



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

W039247

Transmittal Number

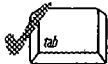
BRP WM 08A NPDES Stormwater General Permit

**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:

Louis M. Taverna, P.E., Director of Utilities, Dept. of Public Works, City of Newton, MA

Name

1000 Commonwealth Ave

Mailing Address

Newton

City/Town

617-796-1040

Telephone Number

MA

State

ltaverna@ci.newton.ma.us

Email (if available)

2. Municipality Name

Newton

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 Turnpike Authority I-90. Mass Hiway Department I-95, Route 9, Needham Street. Metropolitan District Commission Hammond Pond Parkway, Quinobequin Road. MBTA Green Line, Commuter Rail

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?

X yes

pending

☐ no



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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
Charles River	86	☒ Yes ☐ No	Priority organics, pathogens
Name	Number		Specify
Derby Brook		☐ Yes ☒ No	
Name	Number		Specify
Hyde Brook		☐ Yes ☒ No	
Name	Number		Specify
Edmunds Brook		☐ Yes ☒ No	
Name	Number		Specify
Laundry Brook		☐ Yes ☒ No	
Name	Number		Specify
Cheesecake Brook		☒ Yes ☐ No	Unknown
Name	Number		Specify
Runaway Brook		☐ Yes ☒ No	
Name	Number		Specify
Lawrence Brook		☐ Yes ☒ No	
Name	Number		Specify
Hammond Brook		☐ Yes ☒ No	
Name	Number		Specify
Thompson Brook		☐ Yes ☒ No	
Name	Number		Specify
Clark Brook		☐ Yes ☒ No	
Name	Number		Specify
Paul Brook		☐ Yes ☒ No	
Name	Number		Specify
Cold Springs Brook		☐ Yes ☒ No	
Name	Number		Specify
Dresser Brook		☐ Yes ☒ No	
Name	Number		Specify
Sterns Brook		☐ Yes ☒ No	
Name	Number		Specify
South Meadow Brook		☒ Yes ☐ No	Unknown
Name	Number		Specify
Dickerman Brook		☐ Yes ☒ No	
Name	Number		Specify
Hahn Brook		☐ Yes ☒ No	
Name	Number		Specify

CONTINUED

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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
<u>Saw Mill Brook</u>	_____	☒ Yes ☐ No	<u>Unknown</u>
Name _____	Number _____		Specify _____
<u>Kings Brook</u>	_____	☐ Yes ☒ No	_____
Name _____	Number _____		Specify _____
<u>Cranberry Brook</u>	_____	☐ Yes ☒ No	_____
Name _____	Number _____		Specify _____
<u>Brunnen Brook</u>	_____	☐ Yes ☒ No	_____
Name _____	Number _____		Specify _____
<u>Cabot Brook</u>	_____	☐ Yes ☒ No	_____
Name _____	Number _____		Specify _____
<u>Hammond Pond</u>	_____	☒ Yes ☐ No	<u>Noxious aquatic plants</u>
Name _____	Number _____		Specify _____
<u>Crystal Lake</u>	_____	☐ Yes ☒ No	_____
Name _____	Number _____		Specify _____
<u>Dresser Pond</u>	_____	☐ Yes ☒ No	_____
Name _____	Number _____		Specify _____
<u>Bulloughs Pond</u>	_____	☒ Yes ☐ No	<u>Nutrients, noxious aquatic plants</u>
Name _____	Number _____		Specify _____
_____	_____	☐ Yes ☐ No	_____
Name _____	Number _____		Specify _____
_____	_____	☐ Yes ☐ No	_____
Name _____	Number _____		Specify _____
_____	_____	☐ Yes ☐ No	_____
Name _____	Number _____		Specify _____
_____	_____	☐ Yes ☐ No	_____
Name _____	Number _____		Specify _____
_____	_____	☐ Yes ☐ No	_____
Name _____	Number _____		Specify _____
_____	_____	☐ Yes ☐ No	_____
Name _____	Number _____		Specify _____



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D. Stormwater Management Program Summary

1. Public Education:

1.1

BMP ID #

**Develop Stormwater Press
Releases**

Utilities, L. Taverna

Responsible Dept./Person Name

**Submit annual press releases
to local newspaper, CATV**

1.2

BMP ID #

**Develop Stormwater Web Site
Specify Best Management Practice**

Utilities, L. Taverna

Responsible Dept./Person Name

**Prepare/annual update web
site on stormwater issues**

1.3

BMP ID #

**Develop Stormwater
Brochures**

Utilities, L. Taverna

Responsible Dept./Person Name

**Distribute annual brochures
with water/sewer bills**

1.4

BMP ID #

**Develop Stormwater
Newsletter**

Utilities, L. Taverna

Responsible Dept./Person Name

**Prepare/distribute annual
stormwater newsletter/report**

1.5

BMP ID #

**Explore Volunteer Task Force
Specify Best Management Practice**

Utilities, L. Taverna

Responsible Dept./Person Name

**Solicit volunteer educators to
develop education program**

CONTINUED

2. Public Participation:

2.1

BMP ID #

**Establish Stormwater Citizen
Advisory Committee**

Utilities, L. Taverna

Responsible Dept./Person Name

**Committee meets once per
year, publish results**

2.2

BMP ID #

**Implement Public Meetings for
Citizen Input**

Utilities, L. Taverna

Responsible Dept./Person Name

**Hold meetings once per year,
publish results**

2.3

BMP ID #

**Encourage Citizen
Communication and Reporting**

Utilities, L. Taverna

Responsible Dept./Person Name

**Establish stormwater hotline
for illicit discharges**

2.4

BMP ID #

**Explore Volunteer
Organizations, Watch Groups**

Utilities, L. Taverna

Responsible Dept./Person Name

**Observe outfalls, find illicit
discharges, stream clean up**

2.5

BMP ID #

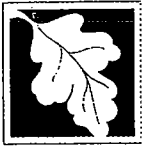
**Implement Storm Drain
Marking Program**

Utilities, L. Taverna

Responsible Dept./Person Name

**Volunteers mark catch basins
with decals**

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D. Stormwater Management Program Summary

1. Public Education:

1.6

BMP ID #

Explore Partnering with
Schools

Utilities, L. Taverna

Responsible Dept./Person Name

Explore Education Programs

Specify Measurable Goal

1.7

BMP ID #

Explore Education Program
Specify Best Management Practice

Utilities, L. Taverna

Responsible Dept./Person Name

Explore programs with high
school students

1.8

BMP ID #

Explore Partnering with
Watershed Associations

Utilities, L. Taverna

Responsible Dept./Person Name

Promote Mtgs with Charles
River Watershed Association

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

2. Public Participation:

2.6

BMP ID #

Promote Community Clean
Up Days

Utilities, L. Taverna

Responsible Dept./Person Name

Promote annual community
Clean Up Day

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal



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D. Stormwater Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination:

3.1

BMP ID #

Establish Stormwater System
Map

Engineering, D. Willett
Responsible Dept./Person Name

Update GIS information, locate
all outfalls

3.2

BMP ID #

Establish Stormwater
Database Mgmt System

Utilities, L. Taverna
Responsible Dept./Person Name

Add stormwater information to
Hansen Database

3.3

BMP ID #

Locate and Inspect all Outfalls
Specify Best Management Practice

Utilities, L. Taverna
Responsible Dept./Person Name

Collect outfall data for Hansen
Database

3.4

BMP ID #

Explore Prohibiting Non-
Stormwater Discharges

Utilities, L. Taverna
Responsible Dept./Person Name

Explore adaptation of
Stormwater Ordinance/Reg

3.5

BMP ID #

Identify Illicit Discharge
Sources

Utilities, L. Taverna
Responsible Dept./Person Name

Explore dry & wet weather
screening, TV insp, public input

CONTINUED

4. Construction Site Runoff Control:

4.1

BMP ID #

Explore Regulations for Constr
Site Stormwater Runoff

Engineering, D. Willett
Responsible Dept./Person Name

Explore adaptation of Constr
Site Runoff Ordinance/Reg

4.2

BMP ID #

Implement Review of
Construction Documents

Engineering, D. Willett
Responsible Dept./Person Name

Explore policy for Submittal of
Erosion Control Plans

4.3

BMP ID #

Implement Construction
Inspection Program

Engineering, D. Willett
Responsible Dept./Person Name

Develop guidelines, training,
inspect constr sites > 1 acre

4.4

BMP ID #

Educate Developers on Proper
Erosion Control

Engineering, D. Willett
Responsible Dept./Person Name

Distribute erosion control
procedures to all applicants

4.5

BMP ID #

Encourage Citizen Input on
Construction Projects

Engineering, D. Willett
Responsible Dept./Person Name

Ensure citizen review
procedures for constr > 1 acre

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D. Stormwater Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination:

3.6

BMP ID #

Establish Illicit Discharge
Hotline

Utilities, L. Taverna

Responsible Dept./Person Name

Receive and track citizen
reports of illicit discharges

3.7

BMP ID #

Train Employees

Specify Best Management Practice

Utilities, L. Taverna

Responsible Dept./Person Name

Employees help identify illicit
discharges

3.8

BMP ID #

Implement Household
Hazardous Waste Program

Utilities, L. Taverna

Responsible Dept./Person Name

Collect waste oil, antifreeze,
paint, pesticides

3.9

BMP ID #

Explore Detection and
Elimination Efforts

Utilities, L. Taverna

Responsible Dept./Person Name

Observe major outfall
discharges

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

4. Construction Site Runoff Control:

4.6

BMP ID #

Establish Information
Management System

Engineering, D. Willett

Responsible Dept./Person Name

Track construction reviews
and inspections

4.7

BMP ID #

Explore Stds for Erosion and
Sedimentation Controls

Engineering, D. Willett

Responsible Dept./Person Name

Explore adaptation of MADEP
SWMP Std 8

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal



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D. Stormwater Management Program Summary (Cont.)

5. Post Construction Runoff Control:

5.1

BMP ID #

Explore Regulations for Post
Construction Runoff

Engineering, D. Willett

Responsible Dept./Person Name

Explore adaptation of Post
Constr Runoff Ordinance/Reg

5.2

BMP ID #

Develop Stormwater
Management Policy

Engineering, D. Willett

Responsible Dept./Person Name

Explore Policy to establish
minimum BMPs for developers

5.3

BMP ID #

Develop Operations and
Maintenance Policy

Engineering, D. Willett

Responsible Dept./Person Name

Explore Policy to establish
minimum O & M plans

5.4

BMP ID #

Explore Controls to
Minimize Impacts to WQ

Engineering, D. Willett

Responsible Dept./Person Name

Explore use of structural and
non-structural BMPs

5.5

BMP ID #

Explore Reducing Directly
Connected Impervious Surface

Engineering, D. Willett

Responsible Dept./Person Name

Explore use of grass swales
and filter strips

CONTINUED

6. Municipal Good Housekeeping:

6.1

BMP ID #

Develop Staff Training
Program

Utilities, L. Taverna

Responsible Dept./Person Name

Train staff on spill prevention
control, veh maint, lawn care

6.2

BMP ID #

Develop Stormwater Pollution
Prevention Plan

Utilities, L. Taverna

Responsible Dept./Person Name

Develop spill prevention
control proc, pollution reduction

6.3

BMP ID #

Develop Flood Mitigation Plan
Specify Best Management Practice

Utilities, L. Taverna

Responsible Dept./Person Name

Develop Plan, Perform
tabletop exercises

6.4

BMP ID #

Establish Inspection
Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Inspect storm drain system,
using visual and CCTV

6.5

BMP ID #

Incorporate BMPs into Std
Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Establish BMP's for municipal
operations and maintenance

CONTINUED



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D. Stormwater Management Program Summary (Cont.)

5. Post Construction Runoff Control:

5.6

BMP ID #

Determine Capacity of Stormwater System Elements

Engineering, D. Willett

Responsible Dept./Person Name

Perform capacity analysis for wet weather events

5.7

BMP ID #

Explore use of Regulations for Recharge to Groundwater

Engineering, D. Willett

Responsible Dept./Person Name

Explore adaptation of Ordinance/Reg for Recharge

5.8

BMP ID #

Explore use of Groundwater Recharge Rates

Engineering, D. Willett

Responsible Dept./Person Name

Explore adaptation of MADEP SWMP Std 3

5.9

BMP ID #

Explore Post-Development Peak Discharge Rates

Engineering, D. Willett

Responsible Dept./Person Name

Explore adaptation of MADEP SWMP Std 2

5.10

BMP ID #

Explore Requirements for Removal of 80% TSS

Engineering, D. Willett

Responsible Dept./Person Name

Explore adaptation of MADEP SWMP Std 4 & 7

6. Municipal Good Housekeeping:

6.6

BMP ID #

Establish Maintenance Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Vector/flush stormdrains to remove sedimentation

6.7

BMP ID #

Establish Maintenance Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Clean drainage brooks to remove sedimentation

6.8

BMP ID #

Establish Maintenance Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Clean catch basins every 2 years

6.9

BMP ID #

Establish Maintenance Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Sweep Streets 2 times per year

6.10

BMP ID #

Establish Maintenance Procedures

Utilities, L. Taverna

Responsible Dept./Person Name

Calibrate salt & sand spreaders annually

BMP ID #

Specify Best Management Practice



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D. Stormwater Management Program Summary (cont.)

7. BMPs for Meeting TMDL:

7.1

BMP ID #

Check Criteria for Meeting
TMDL

Utilities, L. Taverna
Responsible Dept./Person Name

EPA criteria for TMDL's
checked

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

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.

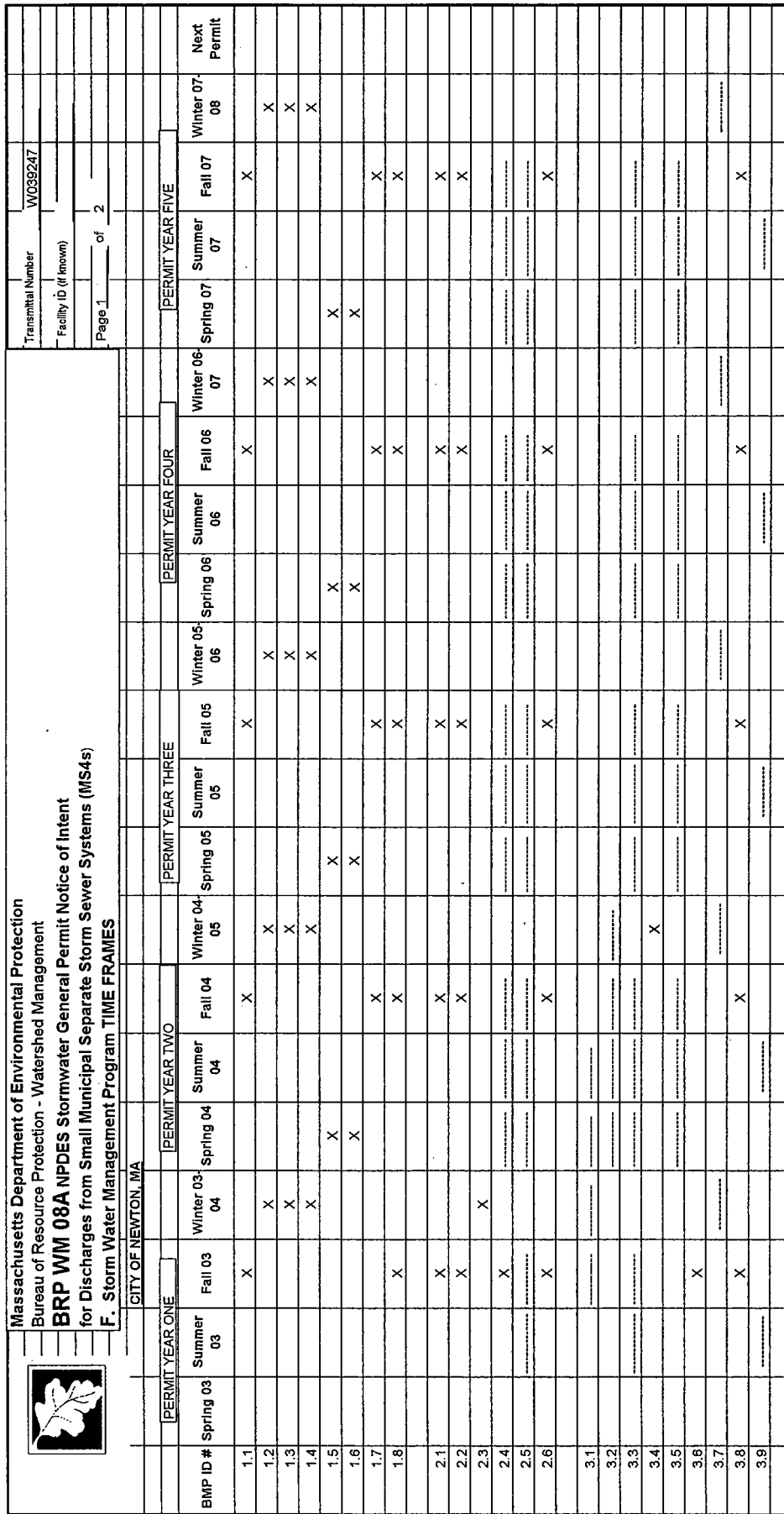
David B. Cohen, Mayor

Printed Name

Signature

Date

7/29/03



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