



Hand-enter Your Transmittal Number

1155
W 035665

Your unique Transmittal Number can be accessed through DEP's web site or by calling the DEP InfoLine as listed on the last page of this document

Massachusetts Department of Environmental Protection Transmittal Form for Permit Application and Payment

Instructions

1. Please type or print. A separate Transmittal Form must be completed for each permit application.

2. Your check should be made payable to the Commonwealth of Massachusetts. Please mail your check along with a copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211.

3. Three (3) copies of this form will be needed.

Copy 1 (the original) must accompany your permit application.

Copy 2 must accompany your fee payment.

Copy 3 should be retained for your records

4. Both fee-paying and exempt applicants must mail a copy of this transmittal form to DEP, P.O. Box 4062, Boston, MA 02211

For DEP Use Only
Permit No. _____
Rec'd Date _____
Reviewer _____

A. Application Information

DEP Permit Code (the 7 or 8 character code from first page of permit application instructions):

BRPWMO8A

Name of Permit Category:

NPDES SMALL MS4 GENERAL PERMIT

Type of Project or Activity:

STORMWATER MANAGEMENT PLAN

B. Applicant Information (Firm or Individual)

Name of Firm:

TOWN OF SANDWICH

Or, if party needing this approval is clearly an individual:

Individual's Last Name:

DUNHAM

First Name

GEORGE

MI

H

Street Address

130 MAIN STREET

City/Town

SANDWICH

State

MA

Zip Code

02563

Telephone Number

(508) 888-5144

ext.

Contact:

PAUL S. TILTON

e-mail address (optional)

PTILTON@TOWNOFSANDWICH.NET

C. Facility, Site or Individual Requiring Approval

Name of Facility, Site or Individual

TOWN OF SANDWICH

DEP Facility Number (if Known)

Street Address

e-mail address:

(optional)

City/Town

State

Zip Code

Telephone Number

()

ext.

D. Application Prepared by (if different from Section B)

Name of Individual or Firm:

Address

City/Town

State

Zip Code

Telephone Number

()

ext.

Contact:

LSP Number (21E only)

E. Permit - Project Coordination

Is this project subject to MEPA review? ☐ yes ☒ no

If yes, indicate the project's EOE file number (assigned when an Environmental Notification Form is submitted to the MEPA unit)

EOEA #

Is an Environmental Impact Report Required? ☐ yes ☒ no

Is this application part of a larger project for which two or more DEP permits are being or will be sought? ☐ yes ☒ no

List any other DEP permits that apply to this project:

Permit Category	Date of Submission (tentative or actual)	Transmittal Number (if application already submitted)

F. Amount Due

Special Provisions: ☒ Fee Exempt* (city, town or municipal housing authority) (state agency if fee is \$100 or less)

☐ Hardship Request [payment extensions according to 310 CMR 4.04(3)(c)]

☐ Alternative Schedule Project (according to 310 CMR 4.05 and 4.10)

*There are no fee exemptions for 21E, regardless of applicant status

Check #:	Dollar Amount:	Date: June 17, 2003
Please make check payable to the Commonwealth of Massachusetts and mail check and one copy of this form to DEP, P.O. Box 4062, Boston, MA 02211		



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

W035665

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)

Important:

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



A. Instructions

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 Sandwich

Name

130 Main Street

Mailing Address

Sandwich

City/Town

508-888-5144

Telephone Number

MA

State

ptilton@townofsandwich.net

Email (if available)

2. Municipality Name

Town of Sandwich

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



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

Facility ID (if known)

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>Peters Pond</u>	<u>1</u>	☒ Yes ☐ No	<u>Metals</u>
Name	Number		Specify
<u>Snake Pond</u>	<u>2</u>	☒ Yes ☐ No	<u>Metals</u>
Name	Number		Specify
<u>Wakeby Pond</u>	<u>2</u>	☒ Yes ☐ No	<u>Metals</u>
Name	Number		Specify
<u>Pimlico Pond</u>	<u>1</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Lower Shawme Pond</u>	<u>3</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Hoxie Pond</u>	<u>1</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Nye pond</u>	<u>1</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Week's Pond</u>	<u>1</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Hog Ponds</u>	<u>2</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Mill Creek</u>	<u>11</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Scorton Creek</u>	<u>3</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Old Dock Creek</u>	<u>4</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u>Old Harbor Creek</u>	<u>3</u>	☐ Yes ☒ No	<u>Specify</u>
Name	Number		
<u> </u>	<u> </u>	☐ Yes ☐ No	<u>Specify</u>
Name	Number		
<u> </u>	<u> </u>	☐ Yes ☐ No	<u>Specify</u>
Name	Number		
<u> </u>	<u> </u>	☐ Yes ☐ No	<u>Specify</u>
Name	Number		
<u> </u>	<u> </u>	☐ Yes ☐ No	<u>Specify</u>
Name	Number		
<u> </u>	<u> </u>	☐ Yes ☐ No	<u>Specify</u>
Name	Number		



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BRP WM 08A NPDES Stormwater General Permit

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

Facility ID (if known)

D. Stormwater Management Program Summary

1. Public Education:

1a

BMP ID #

Current Educational Brochures

Specify Best Management Practice

Town Departments

Responsible Dept./Person Name

of Brochures and Locations
Distributed

1b

BMP ID #

Development Review

Specify Best Management Practice

Town Departments

Responsible Dept./Person Name

of Site Plans Incorporating
BMP's

1c

BMP ID #

Public Display of Stormwater
Management Plan (SMP)

Engineering Department

Responsible Dept./Person Name

of Locations Displayed and
People Reviewing SMP

1d

BMP ID #

Public Meeting

Specify Best Management Practice

Engineering Department

Responsible Dept./Person Name

in Attendance
(Homeowners, Builders)

1e

BMP ID #

Proposed Educational
Brochure

Engineering Department

Responsible Dept./Person Name

of Pamphlets Distributed
Specify Measurable Goal

1f

BMP ID #

Outfall & Catch Basin ID &
Mapping

Engineering Dept/DPW

Responsible Dept./Person Name

of Outfalls & Catch Basins
Mapped

1g

BMP ID #

Web Site Information

Specify Best Management Practice

Engineering Dept

Responsible Dept./Person Name

of Hits
Specify Measurable Goal

1h

BMP ID #

Education Festival

Specify Best Management Practice

Engineering Dept

Responsible Dept./Person Name

in Attendance
Specify Measurable Goal

1i

BMP ID #

Educate DPW Employees

Specify Best Management Practice

Engineering Dept/DPW

Responsible Dept./Person Name

Perform Inspections of
Procedures

1j

BMP ID #

Educational Video

Specify Best Management Practice

Engineering Dept

Responsible Dept./Person Name

of Viewers
Specify Measurable Goal



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Storm Sewer Systems (MS4s)

Facility ID (if known)

D. Stormwater Management Program Summary

1k

BMP ID #

Catch Basin Stencils

Specify Best Management Practice

Engineering Dept/DPW

Responsible Dept./Person Name

of Catch Basin Grates

Specify Measurable Goal

1l

BMP ID #

Stormwater Posters

Specify Best Management Practice

Engineering Department

Responsible Dept./Person Name

of Posters and Locations
Displayed

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

2. Public Participation:

2a

BMP ID #

Development Review

Specify Best Management Practice

Town Departments

Responsible Dept./Person Name

of Site Plans Using BMP's

Specify Measurable Goal

2b

BMP ID #

Public Meeting

Specify Best Management Practice

Engineering Department

Responsible Dept./Person Name

in Attendance

Specify Measurable Goal

2c

BMP ID #

Public Display of Stormwater
Management Plan

Engineering Department

Responsible Dept./Person Name

of Locations Displayed and
Public Comment

2d

BMP ID #

Proposed Educational
Pamphlet

Engineering Department

Responsible Dept./Person Name

of Pamphlets Distributed and
Public Participation

2e

BMP ID #

Illicit Discharge Identification

Specify Best Management Practice

Engineering Department

Responsible Dept./Person Name

of Illicit Discharges Identified

Specify Measurable Goal



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Storm Sewer Systems (MS4s)

Facility ID (if known)

D. Stormwater Management Program Summary

2f

BMP ID #

Outfall & Catch Basin ID &
Mapping

Engineering Dept/DPW
Responsible Dept./Person Name

of Outfalls & Catch Basins
Identified & Mapped

2g

BMP ID #

Water Monitoring Program
Specify Best Management Practice

Engineering Dept
Responsible Dept./Person Name

of Waters Monitored
Specify Measurable Goal

2h

BMP ID #

Educational Video
Specify Best Management Practice

Engineering Dept
Responsible Dept./Person Name

of People Viewing
Specify Measurable Goal

2i

BMP ID #

Education Festival
Specify Best Management Practice

Engineering Dept
Responsible Dept./Person Name

in Attendance & Public
Involvement

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

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

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Transmittal Number

Facility ID (if known)

D. Stormwater Management Program Summary (Cont.)

3. Illicit Discharge Detection and Elimination:

3a BMP ID # Recycling Program Specify Best Management Practice	Engineering Dept/DPW Responsible Dept./Person Name	Volume of Disposal & # of Pamphlets Distributed
3b BMP ID # Sandwich Village - Stormwater Assessment	Engineering Department Responsible Dept./Person Name	# of Outfalls, Areas Mitigated and Water Quality
3c BMP ID # Illicit Discharge & Dumping Identification	Engineering Dept/DPW Responsible Dept./Person Name	# of Illicit Discharges Detected and Corrected
3d BMP ID # Catch Basin Cleaning Specify Best Management Practice	Engineering Dept/DPW Responsible Dept./Person Name	# of Catch Basins Cleaned Specify Measurable Goal
3e BMP ID # Outfall & Catch Basin ID and Mapping	Engineering Dept/DPW Responsible Dept./Person Name	# of Outfalls & Catch Basins Identified & Mapped
3f BMP ID # Educational Information Specify Best Management Practice	Engineering Dept Responsible Dept./Person Name	# of Brochures Distributed Specify Measurable Goal
3g BMP ID # Allowable Non-Stormwater Discharges	Engineering Dept Responsible Dept./Person Name	# of Pollution Contributors Identified & Corrected
3h BMP ID # Town ByLaw - Illegal Disposal Specify Best Management Practice	Engineering Dept Responsible Dept./Person Name	# of Illegal Disposals & Fines Specify Measurable Goal
3i BMP ID # Water Sampling Specify Best Management Practice	Engineering Dept/Health Dept Responsible Dept./Person Name	# of Waters Sampled and Water Quality Improvements
BMP ID # Specify Best Management Practice	Responsible Dept./Person Name	Specify Measurable Goal



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Facility ID (if known)

D. Stormwater Management Program Summary (Cont.)

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

BMP ID #

Specify Best Management Practice

Responsible Dept./Person Name

Specify Measurable Goal

4. Construction Site Runoff Control:

4a

BMP ID #

Town ByLaw - Driveway
Regulation

Engineering Dept/Building
Dept

of Violations

Specify Measurable Goal

4b

BMP ID #

Existing Laws & Regulations
Specify Best Management Practice

Town Departments
Responsible Dept./Person Name

of Site Plans/Developers
Installing BMP's

4c

BMP ID #

Educational Information &
Public Participation

Town Departments
Responsible Dept./Person Name

Distributed
Specify Measurable Goal

4d

BMP ID #

Development Review
Specify Best Management Practice

Town Departments
Responsible Dept./Person Name

of Site Plans/Developers
Using BMP's

4e

BMP ID #

Consideration of Public
Information

Town Departments
Responsible Dept./Person Name

Recorded Information & # of
Violations



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Storm Sewer Systems (MS4s)

Facility ID (if known)

D. Stormwater Management Program Summary (Cont.)

4f

BMP ID #

Site Inspections

Specify Best Management Practice

Town Departments

Responsible Dept./Person Name

of Violations

Specify Measurable Goal

4g

BMP ID #

Recommended BMP's

Specify Best Management Practice

Engineering Department

Responsible Dept./Person Name

of Developers Using BMP's

Specify Measurable Goal

4h

BMP ID #

Zoning ByLaw - Erosion
Control

Engineering Dept/Building
Dept

of New Laws, Violations, &
Developers Using BMP's

4i

BMP ID #

Erosion Control Guidelines

Specify Best Management Practice

Engineering Dept/Building
Dept

Distributed

Specify Measurable Goal

4j

BMP ID #

Subdivision Rules &
Regulations

Engineering Dept/Planning
Dept

of New Rules & Site Plans
Using BMP's

4k

BMP ID #

Water Sampling

Specify Best Management Practice

Engineering Dept/Health Dept

Responsible Dept./Person Name

Sampled & Water Quality

Specify Measurable Goal

4l

BMP ID #

Stormwater Posters

Specify Best Management Practice

Engineering Dept

Responsible Dept./Person Name

of Posters & Locations
Displayed

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



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

Facility ID (if known)

D. Stormwater Management Program Summary (Cont.)

5. Post Construction Runoff Control:

5a

BMP ID #

Growth Incentive Zones -
Stormwater Plans

Engineering Dept/Planning
Dept

Contribution Amount or BMP's
Installed

5b

BMP ID #

Existing Laws & Regulations
Specify Best Management Practice

Town Departments
Responsible Dept./Person Name

of Developments Using
BMP's

5c

BMP ID #

Educational Information &
Public Participation

Town Departments
Responsible Dept./Person Name

Distributed
Specify Measurable Goal

5d

BMP ID #

Development Review
Specify Best Management Practice

Town Departments
Responsible Dept./Person Name

of Site Plans/Developers
Using BMP's

5e

BMP ID #

Catch Basin Cleaning
Specify Best Management Practice

Engineering Dept/DPW
Responsible Dept./Person Name

of Catch Basins Cleaned
Specify Measurable Goal

5f

BMP ID #

Recommended BMP's
Specify Best Management Practice

Engineering Dept
Responsible Dept./Person Name

of Developers Using BMP's
Specify Measurable Goal

5g

BMP ID #

Zoning ByLaw - Erosion
Control

Engineering Dept/Building
Dept

of New Laws, Violations &
BMP's Installed

5h

BMP ID #

Erosion Control Guidelines
Specify Best Management Practice

Engineering Dept/Building
Dept

of Pamphlets Distributed
Specify Measurable Goal

5i

BMP ID #

Subdivision Rules &
Regulations

Engineering Dept/Planning
Dept

of New Laws, Violations &
BMP's Installed

5j

BMP ID #

Water Sampling
Specify Best Management Practice

Engineering Dept/Health Dept
Responsible Dept./Person Name

Sampled & Quality of Water
Specify Measurable Goal

BMP ID #

Specify Best Management Practice



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Storm Sewer Systems (MS4s)

Facility ID (if known)

D. Stormwater Management Program Summary (Cont.)

5k

BMP ID #

Stormwater Posters

Specify Best Management Practice

Engineering Department

Responsible Dept./Person Name

of Posters Created &
Locations Displayed

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

6. Municipal Good Housekeeping:

6a

BMP ID #

Stormwater Mitigation w/
BMP's on Public Streets

Engineering Dept/DPW

Responsible Dept./Person Name

of BMP's Installed & Water
Quality Improvements

6b

BMP ID #

Town Pollution Control &
Mitigation Measures

DPW

Responsible Dept./Person Name

of BMP's Used and Pollution
Incidents

6c

BMP ID #

BMP Projects on Town-Owned
Land

DPW/Engineering Dept

Responsible Dept./Person Name

of BMP's Used & Inspection
of Work Sites

6d

BMP ID #

DPW Facility: On-Site
Stormwater Containment

DPW

Responsible Dept./Person Name

Inspection of Stormwater
Facilities

6e

BMP ID #

DPW Environmental Audit -
EPA Audit Incentive Program

DPW

Responsible Dept./Person Name

Meet Deadline & Inspect
Periodically

BMP ID #

Specify Best Management Practice



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

Facility ID (if known)

D. Stormwater Management Program Summary (Cont.)

6f

BMP ID #

DPW Maintenance Program

Specify Best Management Practice

DPW

Responsible Dept./Person Name

Record # of Cleanings,
Sweepings & Incidents

6g

BMP ID #

DPW Training

Specify Best Management Practice

DPW/Engineering Dept

Responsible Dept./Person Name

Inspection of Procedures &
Work Sites

6h

BMP ID #

Tree Planting Program

Specify Best Management Practice

Tree Warden/Engineering
Dept

of Trees Planted
Specify Measurable Goal

6i

BMP ID #

DPW Brochures

Specify Best Management Practice

DPW/Engineering Dept

Responsible Dept./Person Name

of Brochures Distributed,
BMP's Used & Inspections

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

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

Facility ID (if known)

D. Stormwater Management Program Summary (cont.)

7. BMPs for Meeting TMDL:

7a

BMP ID #

Identification & Mapping of
Outfalls and Catch Basins

Engineering Dept

Responsible Dept./Person Name

of Outfalls & Catch Basins
Identified & Mapped

7b

BMP ID #

Water Sampling

Specify Best Management Practice

Engineering Dept/Health Dept

Responsible Dept./Person Name

of Waters Sampled & Quality
of Water

7c

BMP ID #

BMP Mitigation

Specify Best Management Practice

Engineering Dept/DPW

Responsible Dept./Person Name

of BMP's Installed and Water
Quality Improvements

7d

BMP ID #

Public Education &
Participation

Engineering Dept

Responsible Dept./Person Name

in Attendance, Public
Assistance & Violations

7e

BMP ID #

DPW Maintenance, Cleanup &
ID of Illegal Disposals

DPW/Natural Resource Dept

Responsible Dept./Person Name

Facilities Maintained, Repaired
& Cleaned & Violations

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.

George H. Dunham

Printed Name

George H. Dunham

Signature

6/18/03

Date



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 Stormwater Sewer Systems (MS4's)
F. Storm Water Management Program TIME FRAMES

Transmittal Number: W035665

Facility ID (if known): _____

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BMP ID #	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE			
	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04-05	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
5.1: Public Education & Outreach																				
1a																				
1b																				
1c																				
1d																				
1e																				
1f																				
1g																				
1h																				
1i																				
1j																				
1k																				
1l																				
5.2: Public Involvement & Participation																				
2a																				
2b																				
2c																				
2d																				
2e																				
2f																				
2g																				
2h																				
2i																				
5.3: Illicit Discharge Detection & Elimination																				
3a																				
3b																				
3c																				
3d																				
3e																				
3f																				
3g																				
3h																				
3i																				

Note: Many of the BMP's above will continue beyond the 5-year permit period.



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 Stormwater Sewer Systems (MS4's)
F. Storm Water Management Program TIME FRAMES

Transmittal Number: W035665

Facility ID (if known):

Page: 2 of 3

BMP ID #	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE			
	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04-05	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
5.4: Construction Site Stormwater Runoff Control																				
4a																				
4b																				
4c																				
4d																				
4e																				
4f																				
4g																				
4h																				
4i																				
4j																				
4k																				
4l																				
5.5: Post-Construction Stormwater Management																				
5a																				
5b																				
5c																				
5d																				
5e																				
5f																				
5g																				
5h																				
5i																				
5j																				
5k																				
5.6: Pollution Prevention & Good Housekeeping in Municipal Operations																				
6a																				
6b																				
6c																				
6d																				
6e																				
6f																				
6g																				
6h																				
6i																				

Note: Many of the BMP's above will continue beyond the 5-year permit period.

Measurable Goal: # in Attendance, Public Assistance and Violations

7e. DPW Maintenance, Cleanup and Identification of Illegal Disposals – As discussed in Section 5.6, the DPW will implement maintenance, inspection and disposal programs to ensure that pollutants are minimized or prevented. Illegal disposals will be noted and monitored and fines will be given when necessary.

Timeline: Year 1-5

Responsible Party: DPW/Engineering Department

Measurable Goal: Facilities Maintained, Repaired and Cleaned and Violations Recorded

5.8 Other Permit Requirements and Information

Other permit requirements and information related to the NPDES Regulations are shown below:

Interconnected Municipal Stormwater Systems

The Town of Sandwich will identify, if any, shared stormwater systems with other bordering towns (Barnstable, Bourne and Mashpee) and agencies within Sandwich (e.g., Army Corp of Engineers, MassHighway and Massachusetts Military Reservation). The Town will attempt to work cooperatively with these towns and agencies in an effort to minimize stormwater impacts from interconnected systems.

Water Recharge, Coastal and Wellhead Protection Areas

As described in Section 3.2 (General Areas of Concern) and in Control Measure 5.3, the Town will focus its data collection and improvement efforts on sensitive environmental areas, including water resource, coastal beach and wellhead protection areas. As listed in Section 4.2 (Recent Town Actions), the Town has already installed BMP's in these areas.

Endangered and Threatened Species – Eligibility Criteria

The Town has used the Endangered and Threatened Species List for Barnstable County to determine permit eligibility (see Appendix G). This list includes Piping Plovers, which exist in Sandwich. The Engineering Department and Department of Natural Resources reviewed the known outfall locations in Sandwich and its potential impact on species near these areas. The Town finds that it meets Criteria D of Part I.B.2.e of the permit requirements. To the best of the Towns knowledge and judgement, there is no reason to believe that discharge related activities from the Town of Sandwich will jeopardize the continued existence of any species (e.g., Piping Plovers) or result in the adverse modification or destruction of critical habitat. In fact, based on recent Town drainage improvements, it is likely that water quality in these habitat areas has improved. The Town will continue to monitor and improve water quality in an effort to protect listed species and critical habitats. Additionally, as mentioned in Section 3.2, Cape Cod Commission maps (see Appendix B) identifying rare wetland wildlife and sites for rare species will be reviewed in an effort to prioritize stormwater improvement projects.

ENDANGERED SPECIES RESULTS FOR MASSACHUSETTS**COUNTY:** Barnstable**NUMBER OF SPECIES:** 3

<i>Common Name</i>	<i>Scientific Name</i>	<i>Group</i>
Gerardia, Sandplain	Agalinus Acuta	Plant
Plover, Piping	Charadrius Melodus	Bird
Eagle, Bald	Haliaeetus Leucocephalus	Bird

COUNTY: Berkshire**NUMBER OF SPECIES:** 1

<i>Common Name</i>	<i>Scientific Name</i>	<i>Group</i>
Bat, Indiana	Myotis Sodalis	Mammal

COUNTY: Bristol**NUMBER OF SPECIES:** 2

<i>Common Name</i>	<i>Scientific Name</i>	<i>Group</i>
Plover, Piping	Charadrius Melodus	Bird
Eagle, Bald	Haliaeetus Leucocephalus	Bird

COUNTY: Dukes**NUMBER OF SPECIES:** 3

<i>Common Name</i>	<i>Scientific Name</i>	<i>Group</i>
Plover, Piping	Charadrius Melodus	Bird
Beetle, Northeastern Beach Tiger	Cicindela Dorsalis Dorsalis	Insect
Eagle, Bald	Haliaeetus Leucocephalus	Bird

COUNTY: Essex**NUMBER OF SPECIES:** 3

<i>Common Name</i>	<i>Scientific Name</i>	<i>Group</i>
Plover, Piping	Charadrius Melodus	Bird
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Pogonia, Small Whorled	Isotria Medeoloides	Plant