

Stormwater Management Program (SWMP)

Braintree

1 John F Kennedy Memorial Drive, Braintree MA 02184

EPA NPDES Permit Number MAR041029

Certification

Authorized Representative (Optional): All reports, including SWPPPs, inspection reports, annual reports, monitoring reports, reports on training and other information required by this permit must be signed by a person described in Appendix B, Subsection 11.A or by a duly authorized representative of that person in accordance with Appendix B, Subsection 11.B. If there is an authorized representative to sign MS4 reports, there must be a signed and dated written authorization.

The authorization letter is:

Attached to this document (document name listed below)

Publicly available at the website below

"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 gathered and evaluated 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, 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."

Printed Name Charles C. Kokoros

Signature

Charles C. Kokoros

Date 7-2-2020

[Click Here for Revisions](#)

Background

Stormwater Regulation

The Stormwater Phase II Final Rule was promulgated in 1999 and was the next step after the 1987 Phase I Rule in EPA's effort to preserve, protect, and improve the Nation's water resources from polluted stormwater runoff. The Phase II program expands the Phase I program by requiring additional operators of MS4s in urbanized areas and operators of small construction sites, through the use of NPDES permits, to implement programs and practices to control polluted stormwater runoff. Phase II is intended to further reduce adverse impacts to water quality and aquatic habitat by instituting the use of controls on the unregulated sources of stormwater discharges that have the greatest likelihood of causing continued environmental degradation. Under the Phase II rule all MS4s with stormwater discharges from Census designated Urbanized Area are required to seek NPDES permit coverage for those stormwater discharges.

Permit Program Background

On May 1, 2003, EPA Region 1 issued its Final General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (2003 small MS4 permit) consistent with the Phase II rule. The 2003 small MS4 permit covered "traditional" (i.e., cities and towns) and "non-traditional" (i.e., Federal and state agencies) MS4 Operators located in the states of Massachusetts and New Hampshire. This permit expired on May 1, 2008 but remained in effect until operators were authorized under the 2016 MS4 general permit, which became effective on July 1, 2018.

Stormwater Management Program (SWMP)

The SWMP describes and details the activities and measures that will be implemented to meet the terms and conditions of the permit. The SWMP accurately describes the permittees plans and activities. The document should be updated and/or modified during the permit term as the permittee's activities are modified, changed or updated to meet permit conditions during the permit term. The main elements of the stormwater management program are (1) a public education program in order to affect public behavior causing stormwater pollution, (2) an opportunity for the public to participate and provide comments on the stormwater program (3) a program to effectively find and eliminate illicit discharges within the MS4 (4) a program to effectively control construction site stormwater discharges to the MS4 (5) a program to ensure that stormwater from development projects entering the MS4 is adequately controlled by the construction of stormwater controls, and (6) a good housekeeping program to ensure that stormwater pollution sources on municipal properties and from municipal operations are minimized.

Town Specific MS4 Background (optional)

Small MS4 Authorization

The NOI was submitted on

The NOI can be found at the following (document name or web address):

Authorization to Discharge was granted on

The Authorization Letter can be found (document name or web address):

Stormwater Management Program Team

SWMP Team Coordinator

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SWMP Team

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Responsibilities	<input type="text" value="MCM1, MCM2, MCM4, MCM5"/>		

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Receiving Waters

The following table lists all receiving waters, impairments and number of outfalls discharging to each waterbody segment.

OR

The information can be found in the following document or at the following web address:

<https://braintree.ma.gov/DocumentCenter/View/3886/Braintree-Final-Notice-of-Intent---September-2018?bidId=>

Waterbody segment that receives flow from the MS4	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/DO Saturation	Nitrogen	Oil & Grease/PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
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Eligibility: Endangered Species and Historic Properties

*Reminder: The proper consultations and updates to the SWMP must be conducted for construction projects related to your permit compliance where Construction General Permit (CGP) coverage, which requires its own endangered species and history preservation determination, is NOT being obtained.

Attachments:

- The results of Appendix C U.S. Fish and Wildlife Service endangered species screening determination
- The results of the Appendix D historic property screening investigations
- If applicable, any documents from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO), or other Tribal representative to mitigate effects

These attachments are required within one year of the permit effective date and are:

- Attached to this document (document names listed below)

- Publicly available at the website listed below

Under what criterion did permittee determine eligibility for ESA?

- Criterion A Criterion B Criterion C

Under what criterion did permittee determine eligibility for Historic Properties?

- Criterion A Criterion B Criterion C

Below add any additional measures for structural controls that you're required to do through consultation with U.S. Fish and Wildlife Service (if applicable):

Below add any additional measures taken to avoid or minimize adverse impacts on places listed, or eligible for listing, on the NRHP, including any conditions imposed by the SHPO or THPO (if applicable):

MCM 1

Public Education and Outreach

Permit Part 2.3.2

Objective: The permittee shall implement an education program that includes educational goals based on stormwater issues of significance within the MS4 area. The ultimate objective of a public education program is to increase knowledge and change behavior of the public so that the pollutants in stormwater are reduced.

Examples and Templates:

[EPA's Stormwater Education Toolbox](#)

[MassDEP's Stormwater Outreach Materials](#)

Other templates relevant to MCM 1 can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#peo>

BMP:Stormwater Pollution Prevention Guide

BMP Number (Optional) MCM1-1

Document Name and/or Web Address: What is stormwater and why is it important?

Description:

Brochure including tips on what residents can do to help mitigate stormwater pollution (e.g., picking up pet waste, stormwater-friendly lawn care practices, car maintenance, etc.) and background on the importance of stormwater management

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track quantities of brochures distributed at community events and in town buildings each year

Message Date(s): Permit Years 1 through 5

BMP:Managing Pet Waste

BMP Number (Optional) MCM1-2

Document Name and/or Web Address: Dog Waste and Surface Water Quality

Description:

Brochure describing the negative impacts of pet waste on Braintree's water quality and the importance of proper pet waste management

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track quantities of brochures distributed at community events, in town buildings, and by Town Clerk's office to residents applying for or renewing dog licenses each year

Message Date(s): Permit Years 1 through 5

BMP:Newspaper Articles and Press Releases

BMP Number (Optional) MCM1-3

Document Name and/or Web Address: <https://braintree.ma.gov/874/Projects-and-Community-Events>

Description:

Publications in local newspapers and newsletters pertaining to stormwater management goals and public participation opportunities

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track readership of various publications and number of hits to PR section of Stormwater website each year

Message Date(s): Permit Years 1 through 5

BMP:School Curriculum

BMP Number (Optional) MCM1-4

Document Name and/or Web Address: N/A

Description:

Work with Braintree schools to develop stormwater curriculum and present to classrooms about stormwater pollution; include demonstration BMPs in school construction projects

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of presentations given, classes and/or students reached, and teachers using the curriculum each year

Message Date(s): Permit Years 1 through 5

BMP:Partner with Local Organizations

BMP Number (Optional) MCM1-5

Document Name and/or Web Address: N/A

Description:

Work with Fore River Stormwater Partnership, Sustainable Braintree, Braintree Farmers' Market, East Braintree Civic Association, Statewide Stormwater Coalition, Boy Scouts, Chamber of Commerce, Rotary

Club, and others on stormwater related issues and projects

Targeted Audience: Residents, Businesses, Institutions, Industrial Facilities, Developers

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of meetings attended, events held, and/or projects completed each year

Message Date(s): Permit Years 1 through 5

BMP:Stormwater BMPs for Businesses

BMP Number (Optional) MCM1-6

Document Name and/or Web Address: <https://braintree.ma.gov/849/Businesses>

Description:

Includes best management practices for waste and material storage, indoor and outdoor cleaning, chemical spills, snow and ice removal, stormwater-friendly landscaping and irrigation practices

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of website hits each year

Message Date(s): Permit Years 1 through 5

BMP:Stormwater Management & Pollution Prevention Brochure

BMP Number (Optional) MCM1-7

Document Name and/or Web Address: N/A

Description:

Includes best management practices for waste and material storage, indoor and outdoor cleaning, chemical spills, snow and ice removal, stormwater-friendly landscaping and irrigation practices; shall be distributed to all Braintree businesses, institutions, and commercial facilities on annual basis

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of brochures distributed each year

Message Date(s): Permit Years 3 through 5

BMP:Stormwater BMPs for Developers

BMP Number (Optional) MCM1-8

Document Name and/or Web Address: <https://braintreema.gov/850/Developers>

Description:

Includes information about NPDES Construction General Permit, links to developer-specific stormwater management literature from EPA and DCR, and LID fact sheets

Targeted Audience: Developers (construction)

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of website hits each year

Message Date(s): Permit Years 1 through 5

BMP:Stormwater Runoff Reduction & Low Impact Construction Brochure

BMP Number (Optional) MCM1-9

Document Name and/or Web Address: N/A

Description:

Includes information on what developers can do to reduce stormwater runoff on construction sites, LID implementation, and statewide stormwater standards for construction projects

Targeted Audience: Developers (construction)

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of brochures distributed each year

Message Date(s): Permit Years 2 through 5

BMP: Stormwater BMPs for Industries

BMP Number (Optional) MCM1-10

Document Name and/or Web Address: <https://braintreema.gov/851/Industrial-Operations>

Description:

Includes information about industrial SWPPPs, salt storage, employee training protocol, spill prevention and response procedure, erosion and dust control, runoff management, and illicit discharge detection/elimination

Targeted Audience: Industrial facilities

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of website hits each year

Message Date(s): Permit Years 1 through 5

BMP: Stormwater Pollution Prevention Brochure

BMP Number (Optional) MCM1-11

Document Name and/or Web Address: N/A

Description:

Includes information on what industries can do to reduce or eliminate the exposure of industrial operations to rainfall and runoff

Targeted Audience: Industrial facilities

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of brochures distributed each year

Message Date(s): Permit Years 3 through 5

Add BMP

MCM 2
Public Involvement and Participation
Permit Part 2.3.3

Objective: The permittee shall provide opportunities to engage the public to participate in the review and implementation of the permittee's SWMP.

BMP: Public Review of Stormwater Management Program

BMP Number (Optional) MCM2-1

Location of Plan and/or Web Address:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Public Participation in Stormwater Management Program Development

BMP Number (Optional) MCM2-2

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Household Hazardous Waste Day

BMP Number (Optional) MCM2-3

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Shoreline Cleanups

BMP Number (Optional) MCM2-4

Document Name and/or Web Address: N/A

Description:

Organize public cleanups of rivers, lakes, and coastline at least once each year

Responsible Department/Parties: DPW Operations, Stormwater Division

Measurable Goal(s):

Track number of cleanups and participants each year

BMP: Interdepartmental Coordination

BMP Number (Optional) MCM2-5

Document Name and/or Web Address: N/A

Description:

Coordinate with Engineering, Water & Sewer, Planning & Community Development, and Conservation Commission to work toward MS4 compliance

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Track number of coordination meetings held each year

BMP: Rain Barrel Distribution

BMP Number (Optional) MCM2-6

Document Name and/or Web Address: <https://braintreema.gov/874/Projects-and-Community-Events>

Description:

Partner with local rain barrel supplier to host community distribution program each spring

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of rain barrels sold each year

BMP: Tabling at Community Events

BMP Number (Optional) MCM2-7

Document Name and/or Web Address: <https://braintreema.gov/874/Projects-and-Community-Events>

Description:

Distribute stormwater literature and interact with residents at community events

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Track number of community events attended and amount of literature distributed each year

Add BMP

MCM 3

Illicit Discharge Detection and Elimination (IDDE) Program

Permit Part 2.3.4

Objective: The permittee shall implement an IDDE program to systematically find and eliminate illicit sources of non-stormwater discharges to its municipal separate storm sewer system and implement procedures to prevent such discharges.

Examples and Templates:

[IDDE Program Template and SOPs](#)

Other templates relevant to IDDE can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#idde>

BMP: IDDE Legal Authority

BMP Number (Optional) MCM3 - 1

Completed (by May 1, 2008)

Ordinances Link or Reference: <https://braintree.ma.gov/847/Ordinance-Regulations>

Department Responsible for Enforcement: DPW - Stormwater Division

BMP: Sanitary Sewer Overflow (SSO) Inventory

BMP Number (Optional) MCM3 - 2

Completed (by year 1)

Document Name and/or Web Address: <https://braintree.ma.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Update existing SSO inventory annually in accordance with permit requirements

Responsible Department/Parties: Stormwater Division with input from Water and Sewer Division

Measurable Goal(s):

Annually track and report the following SSO information: the location; a clear statement of whether the discharge entered a surface water directly or entered the MS4; date(s) and time(s) of each known SSO occurrence; estimated volume(s) of the occurrence; description of the occurrence indicating known or suspected cause(s); mitigation and corrective measures completed with dates implemented; and mitigation and corrective measures planned with implementation schedules. Update inventory as needed.

SSO Reporting:

In the event of an overflow or bypass, a notification must be reported within 24 hours by phone to MassDEP, EPA, and other relevant parties. Follow up the verbal notification with a written report following MassDEP's Sanitary Sewer Overflow (SSO)/Bypass notification form within 5 calendar days of the time you become aware of the overflow, bypass, or backup.

<p>The MassDEP contacts are: David Burns Southeast Region (508) 946-2738 20 Riverside Drive Lakeville, MA 02347</p>	<p>The EPA contacts are: David Turin EPA New England (617) 918-1598 Mail Code OES04-3 5 Post Office Square - Suite 100 Boston, MA 02109-3912</p>
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BMP: Map of Storm Sewer System

BMP Number (Optional) MCM3 - 3

Phase I Completed
(by year 2)

Phase II Completed
(by year 10)

Document Location and/or Web Address: https://braintreema.gov/DocumentCenter/View/4302/Drainage-with-Catchment-Boundaries-Map?bidId=

Description:

Create map and update during IDDE program completion

Responsible Department/Parties: Engineering, GIS

Measurable Goal(s):

Map 100% of outfalls and receiving waters, open channel conveyances, interconnections with other MS4s and other storm sewer systems, municipally-owned stormwater treatment structures, waterbodies identified by name and indication of all use impairments, and initial catchment delineations within 2 years of the permit's effective date. Map 100% of outfall spatial locations, pipes, manholes, catch basins, refined catchment delineations, municipal sanitary sewer system (if available), and municipal combined sewer system (if applicable) within 10 years of the permit's effective date.

BMP: IDDE Program

BMP Number (Optional) MCM3 - 4

Written Document Completed (by year 1)

Document Name and/or Web Address: https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS

Description:

Develop and implement IDDE program

Responsible Department/Parties: External contractor, Stormwater Division

Measurable Goal(s):

Conduct 100% of outfall screening on High and Low Priority Outfalls within 3 years of the permit's effective date. Complete catchment investigations for 100% of the Problem Outfalls within 7 years of the permit's effective date. Complete 100% of all catchment investigations within 10 years of the permit's effective date.

The outfall/interconnection inventory and initial ranking and the dry weather outfall and interconnection screening and sampling results can be found:

at website address above

BMP: Employee Training

BMP Number (Optional) MCM3 - 5

Description:

Train employees on IDDE implementation

Responsible Department/Parties: Stormwater Division/external contractor

Measurable Goal(s):

Training occurs on (DATE(S)) annually.

BMP: [BMP name here]

BMP Number (Optional) _____

Completed

Document Name and/or Web Address: _____

Description:

Responsible Department/Parties: _____

Measurable Goal(s):

Add BMP

MCM 4

Construction Site Stormwater Runoff Control

Permit Part 2.3.5

Objective: The objective of an effective construction stormwater runoff control program is to minimize or eliminate erosion and maintain sediment on site so that it is not transported in stormwater and allowed to discharge to a water of the U.S. through the permittee's MS4.

Examples and Templates:

Examples and templates relevant to MCM 4, including model ordinances and site inspection templates, can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#csrc>

BMP: Sediment and Erosion Control Ordinance

BMP Number (Optional) MCM4 - 1

Completed (by May 1, 2008)

Ordinances Link or Reference: <https://braintreema.gov/847/Ordinance-Regulations, Ch. 135>

Department Responsible for Enforcement: DPW - Stormwater Division, Planning and Community Dev.

BMP: Site Plan Review Procedures

BMP Number (Optional) MCM4 - 2

Written procedures completed (by year 1)

Document Name and/or Web Address: <https://braintreema.gov/847/Ordinance-Regulations, Chapter 135>

Description:

Written procedures for stormwater management permit process and site plan review and begin implementation

Responsible Department/Parties: DPW - Stormwater Division, Planning and Community Dev.

Measurable Goal(s):

Conduct site plan review of 100% of projects according to the procedures outlined above.

BMP: Site Inspections and Enforcement of Sediment and Erosion Control Measures Procedures

BMP Number (Optional) MCM4 - 3

Completed (by year 1)

Document Name and/or Web Address: <https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Complete written procedures of site inspections and enforcement procedures

Responsible Department/Parties: DPW - Stormwater Division

Measurable Goal(s):

Inspect 100% of construction sites as outlined in the above document and take enforcement actions as needed.

BMP: Waste Control

BMP Number (Optional) MCM4 - 4

Completed

Document Name and/or Web Address: <https://braintreema.gov/847/Ordinance-Regulations>

Description:

Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

Update regulations

Add BMP

MCM 5

Post Construction Stormwater Management in New Development and Redevelopment

Permit Part 2.3.6

Objective: The objective of an effective post construction stormwater management program is to reduce the discharge of pollutants found in stormwater to the MS4 through the retention or treatment of stormwater after construction on new or redeveloped sites and to ensure proper maintenance of installed stormwater controls.

Examples and Templates:

Examples and templates relevant to MCM 5, including model ordinances and bylaw review templates and guidance can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#pcsm>

BMP: Post-Construction Ordinance

BMP Number (Optional) MCM5 - 1

Completed (by year 2)

Town Ordinances Link or Reference: <https://braintreema.gov/847/Ordinance-Regulations>

Department Responsible for Enforcement: DPW - Stormwater Division

BMP: Street Design and Parking Lot Guidelines Report

BMP Number (Optional) MCM5 - 2

Completed (by year 4)

Document Name and/or Web Address: N/A

Description:

Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.

Responsible Department/Parties: Planning Department/Engineering

Measurable Goal(s):

Recommendations are implemented by (DATE) with progress reported annually.

BMP: Green Infrastructure Report

BMP Number (Optional) MCM5 - 3

Completed (by year 4)

Document Name and/or Web Address: N/A

Description:

Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist

Responsible Department/Parties: Planning Department

Measurable Goal(s):

Recommendations are implemented by (DATE) with progress reported annually.

BMP: List of Municipal Retrofit Opportunities

BMP Number (Optional) MCM5 - 4

Completed (by year 4)

Document Name and/or Web Address: N/A

Description:

Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually

Responsible Department/Parties: DPW - Stormwater Division/Engineering

Measurable Goal(s):

The list is completed by (DATE) and updated as needed.

BMP: [BMP name here]

BMP Number (Optional) _____

Completed

Document Name and/or Web Address: _____

Description:

Responsible Department/Parties: _____

Measurable Goal(s):

Add BMP

MCM 6

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

Permit Part 2.3.7

Objective: The permittee shall implement an operations and maintenance program for permittee-owned operations that has a goal of preventing or reducing pollutant runoff and protecting water quality from all permittee-owned operations.

Examples and Templates:

Examples and templates relevant to MCM 6, including SOP templates for catch basin cleaning, street sweeping, vehicle maintenance, parks and open space management, winter deicing, and Stormwater Pollution Prevention Plans can be found here: <https://www.epa.gov/npdes-permits/stormwater-tools-new-england#gh>

PERMITTEE OWNED FACILITIES

BMP: Parks and Open Spaces Operations and Maintenance Procedures

BMP Number (Optional) MCM6 -1

Written Document Completed (by year 2)

Document Name and/or Web Address: https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS

Description:

Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces

Responsible Department/Parties: DPW - Stormwater Division, Parks and Grounds

Measurable Goal(s):

Implement the SOP listed above on 100% of the parks and open spaces.

Properties List (Optional):

BMP: Buildings and Facilities Operations and Maintenance Procedures

BMP Number (Optional) MCM6 - 2

Written Document Completed (by year 2)

Document Name and/or Web Address: https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS

Description:

Create written O&M procedures including all requirements contained in 2.3.7.a.ii for buildings and facilities

Responsible Department/Parties: DPW - Stormwater Division, Facilities

Measurable Goal(s):

Implement the SOP listed above on 100% of buildings and facilities.

Properties List (Optional):

BMP: Vehicles and Equipment Operations and Maintenance Procedures

BMP Number (Optional) MCM6 - 3

Written Document Completed (by year 2)

Document Name and/or Web Address:

<https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Create written O&M procedures including all requirements contained in 2.3.7.a.ii for vehicles and equipment

Responsible Department/Parties: DPW - Highway, Stormwater Division

Measurable Goal(s):

Implement the SOP listed above for 100% of vehicles and equipment according to the above document.

Properties List (Optional):

INFRASTRUCTURE

BMP: Infrastructure Operations and Maintenance Procedures

BMP Number (Optional) MCM6 - 4

Written Procedure Completed (by year 2)

Document Name and/or Web Address:

<https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Establish and implement program for repair and rehabilitation of MS4 infrastructure

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

100% of infrastructure is maintained to ensure proper function in accordance with the procedures above.

BMP: Catch Basin Cleaning Program

BMP Number (Optional) MCM6 - 5

Written Procedure Completed (by year 1)

Document Name and/or Web Address:

<https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean

catch basins on that schedule

Responsible Department/Parties: DPW - Highway Division

Measurable Goal(s):

All catch basins are cleaned in accordance to the document above such that no catch basin is more than 50% full at any given time.

BMP: Street Sweeping Program

BMP Number (Optional) MCM6 - 6

Written Procedure Completed (by year 1)

Document Name and/or Web Address:

<https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Sweep all streets and permittee-owned parking lots in accordance with permit conditions

Responsible Department/Parties: DPW - Highway Division

Measurable Goal(s):

Annually sweep 100% of all streets and 50% of all municipal parking lots in accordance with the schedule listed above.

BMP: Winter Road Maintenance Program

BMP Number (Optional) MCM6 - 7

Written Procedure Completed (by year 1)

Document Name and/or Web Address:

<https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Establish and implement a program to minimize the use of road salt

Responsible Department/Parties: DPW - Highway Division

Measurable Goal(s):

Evaluate at least one salt/chloride alternative for use in the municipality.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

BMP Number (Optional) MCM6 - 8

Completed (by year 1)

Document Name and/or Web Address: <https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Establish and implement inspection and maintenance procedures and frequencies

Responsible Department/Parties: DPW - Highway Division

Measurable Goal(s):

Inspect and maintain 100% of treatment structures to ensure proper function.

BMP: SWPPP

BMP Number (Optional) MCM6 - 9

Completed (by year 2)

Document Name and/or Web Address: <https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Description:

Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities

Responsible Department/Parties: Stormwater Division

Measurable Goal(s):

Develop and implement SWPPPs for 100% of facilities.

BMP:

BMP Number (Optional) _____

Completed

Document Name and/or Web Address: _____

Description:

Responsible Department/Parties: _____

Measurable Goal(s):

Add BMP

Annual Evaluation

Year 1 Annual Report

Document Name and/or Web Address:

Year 1 Annual Report - <https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Year 2 Annual Report

Document Name and/or Web Address:

Year 2 Annual Report - <https://braintreema.gov/852/Municipal-Separate-Storm-Sewer-System-MS>

Year 3 Annual Report

Document Name and/or Web Address:

Year 4 Annual Report

Document Name and/or Web Address:

Year 5 Annual Report

Document Name and/or Web Address:

Year X Annual Report

Document Name and/or Web Address:

Add a Year

TMDLs and Water Quality Limited Waters

Select the applicable Impairment(s) and/or TMDL(s).

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 and Pathogen Metals Nitrogen Phosphorus

Clear Impairments and TMDLs

Bacteria/Pathogens

Combination of Impaired Waters Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies)	TMDL Name (if applicable)	Add/Delete Row
Cochato River (MA74-06)	Final Pathogen TMDL for the Boston Harbor, Weymouth-Weir, and Mystic Watersheds	<input type="checkbox"/> + <input type="checkbox"/> -
Farm River (MA74-07)	Final Pathogen TMDL for the Boston Harbor, Weymouth-Weir, and Mystic Watersheds	<input type="checkbox"/> + <input type="checkbox"/> -
Monatiquot River (MA74-08)	Final Pathogen TMDL for the Boston Harbor, Weymouth-Weir, and Mystic Watersheds	<input type="checkbox"/> + <input type="checkbox"/> -
Town Brook (MA74-09)	Final Pathogen TMDL for the Boston Harbor, Weymouth-Weir, and Mystic Watersheds	<input type="checkbox"/> + <input type="checkbox"/> -
Weymouth Fore River (MA74-14)	Final Pathogen TMDL for the Boston Harbor, Weymouth-Weir, and Mystic Watersheds	<input type="checkbox"/> + <input type="checkbox"/> -

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

All outfalls discharging directly to pathogen-impaired waterbodies will be ranked as High Priority or Problem

Public Education and Outreach

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

Annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

MCM1 - Residents
MCM1-2

Permittee or its agents disseminate educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

MCM1 - Residents
MCM1-2

Provide information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria

The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

MCM1 - Residents