposted on February 4, 2019 and is still available through the Town Website Stormwater Page.

Message Date(s): February 4, 2019 & October 25, 2018

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: Pollution Prevention for Children

Message Description and Distribution Method:

This flyer/posting was designed for children to understand the importance of stormwater, and the many things that can affect it.

Targeted Audience: Residents/ Children

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that bacteria/Nutrients are put into the local waterbodies, and encourages residents, especially children to maintain their property for their own benefit as well as for the benefit of the stormwater system.

A General Stormwater flyer for children was distributed online and through email. 935 were emailed out and the webpage has 34 views in the time it has been available. This flyer was available from February 7, 2019 to Present at the Department of Public Works and has been available online since February 7, 2019 and is still available through the Town Website Stormwater Page.

Message Date(s): February 7, 2019

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: Pollution Prevention for Businesses

Message Description and Distribution Method:

This message aims to educate businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Businesses

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes several flyers for pollution prevention, cleaning and maintaining outdoor spaces, automotive repair shops, vehicle body repair and wash, nurseries and landscape industries, retail and food services, a guide for auto recyclers, and an employee training guide, with EPA fact sheets. This stormwater posting for was distributed online and through email. 935 were emailed out and the webpage has 216 views in the time it has been available. This flyer was available from November 5, 2018 to Present at the Department of Public Works and has been available online since November 5, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): November 5, 2018

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: Pollution Prevention for Residents

Message Description and Distribution Method:

This message aims to educate residents on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Residents

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages residents to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some background to the Clean Water Act as well as ways to get involved in Plainville.

This stormwater posting for was distributed online and emailed to subscribers. 935 were handed out and the webpage has 170 views in the time it has been available. This flyer was available from October 25, 2018 to Present at the Department of Public Works and has been available online since October 25, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): October 25, 2018

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: Pollution Prevention for Developers

Message Description and Distribution Method:

This message aims to educate developers on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Developers

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages Developers to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about Low Impact Development Practices as well as discussion of an EPA study. Additionally this post links to the State and Town, regulations and bylaws that developers must comply with for New or Re- development.

This stormwater posting for was distributed online and emailed out to subscribers. 935 were emailed out and the webpage has 17 views in the time it has been available. This flyer was available from February 4, 2019 to Present at the Department of Public Works and has been available online since February 4, 2019 and is still

available through the Town Website Stormwater Page.

Message Date(s): February 4, 2019

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: Pollution Prevention for Outdoor Areas

Message Description and Distribution Method:

This message aims to educate residents and businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Residents and Businesses

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages residents and businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities and some "Do's and Don'ts" such as Parking lots, dumpsters, sidewalks, staff areas, waste disposal etc. There is also a section that discusses staff training.

This stormwater posting for was distributed online and emailed to subscribers. 935 were emailed and the webpage has 39 views in the time it has been available. This flyer was available from December 3, 2018 to Present at the Department of Public Works and has been available online since December 3, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 3, 2018

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:Pollution Prevention for Automotive Repair Industries

Message Description and Distribution Method:

This message aims to educate automotive businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Automotive Reapair industries

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages automotive businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities and some "Do's and Don'ts" such as chemical waste disposal and storage, spill prevention, and shop cleaning procedures, recommended practices etc. There is also a section that discusses staff training. This stormwater posting for was distributed online and to email subscribers. 935 were handed out and the webpage has 13 views in the time it has been available. This flyer was available from December 11, 2018 to Present at the Department of Public Works and has been available online since December 11, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 11, 2018

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:Pollution Prevention for Nurseries and Landscape Industries

Message Description and Distribution Method:

This message aims to educate businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Businesses and Industries

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities and some "Do's and Don'ts" such as chemical waste disposal and storage, chemical application, recommended practices etc. There is also a section that discusses staff training. This stormwater posting for was distributed online and emailed to subscribers. 935 were emailed and the webpage has 14 views in the time it has been available. This flyer was available from December 11, 2018 to Present at the Department of Public Works and has been available online since December 11, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 11, 2018

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: Pollution Prevention for Retail and Food Services

Message Description and Distribution Method:

This message aims to educate food services and businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Businesses and Industries

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities and some "Do's and Don'ts" such as chemical waste disposal and storage, oil and grease disposal, cleaning practices, recommended practices etc. There is also a section that discusses staff training.

This stormwater posting for was distributed online and emailed to subscribers. 935 were emailed and the webpage has 17 views in the time it has been available. This flyer was available from December 11, 2018 to Present at the Department of Public Works and has been available online since December 11, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 11, 2018

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: Pollution Prevention for Residential and Office Cleaning Industries

Message Description and Distribution Method:

This message aims to educate businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Businesses and Industries

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities and some "Do's and Don'ts" such as chemical waste management, cleaning practices, recommended practices

etc. There is also a section that discusses staff training.

This stormwater posting for was distributed online and emailed to subscribers. 935 were emailed and the webpage has 10 views in the time it has been available. This flyer was available from December 11, 2019 to Present at the Department of Public Works and has been available online since December 11, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 11, 2018

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:Pollution Prevention for Construction Sites, Home Repairs and General Contractors

Message Description and Distribution Method:

This message aims to educate businesses on their impact on the stormwater system and address ways to mitigate it

Targeted Audience: Residents and Businesses

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages residents and businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities and some "Do's and Don'ts" such as waste and materials management/storage, vehicles, sediment control, recommended practices etc. There is also a section that discusses staff training.

This stormwater posting for was distributed online and emailed to subscribers. 935 were emailed and the webpage has 25 views in the time it has been available. This flyer was available from December 11, 2018 to Present at the Department of Public Works and has been available online since December 11, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 11, 2018

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:Pollution Prevention for Automotive Body Repair and Vehicle Washing Industries

Message Description and Distribution Method:

This message aims to educate businesses on their impact on the stormwater system & ways to mitigate it

Targeted Audience: Businesses and Industries

Responsible Department/Parties: SWMP Team and DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that pollution is put into the local waterbodies, and encourages residents and businesses to maintain their property for their own benefit as well as for the benefit of the stormwater system. This posting includes some information about many different types of outdoor facilities, some "Do's and Don'ts" such as Chemical and waste storage areas, body repair & painting areas, vehicle washing, sediment control, recommended practices etc, as well as a section discussing staff training. This stormwater posting for was distributed online and emailed to subscribers. 935 were emailed out and the webpage has 18 views in the time it has been available. This flyer was available from December 11, 2018 to Present at the Department of Public Works and has been available online since December 11, 2018 and is still available through the Town Website Stormwater Page.

Message Date(s): December 11, 2018

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:Maintaining Your Septic System

Message Description and Distribution Method:

This flyer/posting details septic system care, as well as benefits of doing so.

Targeted Audience: Residents

Responsible Department/Parties: SWMP Team / DPW

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that bacteria are put into the local waterbodies through septic systems, and encourages residents to maintain their systems for their own benefit as well as for the benefit of the stormwater system.

A Septic System flyer was distributed online and emailed to subscribers. 935 were emailed and the webpage has 27 views in the time it has been available. This flyer was available from February 13, 2019 to Present at the Department of Public Works and has been available online since February 13, 2019 and is still available through the Town Website Stormwater Page

Message Date(s): February 13, 2019

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:Understanding Stormwater

Message Description and Distribution Method:

This message discusses pollution, stormwater runoff, and 10 tips to prevent stormwater runoff pollution

Targeted Audience: Residents

Responsible Department/Parties: DPW and SWMP Team

Measurable Goal(s):

This flyer/posting addresses and targets some of the ways that bacteria are put into the local waterbodies through septic systems, and encourages residents to maintain their systems for their own benefit as well as for the benefit of the stormwater system.

The Understanding Stormwater flyer was distributed online and to email subscribers. 935 were emailed and the webpage has 13 views in the time it has been available. This flyer was available from February 13, 2019 to Present at the Department of Public Works and has been available online since February 13, 2019 and is still available through the Town Website Stormwater Page

Message Date(s): February 7, 2019

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

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

If yes, describe why the change was made:

BMP:Stormwater Crossword Puzzle

Message Description and Distribution Method:

This message is aimed at children in order to make learning about stormwater more fun and appealing

Targeted Audience: Residents - Children

Responsible Department/Parties: DPW and SWMP Team

Measurable Goal(s):

This flyer/posting encourages residents, especially children to engage in stormwater education and learn more about it.

The Stormwater Crossword Puzzle was distributed online and emailed to subscribers. 935 were emailed and the webpage has 34 views in the time it has been available. This flyer was available from February 13, 2019 to Present at the Department of Public Works and has been available online since February 13, 2019 and is still

available through the Town Website Stormwater Page

Message Date(s): February 19, 2019

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:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

BMP:[Message name here]

Message Description and Distribution Method:

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:

Add an Educational Message

MCM2: Public Participation

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

The SWMP is up on the website however there was no public involvement due to the lateness of completing the program - the public can now review and comment on the posted SWMP.

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

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

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

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:

Below, report on the total number of SSOs identified in the MS4 system and removed to date. At a minimum, report SSOs identified since 2013.

Total number of SSOs identified:

Total number of SSOs removed:

MS4 System Mapping

Describe the status of your MS4 map, including any progress made during the reporting period:

The map included in the IDDE is up to date based on currently available information. The system map will continue to be maintained and updated as the Town gains more information.

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.

- ☐ The outfall screening data is attached to the email submission
- ☒ The outfall screening data can be found at the following website:

No outfall screening data at this time

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

Number of outfalls screened: 0

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

Percent of total outfalls screened: 0

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.

- ☐ The catchment investigation data is attached to the email submission
- ☐ The catchment investigation data can be found at the following website:

No catchment investigation at this time

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

Number of catchment investigations completed this reporting period: 0

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

Percent of total catchments investigated: 0

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

The Town of Plainville plans to complete both the Catchment investigation and the Outfall screening in compliance with the EPA MS4 ordinance, but have not begun to do so at this time.

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.

- ☐ The illicit discharge removal report is attached to the email submission
- ☒ The illicit discharge removal report can be found at the following website:

No illicit discharge removal during this reporting period

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: 0

Number of illicit discharges removed: NA

Estimated volume of sewage removed: NA [UNITS]

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.

Total number of illicit discharges identified: 0

Total number of illicit discharges removed: NA

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

The Town of Plainville plans to complete both the IDDE screening in compliance with the EPA MS4 ordinance, but have not begun to do so at this time.

Employee Training

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

First IDDE training to be conducted in September 2019

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: 13

Number of inspections completed: 25

Number of enforcement actions taken: 0

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

Ordinance Development

Describe the status of the post-construction ordinance required to be complete in year 2 of the permit term:

To be completed by year 2

As-built Drawings

Describe the status of the measures the MS4 has utilized to require the submission of as-built drawings and ensure long term operation and maintenance of completed construction sites required to be complete in year 2 of the permit term:

To be completed by year 2

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:

To be completed by year 4

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:

To be completed by year 4

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:

To be completed by year 4

MCM6: Good Housekeeping

Catch Basin Cleaning

Describe the status of the catch basin cleaning optimization plan:

For 2 consecutive years catchbasins to be inspected and cleaned - optimization to adjust schedule as noted in S

If complete, attach the catch basin cleaning optimization plan or the schedule to gather information to develop the optimization plan:

- ☐ The catch basin cleaning optimization plan or schedule is attached to the email submission
- ☒ The catch basin cleaning optimization plan or schedule can be found at the following website:

https://www.plainville.ma.us/sites/plainvillema/files/pages/good_housekeeping_and_pollution_prevention.pdf

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: 920

Number of catch basins cleaned: 920

Total volume or mass of material removed from all catch basins: 208 cu. yds.

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

Total number of catch basins: 920

If applicable:

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

Catch basins greater than 50% full to be cleaned twice per year

Street Sweeping

Describe the status of the written procedures for sweeping streets and municipal-owned lots:

As described in the IDDE plan all streets are to be swept annually at the end of the Spring.

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

☒ Number of miles cleaned: 50

☐ Volume of material removed: [UNITS]

☐ Weight of material removed: [UNITS]

If applicable:

For rural uncurbed roadways with no catch basins, describe the progress of the inspection, documentation, and targeted sweeping plan:

Streets are swept annually

Winter Road Maintenance

Describe the status of the written procedures for winter road maintenance including the storage of salt and sand:

Winter roads will be plowed and maintained in accordance with the winter road maintenance procedure as laid out in the SWMP. The SWMP contains procedures for materials storage, materials used, snow disposal etc.

Inventory of Permittee-Owned Properties

Describe the status of the inventory, due in year 2 of the permit term, of permittee-owned properties, including parks and open spaces, buildings and facilities, and vehicles and equipment, and include any updates:

To be completed by year 2

O&M Procedures for Parks and Open Spaces, Buildings and Facilities, and Vehicles and Equipment

Describe the status of the operation and maintenance procedures, due in year 2 of the permit term, of permittee-owned properties (parks and open spaces, buildings and facilities, vehicles and equipment) and include maintenance activities associated with each:

To be completed by year 2

Stormwater Pollution Prevention Plan (SWPPP)

Describe the status of any SWPPP, due in year 2 of the permit term, for permittee-owned or operated facilities including maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater:

To be completed by year 2

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:

O&M Procedures for Stormwater Treatment Structures

Describe the status of the written procedure for stormwater treatment structure maintenance:

Inspection and maintenance forms included in appendix of 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:

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 2 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree ☒

- Complete system mapping Phase I
- Begin investigations of catchments associated with Problem Outfalls
- Develop or modify an ordinance or other regulatory mechanism for post-construction stormwater runoff from new development and redevelopment
- Establish and implement written procedures to require the submission of as-built drawings no later than two years after the completion of construction projects
- Develop, if not already developed, written operations and maintenance procedures
- Develop an inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; review annually and update as necessary
- Establish a written program detailing the activities and procedures the permittee will implement so that the MS4 infrastructure is maintained in a timely manner
- Develop and implement a written SWPPP for maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater
- Enclose or cover storage piles of salt or piles containing salt used for deicing or other purposes
- Develop, if not already developed, written procedures for sweeping streets and municipal-owned lots
- Develop, if not already developed, written procedures for winter road maintenance including storage of salt and sand
- Develop, if not already developed, a schedule for catch basin cleaning
- Develop, if not already developed, a written procedure for stormwater treatment structure maintenance
- Develop a written catchment investigation procedure (*18 months*)

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 in the last 5 years
- 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 uncurbed streets at least annually

Provide any additional details on activities planned for permit year 2 below:

Part V: Certification of Small MS4 Annual Report 2019**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:

Jennifer Thompson

Title:

Town Administrator

Signature:

Jennifer Thompson

*[Signatory may be a duly authorized
representative]*

Date:

9/26/19