1089

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Watershed Management

W041000
Transmittal Number

BRP WM 08A NPDES Stormwater General Permit

Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

Facility ID (if known)

A. Instructions

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.

Submission of this Notice of Intent constitutes notice that the entity named at item B1. of this form intends to be authorized by the DEP General Permit issued jointly with EPA for stormwater discharges from the small municipal separate storm sewer system (MS4), in the location identified at item B2. of this form. Submission of the Notice of Intent also constitutes notice that the party identified at item B1. has read, understands and meets the eligibility conditions of Part I.B. of the NPDES Small MS4 General Permit, agrees to comply with all applicable terms and conditions of the NPDES Small MS4 General Permit, and understands that continued authorization to discharge is contingent on maintaining eligibility for coverage. **In order to be granted coverage, all information required on BRP WM 08A, including the Stormwater Management Program Summary and Time Frames form, must be completed. Please read the permit and make sure you comply with all requirements, including the requirement to develop and implement a stormwater management program.**

B. Applicant Information

1. Small MS4 Operator/Owner Information:

   John McMahon, DPW Director, Department of Public Works
   Name

   1 JFK Memorial Drive
   Mailing Address

   Braintree — City/Town
   Massachusetts — State

   Telephone Number
   Email (if available)

2. Municipality Name

   Town of Braintree
   City/Town

3. Legal Status:

   ☐ Federal ☒ City/Town ☐ State ☐ Tribal ☐ Private

   ☐ Other public entity: _____ Specify Public Entity

4. Other regulated MS4(s) within municipal boundaries:

   Mass Highway Route 3 and Route 128 (95)

5. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for "listed species" and critical habitat been met?

   ☒ yes ☐ pending ☐ no

6. Based on the instructions provided in Part I of the NPDES Small MS4 General Permit, have the eligibility criteria for protection of historic properties been met?

   ☒ yes ☐ pending ☐ no

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Watershed Management

BRP WM 08A NPDES Stormwater General Permit

Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

W041000
Transmittal Number

Facility ID (if known)

Note:
Section C may be duplicated to accommodate a larger list of receiving waters

C. Names of (Presently Known) Receiving Waters

Receiving Water:	No. of Outfalls	Listed as Impaired?	Impairment
Wetland tributary to Cranberry Pond (Name)	2 (Number)	☐ Yes ☒ No	(Specify)
Cranberry Brook (Name)	10 (Number)	☐ Yes ☒ No	(Specify)
Wetland tributary to Cranberry Brook (Name)	14 (Number)	☐ Yes ☒ No	(Specify)
Cochato River (Name)	2 (Number)	☒ Yes ☐ No	Pesticides Organic enrichment/Low DO Pathogens (Specify)
Farm River (Name)	14 (Number)	☐ Yes ☒ No	(Specify)
Wetland tributary to Farm River, near confluence with Cochato River (Name)	2 (Number)	☐ Yes ☒ No	(Specify)
Wetland tributary to Farm River, off Rex Drive (Name)	1 (Number)	☐ Yes ☒ No	(Specify)
Sunset Lake (Name)	9 (Number)	☐ Yes ☒ No	(Specify)
Stream from Sunset Lake to Monatiquot River (Name)	4 (Number)	☐ Yes ☒ No	(Specify)
Wetland tributary to Sunset Lake (Name)	5 (Number)	☐ Yes ☒ No	(Specify)
Monatiquot River (Name)	33 (Number)	☒ Yes ☐ No	Cause unknown Organic enrichment/Low DO (Other habitat alterations) Pathogens (Specify)
Hollingsworth Pond (Name)	2 (Number)	☐ Yes ☒ No	(Specify)
Weymouth Fore River (Name)	6 (Number)	☐ Yes ☒ No	(Specify)
Smelt Brook (Name)	6 (Number)	☐ Yes ☒ No	(Specify)
Old Quincy Reservoir (Name)	5 (Number)	☐ Yes ☒ No	(Specify)
Wetland tributary to Old Quincy Reservoir (from northwest) (Name)	3 (Number)	☐ Yes ☒ No	(Specify)

Name	Number		Specify
Wetland tributary to Old Quincy Reservoir (from southwest)	2	☐ Yes ☒ No	
Town Brook	4	☒ Yes ☐ No	Cause unknown (Other habitat alterations) Pathogens
Cedar Swamp	13	☐ Yes ☒ No	

D. Stormwater Management Program Summary

1. Public Education:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
PE 1	Partner / Support a local watershed organization	Peter Lapolla – Planning / ConCom	**Y1:** Form partnership with 1 org (Fore River Watershed Assoc. or Pond Meadow Park) **Y3:** Continue partnership. **Y5:** Continue partnership.
PE 2	Develop public education brochures / press releases	John McMahon - DPW	**Y1:** Create two fliers (sump pump, grease). Flier distributed March 2003 re: illicit connections, sump pumps, and drains. A CD of inflow videotape (to support reduction of SSOs) is located at the Library. **Y1-Y5:** Distribute fliers to abutters of pavement projects to address SSO issues each year. Continue FEMA annual flier distribution on drainage maintenance activities each year (Peter Lapolla – Planning / ConCom). Continue distribution of handouts each year at Sunset Lake Beach on pollution prevention at the lake. **Y2-Y5:** Brochure distribution at each July 4th Town Fair.

D. Stormwater Management Program Summary (Cont.)

PE 3
BMP ID #

Classroom instruction Specify Best Management Practice	Peter Lapolla – Planning/ConCom Responsible Dept./Person Name	**Y2:** Present proposed lesson plan for Pond Meadow Park summer program **Y3:** Present storm water education Specify Measurable Goal

PE 4
BMP ID #

Develop web page link to Town's existing website Specify Best Management Practice	Mike Steen – MIS Responsible Dept./Person Name	**Y2:** Post SWMP and brochures distributed **Y3-Y5:** Maintain and update. Specify Measurable Goal

PE 5
BMP ID #

Cable Access TV Show Specify Best Management Practice	John McMahon - DPW Responsible Dept./Person Name	**Y1:** Two cable episodes of videotape (completed 2000 & 2001) **Y3:** Begin creation of one storm water cable access program **Y4:** Finalize outline and text for cable access episode **Y5:** One cable access episode devoted to storm water Specify Measurable Goal

2. Public Participation:

PP 1
BMP ID #

Partner w/ local organization Specify Best Management Practice	Peter Lapolla – Planning / ConCom Responsible Dept./Person Name	**Y1:** Form partnership with 1 organization **Y3:** Continue partnership and conduct fund raiser Specify Measurable Goal

PP 2
BMP ID #

Stenciling Program Specify Best Management Practice	John McMahon - DPW Responsible Dept./Person Name	**Y2:** Identify one priority area for storm drain stenciling program **Y4:** Conduct stenciling of 50% of priority area **Y5:** Conduct stenciling of remaining 50% of priority area Specify Measurable Goal

D. Stormwater Management Program Summary (Cont.)

PP 3
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Poster Contest	John McMahon - DPW	**Y3:** Develop and pilot contest in Grade 4 **Y4-Y5:** Modify and continue contest each year.

PP 4
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Organize public meetings and panels	John McMahon - DPW	**Y1:** Discuss storm water management at 1 public meeting (Selectmen's February 24, 2003 / Cable TV broadcast) **Y2-Y5:** Discussion of storm water at one public meeting and broadcast on cable each year

PP 5
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Involve Town departments	John McMahon - DPW	**Y2:** Involve departments in flier distribution and regulation **Y3-Y5:** Continue to involve departments

3. Illicit Discharge Detection and Elimination:

ID 1
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Generate a comprehensive Storm Drain Map	John McMahon - DPW	**Y1:** Inventory of existing plans. Field locate and inspect 247 outfalls. Create a drainage system plan in AutoCAD format from existing plans. Purchase GPS unit to field locate drainage features more accurately. Determine Essential Fish Habitation. Determine impact to Historical Locations. **Y2-Y5:** GPS locate 20 % of drainage system and outfalls each year **Y4:** Input existing plans to GIS map **Y5:** Update map with any drainage additions

D. Stormwater Management Program Summary (Cont.)

ID 2
BMP ID #

Implement a Town by-law
Specify Best Management Practice

Peter Lapolla – Planning / ConCom
Responsible Dept./Person Name

Y1: Conduct a review of current by-laws and rules and regulations
Y2: Develop by-law / ordinance with stated penalties governing illicit discharges. Hold a Public Meeting to explain by-law and rules and regulations.
Y3: Bring by-law in front of Town Meeting
Y4: Attempt to have by-law approved and in place
Y5: Review effectiveness of by-law
Specify Measurable Goal

ID 3
BMP ID #

Perform and illicit discharge detection campaign
Specify Best Management Practice

John McMahon - DPW
Responsible Dept./Person Name

Y1: Develop Illicit Discharge Detection and Elimination Plan. Dry weather flow observation effort conducted at 31 locations and sampling program. Determine whether stormwater discharges contribute to Braintree's 303(d) listed water bodies (i.e. Cochato River, Monatiquot River, and Town Brook).
Specify Measurable Goal

ID 4
BMP ID #

Correct Illicit Discharges
Specify Best Management Practice

John McMahon - DPW
Responsible Dept./Person Name

Y1: Identify issues at one outfall on Common St. and one potential illicit discharge point at Commercial St.
Y2: Develop plan to remove illicit discharges if confirmed to be required at Common St. and Commercial St areas
Y3: Remove illicit discharges if confirmed to be required in Common St and Commercial St areas
Y4: Enforce by-law (BMP ID 4)
Specify Measurable Goal

D. Stormwater Management Program Summary (Cont.)

ID 5
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Educate citizens	John McMahon - DPW	**Y2:** Develop and distribute fliers defining illicit discharges and summarizing the Town By-law. **Y5:** Redistribute fliers.

4. Construction Site Runoff Control:

CS 1
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Implement by-law related to construction runoff control	Peter Lapolla – Planning / ConCom	**Y1:** Review of current by-laws to enforce Phase II requirements. Complete in-house assessment. **Y2:** Develop and add "Erosion Control" by-law to Town By-laws **Y5:** Review by-law and enhance if necessary

CS 2
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Incorporate sanctions into by-law to ensure compliance	Peter Lapolla – Planning / ConCom	**Y2:** Sanctions developed and included in by-law **Y5:** Noticeable efforts made to ensure compliance

CS 3
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Site Plan Review	Peter Lapolla – Planning / ConCom	**Y2:** All applicable plans reviewed for compliance with by-law

CS 4
BMP ID #

Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
Site inspection and enforcement of control measures	Peter Lapolla – Planning / ConCom	**Y4:** Standard site inspection guidelines in place **Y5:** Review inspection guidelines. Enhance if necessary.

D. Stormwater Management Program Summary (cont.)

CS 5
BMP ID #

Establish procedures to record and address public inquires or concerns Specify Best Management Practice	Peter Lapolla – Planning / ConCom Responsible Dept./Person Name	**Y1:** Procedure in place for handling public comment **Y4:** Review procedure and enhance if necessary. Specify Measurable Goal

5. Post Construction Runoff Control:

PC 1
BMP ID #

Evaluate, enhance, and implement zoning requirements Specify Best Management Practice	Peter Lapolla – Planning / ConCom Responsible Dept./Person Name	**Y1:** Complete in-house evaluation of current zoning by-laws and determine weaknesses related to surface water preservation **Y2:** Develop new zoning by-laws focused on surface water preservation Specify Measurable Goal

PC 2
BMP ID #

Develop regulations requiring specific structural storm water controls Specify Best Management Practice	Peter Lapolla – Planning / ConCom Responsible Dept./Person Name	**Y2:** Identify specific structural controls (BMPs) Specify Measurable Goal

PC 3
BMP ID #

Develop review and inspection procedures for private storm water systems Specify Best Management Practice	Peter Lapolla – Planning / ConCom Responsible Dept./Person Name	**Y2:** Review condition on maintenance requirements. Develop an inspection procedure **Y4:** Implement an inspection procedure. **Y5:** Review new process if in place and assess effectiveness Specify Measurable Goal

6. Municipal Good Housekeeping:

GH 1
BMP ID #

Audit of Town facilities Specify Best Management Practice	John McMahon - DPW Responsible Dept./Person Name	**Y1:** Department meeting on pollution prevention **Y3:** Assessment of DPW yard and golf course Specify Measurable Goal

D. Stormwater Management Program Summary (cont.)

GH 2
BMP ID #

Operation and maintenance program
Specify Best Management Practice

John McMahon - DPW
Responsible Dept./Person Name

Y2: Monitor sediment in catch basins
Y3: Develop schedule for catch basin cleaning based on priority areas
Specify Measurable Goal

GH 3
BMP ID #

Employee training
Specify Best Management Practice

John McMahon - DPW
Responsible Dept./Person Name

Y1: Generate a list of all prior relevant employee training activities
Y2: Prepare workshop
Y3: Administer a good housekeeping workshop at DPW
Specify Measurable Goal

GH 4
BMP ID #

Recycling program
Specify Best Management Practice

John McMahon - DPW
Responsible Dept./Person Name

Y1: Review current recycling program
Y2: Monitor recycling program and enhance if necessary
Y4: Monitor recycling program and enhance if necessary.
Specify Measurable Goal

7. BMPs for Meeting TMDL:

TMDL-1
BMP ID #

Check Current Impairment Lists
Specify Best Management Practice

DPW
Responsible Dept./Person Name

Y1: There are no completed TMDL studies for receiving waters in Braintree.
Y2-Y5: Reference Part II of the current Massachusetts Integrated List of Waters for newly listed water bodies with completed TMDL studies in which Braintree SW outfalls directly or indirectly discharge
Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Watershed Management

BRP WM 08A NPDES Stormwater General Permit

Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

W041000
Transmittal Number

Facility ID (if known)

E. 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.

Printed Name

Signature

10-20-03
Date

1
2
3
4
5 Selectmen