1156

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

W036325
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:

   Town of Shrewsbury Engineering Department
   Name

   100 Maple Ave.
   Mailing Address

   Shrewsbury — City/Town
   MA, 01545 — State

   (508) 841-8502 — Telephone Number
   Email (if available)

2. Municipality Name

   Town of Shrewsbury
   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:

   Massachusetts Highway Department

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

JUL 30 2003

MUNICIPAL ASSISTANCE UNIT

B. Applicant Information (cont.)

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

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
Big Bummet Brook (Name)	unknown (Number)	☐ Yes ☒ No	(Specify)
Lake Quinsigamond (Name)	unknown (Number)	☒ Yes ☐ No	Noxious Aquatic Plants (Specify)
Flint Pond (Name)	unknown (Number)	☒ Yes ☐ No	Turbidity (Specify)
Jordan Pond (Name)	unknown (Number)	☒ Yes ☐ No	Turbidity (Specify)
Newton Pond (Name)	unknown (Number)	☒ Yes ☐ No	Noxious Aquatic Plants (Specify)
Mill Pond (Name)	unknown (Number)	☒ Yes ☐ No	Turbidity (Specify)
Rawson Hill Brook (Name)	unknown (Number)	☐ Yes ☒ No	(Specify)
West Brook (Name)	unknown (Number)	☐ Yes ☒ No	(Specify)
Summet Brook (Name)	unknown (Number)	☐ Yes ☒ No	(Specify)
Meadow Brook (Name)	unknown (Number)	☐ Yes ☒ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)
(Name)	(Number)	☐ Yes ☐ No	(Specify)

D. Stormwater Management Program Summary

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1. Public Education:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
01	Pamphlet Mailings	Engineering & Water/Sewer	# Pamphlets Mailed
02	Poster Distribution	Engineering Dept.	# Posters Distributed

2. Public Participation:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
03	Catch Basin Stenciling	Highway Dept.	# Catch Basins Stenciled
04	Water Monitoring & Sampling	Health Dept.	Sample Data

D. Stormwater Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
05	Local Ordinance	Engineering	Town Warrant Article
06	Storm Sewer Map	Engineering	GIS Map
07	Public Employee Education	Engineering	Training Sessions

4. Construction Site Runoff Control:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
05	Local Ordinance	Engineering	Town Warrant Article
08	Mass. Stormwater Policy	Engineering	# Projects Reviewed
09	Site Plan Reviews	Engineering	# Projects Reviewed

D. Stormwater Management Program Summary (Cont.)

5. Post Construction Runoff Control:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
05	Local Ordinance	Engineering Dept.	Town Warrant Article
08	Mass. Stormwater Policy	Engineering Dept.	# Projects Reviewed

6. Municipal Good Housekeeping:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
10	Catch Basin Cleaning	Highway Dept.	Catch Basins Cleaned
11	Highway & Light Dept. Garage	Engineering	# Inspections
12	Street Sweeping	Highway Dept.	Streets Swept

D. Stormwater Management Program Summary (cont.)

7. BMPs for Meeting TMDL:

BMP ID #	Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal
05	Local Ordinance	Engineering	Town Warrant Article
08	Mass. Stormwater Policy	Engineering	# Plans Reviewed
13	Stormwater Treatment Units	Engineering	Town Warrant Article

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.

Daniel J. Morlado
Printed Name

Signature

7/29/03
Date

Called town 9/24.
town manager signature.

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F. Example Storm Water Management Program TIME FRAMES

Transmittal Number W036325

Facility ID (if known)

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	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				
BMP ID #	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04	Winter 04-05	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	Spring 08	Next Permit
01					X								X								
02			X																		
03				—	—	—		—	—	—		—	—	—		—	—	—			
04		X		X		X		X													
05								X				X				X					
06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
07					X								X								
08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
09										—	—	—	—	—	—	—	—	—	—	—	
10	—	—		—	—	—		—	—	—		—	—	—		—	—	—			
11				X		X		X		X		X		X		X		X		X	
12	—	—			—	—			—	—			—	—			—	—			
13										—	—	—	—	—	—	—	—	—	—	—	

NOTES:

BMP 05 - Must be accepted at Town Meeting to be enforceable.
BMP 08 - Must be accepted at Town Meeting to be enforceable for non wetlands projects.
BMP 09 - Must be accepted at Town Meeting to be enforceable.
BMP 13 - Must be accepted at Town Meeting to be enforceable. BMP is for new development projects.

Compliance with the Endangered Species Act

Response to Addendum A of the NPDES Phase II MS4 General Permit

The Town of Shrewsbury believes that the Endangered Species Act (ESA) eligibility requirements have been met based on Eligibility Criterion "D" listed in Addendum A of the General Permit. Using this criterion, the Town has determined that MS4 storm water discharges, allowable non-storm water discharges, and discharge-related activities are not likely to adversely affect listed species or critical habitat.

To determine if there are any threatened and endangered species in Shrewsbury, the Town obtained information from the U.S. Fish & Wildlife Service (FWS), the Massachusetts Division of Fisheries and Wildlife – Natural Heritage & Endangered Species Program (NHESP), and the Environmental Protection Agency (EPA). The Town also looked at surrounding communities to determine the likelihood of storm water discharges in Shrewsbury affecting threatened and endangered species in neighboring cities and towns. Neighboring communities include Worcester, West Boylston, Boylston, Northborough, Westborough, and Grafton. All of these towns including Shrewsbury are within Worcester County.

Documentation obtained from the FWS, NHESP, and EPA indicate that there are no federal threatened or endangered species listed under the ESA within the Town of Shrewsbury. In the surrounding communities one threatened species was listed in the Towns of Boylston and West Boylston, and one endangered species was noted in the City of Worcester.

The NHESP lists the Bald Eagle *(Haliaeetus leucocephalus)* as a Federal Threatened Species in the Town of Boylston and Town of West Boylston. These two communities abut Shrewsbury to the north. A review of existing plans within the Town of Shrewsbury Engineering Department indicate that there are currently no known MS4 utilities that discharge into water bodies that flow into either of these two communities. The MS4 in Shrewsbury is not expected to impact any Bald Eagle habitat in these two towns.

The NHESP lists the Indiana Myotis *(Myotis sodalist)* as a Federal Endangered Species in the City of Worcester. Worcester abuts Shrewsbury to the west. Portions of Shrewsbury's MS4 discharge into Lake Quinsigamond and Flint Pond. Lake Quinsigamond is located within Shrewsbury and Worcester, and outlets into Flint Pond. Flint Pond is located within Grafton, Shrewsbury, and Worcester. Flint Pond outlets near the north end of Grafton, and flows to the south into Hovey Pond in Grafton. Looking at various plans including USGS Quadrangles, it is estimated that most of the storm water discharged through Shrewsbury's MS4 does not make its way into the portions of Lake Quinsigamond and Flint Pond that are within the City of Worcester. What storm water flows that do enter into Worcester remain confined to the limits of the shoreline boundaries of Lake Quinsigamond and Flint Pond.

Information obtained from the NHESP indicates that the most recent observation of the Indiana Myotis in the City of Worcester occurred in 1937. The species is typically known to hibernate in caves during winter seasons and migrate to hardwood forests adjacent to riparian zones during summer months. Possible causes of the species decline include the destruction of forest areas and the application of agricultural chemicals. The MS4 in Shrewsbury is not expected to impact any Indiana Myotis habitat in the City of Worcester.

Compliance with Historic Properties

Response to Addendum B of the NPDES Phase II MS4 General Permit

The Town of Shrewsbury believes that historic properties are not affected by the MS4 discharges of storm water and allowable non-storm water discharges. Additionally, there are no proposed BMP structures that would alter these properties.