

Stormwater Management Program (SWMP)

EPA NPDES Permit Number

Page 1

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

Signature Date

Page 2

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)

Page 3

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):

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Stormwater Management Program

Team

SWMP Team Coordinator

Name

Phone Number

Department

Email

Title

Responsibilities

Title

SWMP Team

Name

Phone Number Email

Department

Responsibilities

Phone Number

Name Title

Email

Department

Responsibilities
Phone Number
Name Title
Email
Department
Responsibilities
Page 5
Phone Number
Name Title
Email
Department
Responsibilities
Phone Number
Name Title
Email
Department
Responsibilities
Page 6

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:

Waterbody segment that receives flow from the MS4

Number of outfalls into receiving water segment

Chloride

Oxygen/

DO Saturation

Nitrogen & Grease/

PAH

Phosphorus/ sTSS/

Turbidity

E. coli fecal coliform

Other pollutant(s) causing impairments

Page 7

Waterbody segment that receives flow from the MS4

Number of outfalls into receiving water segment

Chloride
Dissolved Oxygen

Oxygen/

DO Saturation

Nitrogen & Grease/

PAH

Phosphorus / TSS/

Turbidity

E. coli

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 B

Under what criterion did permittee determine eligibility for Historic Properties?

Criterion A Criterion B Criterion C

Criterion A Criterion C Criterion D (NH only)

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>

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BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Page 11

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Page 12

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Page 13

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Page 14

Message Date(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

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.

Page 16

BMP Number (Optional)

BMP: Public Review of Stormwater Management Program

Location of Plan and/or Web Address:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional)

BMP: Public Participation in Stormwater Management Program Development

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional)

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

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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>

Page 19

BMP Number (Optional) Completed (by May 1, 2008)

BMP: IDDE Legal Authority

Ordinances Link or Reference:

Department Responsible for Enforcement:

BMP Number (Optional) Completed (by year 1)

BMP: Sanitary Sewer Overflow (SSO) Inventory

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

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.

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Phase I Completed

BMP Number (Optional) (by year 2)

BMP: Map of Storm Sewer System

Phase II Completed

(by year 10)

Document Location and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Written Document Completed (by year 1)

BMP: IDDE Program

Document Name and/or Web Address:

Description:

Page 21

Responsible Department/Parties:

Measurable Goal(s):

The outfall/interconnection inventory and initial ranking and the dry weather outfall and

interconnection screening and sampling results can be found:

BMP Number (Optional)

BMP: Employee Training

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

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BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Page 23

Measurable Goal(s):

BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

MCM 4

Construction Site Stormwater Runoff Control

Permit Part 2.3.5

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/npdespermits/stormwater-tools-new-england#csrc>

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.

Page 25

BMP Number (Optional) Completed (by May 1, 2008)

BMP: Sediment and Erosion Control Ordinance

Ordinances Link or Reference:

Department Responsible for Enforcement:

BMP Number (Optional) Written procedures completed (by year 1)

BMP: Site Plan Review Procedures

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Completed (by year 1)

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

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP:

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BMP Number (Optional) Completed

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

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>

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BMP Number (Optional)

BMP: Post-Construction Ordinance

Completed (by year 2)

Town Ordinances Link or Reference:

Department Responsible for Enforcement:

BMP Number (Optional)

BMP: Street Design and Parking Lot Guidelines Report

Completed (by year 4)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional)

BMP: Green Infrastructure Report

Completed (by year 4)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: List of Municipal Retrofit Opportunities

Page 29

BMP Number (Optional) Completed (by year 4)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP Number (Optional) Completed

BMP:

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

Page 30

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.

MCM 6

Good Housekeeping and Pollution

Prevention for Permittee Owned Operations

Permit Part 2.3.7

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/stormwatertools-new-england#gh>

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PERMITTEE OWNED FACILITIES

BMP Number (Optional) Written Document Completed (by year 2)

BMP: Parks and Open Spaces Operations and Maintenance Procedures

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

Properties List (Optional):

BMP: Buildings and Facilities Operations and Maintenance Procedures

BMP Number (Optional) Written Document Completed (by year 2)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

Properties List (Optional):

BMP: Vehicles and Equipment Operations and Maintenance Procedures

BMP Number (Optional) Written Document Completed (by year 2)

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Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

Properties List (Optional):

INFRASTRUCTURE

BMP: Infrastructure Operations and Maintenance Procedures

BMP Number (Optional) Written Procedure Completed (by year 2)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Catch Basin Cleaning Program

BMP Number (Optional) Written Procedure Completed (by year 1)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

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Measurable Goal(s):

BMP: Street Sweeping Program

BMP Number (Optional) Written Procedure Completed (by year 1)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Winter Road Maintenance Program

BMP Number (Optional) Written Procedure Completed (by year 1)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

BMP Number (Optional) Completed (by year 1)

Document Name and/or Web Address:

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Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP: SWPPP

BMP Number (Optional) Completed (by year 2)

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP:

BMP Number (Optional) Completed

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

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BMP:

BMP Number (Optional) Completed

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

BMP:

BMP Number (Optional) Completed

Document Name and/or Web Address:

Description:

Responsible Department/Parties:

Measurable Goal(s):

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Annual Evaluation

Year 1 Annual Report

Document Name and/or Web Address:

Year 2 Annual Report

Document Name and/or Web Address:

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:

Document Name and/or Web Address:

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TMDLs and Water Quality Limited Waters

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

Bacteria/Pathogens Nitrogen Phosphorus

Impairment(s)

Chloride

Solids/oil/grease (hydrocarbons)/metals

TMDL(s)

Assabet River Phosphorus Bacteria and Pathogen Cape Cod Nitrogen

Charles River Watershed Phosphorus

In State:

Out of State:

Bacteria and Pathogen Metals

Lake and Pond Phosphorus

Nitrogen Phosphorus

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Nitrogen

Combination of Impaired Waters Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies) TMDL Name

(if applicable)

Add/Delete

Row

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:

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))

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 fertilizers

The relevant BMP number(s) listed above in the Stormwater Management Program OR the

description of implementation actions and document location(s) are:

Distribute an annual message in the summer (June/July) 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:

Page 40

Distribute an annual message in the fall (August/September/October)
encouraging the proper disposal
of leaf litter

The relevant BMP number(s) listed above in the Stormwater Management
Program OR the
description of implementation actions and document location(s) are:
Good Housekeeping and Pollution Prevention for Permittee Owned Operations

Establish requirements for the use of slow release fertilizers on permittee owned
property currently
using fertilizer, in addition to reducing and managing fertilizer use as provided in part 2.3.7.1
The relevant BMP number(s) listed above in the Stormwater Management
Program OR the
description of implementation actions and document location(s) are:

Establish procedures to properly manage grass cuttings and leaf litter on
permittee property, including
prohibiting blowing organic waste materials onto adjacent impervious surfaces
The relevant BMP number(s) listed above in the Stormwater Management
Program OR the
description of implementation actions and document location(s) are:

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)
The relevant BMP number(s) listed above in the Stormwater Management
Program OR the
description of implementation actions and document location(s) are:
Nitrogen Reduction Tracking BMP
Page 41

Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H already
existing or installed in

the regulated area by the permittee or its agents shall be tracked and the permittee shall estimate the nitrogen removal by the BMP consistent with Attachment 1 to Appendix H. . The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated nitrogen removed in mass per year by the BMP is found in the following document or website and is updated yearly at a minimum:
Requirements Due by Year 2
Stormwater Management in New Development and Redevelopment

The requirement for adoption/amendment of the permittee's ordinance or other regulatory mechanism shall include a requirement that new development and redevelopment stormwater management BMPs be optimized for nitrogen removal
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
Requirements Due by Year 4

Complete a Nitrogen Source Identification Report
The document name (if attached) and/or web address is/are:
Stormwater Management in New Development and Redevelopment

Retrofit inventory and priority ranking under 2.3.6.1.b. shall include consideration of BMPs to reduce nitrogen discharges
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
Requirements Due by Year 5
Page 42
Potential Structural BMPs

Evaluate all permittee-owned properties identified as presenting retrofit opportunities or areas for

structural BMP installation under Permit part 2.3.6.d.ii or identified in the Nitrogen Source Identification Report that are within the drainage area of the impaired water or its tributaries

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

Complete a listing of planned structural BMPs and a plan and schedule for implementation
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

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Solids, Oil and Grease (Hydrocarbons), or Metals

Combination of Impaired Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies) TMDL Name

(if applicable)

Add/Delete

Row

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:

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

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

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

The relevant BMP number(s) listed above in the Stormwater Management Program OR the

description of implementation actions and document location(s) are:

Requirements Due by Year 2

Stormwater Management in New Development and Redevelopment

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Stormwater management systems designed on commercial and industrial land use area draining to the water quality limited water body shall incorporate designs that allow for shutdown and containment

where appropriate to isolate the system in the event of an emergency spill or other unexpected event

The relevant BMP number(s) listed above in the Stormwater Management Program OR the

description of implementation actions and document location(s) are:

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Phosphorus

Combination of Impaired Waters Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies) TMDL Name

(if applicable)

Add/Delete

Row

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:

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))

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

Distribute an annual message in the summer (June/July) 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:
Page 46

Distribute an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
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)
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

Establish procedures to properly manage grass cuttings and leaf litter on permittee property, including prohibiting blowing organic waste materials onto adjacent impervious surfaces
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
Stormwater Management in New Development and Redevelopment

Retrofit inventory and priority ranking under 2.3.6.1.b. shall include consideration of BMPs to reduce nitrogen discharges
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
Nitrogen Reduction Tracking BMP
Page 47

Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H 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.
The BMP type, total area treated by the BMP, the design storage volume of the BMP and the estimated phosphorus removed in pass per year by the BMP is found in the following document or website and is updated yearly at a minimum:
Requirements Due by Year 2
Stormwater Management in New Development and Redevelopment

The requirement for adoption/amendment of the permittee's ordinance or other regulatory mechanism shall include a requirement that new development and redevelopment stormwater management BMPs be optimized for phosphorus removal
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

Requirements Due by Year 4

Complete a Phosphorus Source Identification Report
The document name (if attached) and/or web address is/are:
Stormwater Management in New Development and Redevelopment

Retrofit inventory and priority ranking under 2.3.6.1.b. shall include consideration of BMPs that infiltrate stormwater where feasible
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
Requirements Due by Year 5
Page 48
Potential Structural BMPs

Evaluate all permittee-owned properties identified as presenting retrofit opportunities or areas for structural BMP installation under Permit part 2.3.6.d.ii or identified in the Phosphorus Source Identification Report that are within the drainage area of the impaired water or its tributaries
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:

Complete a listing of planned structural BMPs and a plan and schedule for implementation
The relevant BMP number(s) listed above in the Stormwater Management Program OR the description of implementation actions and document location(s) are:
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Lake and Pond Phosphorus TMDL

Begin Phase 1 of the Lake Phosphorus Control Plan during year 1 and complete by year 5.

**Applicable Receiving
Waterbody(ies)**

PCP
Complete
Document Location Add/Delete
Row