



1157

# BRP WM 08A NPDES Stormwater General Permit

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

### 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 MA, 01545  
City/Town 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 2000  
MUNICIPAL ASSISTANCE UNIT

### B. Applicant Information (cont.)



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

Facility ID (if known)

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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specify
Lake Quinsigamond Name	unknown Number	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Noxious Aquatic Plants Specify
Flint Pond Name	unknown Number	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turbidity Specify
Jordan Pond Name	unknown Number	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turbidity Specify
Newton Pond Name	unknown Number	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Noxious Aquatic Plants Specify
Mill Pond Name	unknown Number	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turbidity Specify
Rawson Hill Brook Name	unknown Number	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specify
West Brook Name	unknown Number	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specify
Summet Brook Name	unknown Number	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specify
Meadow Brook Name	unknown Number	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify
Name	Number	<input type="checkbox"/> Yes <input type="checkbox"/> No	Specify

### D. Stormwater Management Program Summary



**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)

1. Public Education:

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

2. Public Participation:

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

**D. Stormwater Management Program Summary (Cont.)**





**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)**

W036325  
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Facility ID (if known)

5. Post Construction Runoff Control:

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

6. Municipal Good Housekeeping:

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

**D. Stormwater Management Program Summary (cont.)**





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)**

**F. Example Storm Water Management Program TIME FRAMES**

BMP ID #	PERMIT YEAR ONE		PERMIT YEAR TWO		PERMIT YEAR THREE		PERMIT YEAR FOUR		PERMIT YEAR FIVE		Next Permit																						
	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												
01					X								X																				
02			X																														
03																																	
04		X		X		X	X																										
05				X			X																										
06																																	
07					X								X																				
08																																	
09																																	
10																																	
11				X		X	X							X				X			X												
12																																	
13																																	
<b>NOTES:</b>																																	
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.																																	

Transmittal Number W036325

Facility ID (if known)

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## 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 sodalists*) 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.