NOTICE OF INTENT

For Coverage Under the NPDES General Permit
for Storm Water Discharges from
Small Municipal Separate Storm Sewer Systems (MS4s)

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 NPDES General Permit issued by EPA for storm water 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 of the information required on this Notice of Intent form and the separate Storm Water Management Program (SWMP) Implementation Schedule form (Excel Spreadsheet), must be completed. Please read the permit and make sure you comply with all requirements, including the requirement to develop and implement a storm water management program.

B. Applicant Information

1. Small MS4 Operator/Owner Information:
   
   Mr. James Barrington, Town Manager
   
   Name
   
   100 Winnacunnet Road
   
   Mailing Address
   
   Hampton
   
   City/Town
   
   (603) 926-3202
   
   Telephone Number
   
   New Hampshire
   
   State
   
   03842
   
   Email (if available)

2. Municipality Name
   
   Hampton
   
   City/Town

3. Legal Status:
   
   ☐ Federal
   
   ☒ City/Town
   
   ☐ State
   
   ☐ County
   
   ☐ Private

   ☐ Other public entity: Specify Public Entity

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

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 8, 2008

MUNICIPAL ASSISTANCE UNIT
NOTICE OF INTENT
For Coverage Under the NPDES General Permit
for Storm Water Discharges from
Small Municipal Separate Storm Sewer Systems (MS4s)

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

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C. Names of (Presently Known) Receiving Waters

<table>
<thead>
<tr>
<th>Receiving Water</th>
<th>No. of Outfalls</th>
<th>Listed as Impaired?</th>
<th>Impairment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tide Mill Creek</td>
<td>Number</td>
<td>☐ Yes ☒ No</td>
<td>Specify Copper-Multiple Point Sources</td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify Mercury-Atmospheric Deposition Toxics</td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify PCBs &amp; Dioxin-Unknown Source</td>
</tr>
<tr>
<td>Old River (partial)</td>
<td>Number</td>
<td>☐ Yes ☒ No</td>
<td>Specify Total Fecal Coliform-Multiple Points Source Discharges</td>
</tr>
<tr>
<td>Drakes River (partial)</td>
<td>Number</td>
<td>☐ Yes ☒ No</td>
<td>Specify</td>
</tr>
<tr>
<td>Coffin Pond</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify</td>
</tr>
<tr>
<td>Meadow Pond</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify</td>
</tr>
<tr>
<td>Old Mill Pond</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify</td>
</tr>
<tr>
<td>Lamprey Pond</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify</td>
</tr>
<tr>
<td>Nilus Brook</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify</td>
</tr>
<tr>
<td>Atlantic Ocean</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify PCBs, Dioxin, and Total Fecal Coliform – Unknown Sources</td>
</tr>
<tr>
<td>Hampton Beach (Atlantic Ocean)</td>
<td>Number</td>
<td>☒ Yes ☐ No</td>
<td>Specify PCBs, Dioxin and Total Fecal Coliform – Unknown Sources</td>
</tr>
</tbody>
</table>
NOTICE OF INTENT
For Coverage Under the NPDES General Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

D. Storm Water Management Program Summary

1. Public Education:

1A
BMP ID #
General Public Education Brochure
Specify Best Management Practice
1B
BMP ID #
Media Messages
Specify Best Management Practice
1C
BMP ID #
Classroom Education
Specify Best Management Practice
1D
BMP ID #
Continue Integrated Pest Management Program
Specify Best Management Practice
3C
BMP ID #
Door hanger for Illicit Discharge
Specify Best Management Practice
1E
BMP ID #
Continue Enforcement of Aquifer Protection Ordinance
Specify Best Management Practice
1F
BMP ID #
Pet Waste Management
Specify Best Management Practice

Conservation Commission Chairman
Year 2 Develop Brochure
Year 3 Distribute
Specify Measurable Goal

Responsible Dept./Person Name

DPW Storm Water Coord.
Year 1 Develop Message
Years 2-5 Broadcast
Specify Measurable Goal

Responsible Dept./Person Name

Enrichment Program Director
Year 1 Develop Program
Years 2-5 Implement 1 Program Per Year
Specify Measurable Goal

Responsible Dept./Person Name

Schools Facilities Manager
Years 1-2 Continue Program
Specify Measurable Goal

Responsible Dept./Person Name

DPW Storm Water Coord.
Year 1 Develop Hanger
Year 2 Begin Use
Specify Measurable Goal

Responsible Dept./Person Name

Board of Selectman

Years 1-5 Continue Ordinance Enforcement
Specify Measurable Goal

Responsible Dept./Person Name

DPW Storm Water Coord.
Year 2 ID Pet Waste Locations
Year 3 Install Baggie Dispensers
Specify Measurable Goal

Responsible Dept./Person Name
D. Storm Water Management Program Summary (Cont.)

2. Public Participation:

2A
BMP ID #
Follow Town Public Notice Requirements Specify Best Management Practice
Planning Board Responsible Dept./Person Name
Years 1-5 Follow Requirements when Applicable Specify Measurable Goal

2B
BMP ID #
Initial SWMP Development Stakeholder Meeting Specify Best Management Practice
DPW Storm Water Coord. Responsible Dept./Person Name
Year 1 Task Completed Specify Measurable Goal

1C
BMP ID #
Classroom Education Specify Best Management Practice
Enrichment Program Director Responsible Dept./Person Name
Year 1 Develop Program Years 2-5 Implement 1 Program Per Year Specify Measurable Goal

2C
BMP ID #
Quarterly Stakeholder Meetings Specify Best Management Practice
DPW Storm Water Coord. Responsible Dept./Person Name
Year 1 Establish Stakeholder Group Years 1-5 Meet Quarterly to Implement Program Specify Measurable Goal

2D
BMP ID #
Seacoast Beach Clean Up Day and Earth Day Activities Specify Best Management Practice
DPW Storm Water Coord. Responsible Dept./Person Name
Years 1-5 Participate Annually Specify Measurable Goal

3. Illicit Discharge Detection and Elimination:

3A
BMP ID #
Develop Storm Sewer System Map Specify Best Management Practice
DPW Storm Water Coord. Responsible Dept./Person Name
Year 1 90% complete Year 2-3 Field Check and Revise Year 4 Map 100% complete Year 5 Evaluate O&M Incorporation Specify Measurable Goal

3B
BMP ID #
Sewer Ordinance Revision Specify Best Management Practice
DPW Storm Water Coord. Responsible Dept./Person Name
Year 1 Initiate Revisions Year 2 Finalize and Enforce Specify Measurable Goal
### D. Storm Water Management Program Summary (Cont.)

<table>
<thead>
<tr>
<th>ID</th>
<th>BMP ID #</th>
<th>Description</th>
<th>Responsible Dept./Person Name</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Years 3-5</th>
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<tbody>
<tr>
<td>3C</td>
<td></td>
<td>IDDE Tracking Program</td>
<td>DPW Storm Water Coord.</td>
<td>Develop IDDE Program</td>
<td>Track IDDE Program</td>
<td>Implement and Enforce</td>
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<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
<td>Responsible Dept./Person Name</td>
<td></td>
<td></td>
<td>Specify Measurable Goal</td>
</tr>
<tr>
<td>3D</td>
<td></td>
<td>IDDE Education Program</td>
<td>DPW Storm Water Coord.</td>
<td>Develop Program</td>
<td>Train 100% Applicable Employees</td>
<td>Repeat Training as Necessary</td>
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<tr>
<td></td>
<td></td>
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<td>Responsible Dept./Person Name</td>
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<td>Specify Measurable Goal</td>
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<tr>
<td>3E</td>
<td></td>
<td>IDDE Hotline Publicity</td>
<td>DPW Storm Water Coord.</td>
<td>Publicize Hotline</td>
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<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
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<td>Specify Measurable Goal</td>
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<td>3F</td>
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<td>Continue Household Hazardous Waste Collection</td>
<td>DPW Storm Water Coord.</td>
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<td>Specify Best Management Practice</td>
<td>Responsible Dept./Person Name</td>
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<td>Specify Measurable Goal</td>
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<tr>
<td>3G</td>
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<td>Evaluate IDDE Program/Revise</td>
<td>DPW Storm Water Coord.</td>
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<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
<td>Responsible Dept./Person Name</td>
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<td></td>
<td>Specify Measurable Goal</td>
</tr>
<tr>
<td>1A</td>
<td></td>
<td>General Public Education Brochure</td>
<td>Conservation Commission Chairman</td>
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<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
<td>Responsible Dept./Person Name</td>
<td></td>
<td></td>
<td>Specify Measurable Goal</td>
</tr>
<tr>
<td>1B</td>
<td></td>
<td>Media Messages</td>
<td>DPW Storm Water Coord.</td>
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<tr>
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<td>Specify Best Management Practice</td>
<td>Responsible Dept./Person Name</td>
<td></td>
<td></td>
<td>Specify Measurable Goal</td>
</tr>
</tbody>
</table>
D. Storm Water Management Program Summary (Cont.)

1C
BMP ID #

Classroom Education Specifying Best Management Practice
Enrichment Program Director Responsible Dept./Person Name

Year 1 Develop Program
Year 2-5 Implement 1 Program per Year
Specify Measurable Goal

4. Construction Site Runoff Control:

4A
BMP ID #

Revise Ordinances Specifying Best Management Practice
Planning Board Responsible Dept./Person Name

Year 1 Review Existing Programs
Year 2 Begin Ordinance Revisions
Year 3 Adopt Changes Years 4-5 Implement and Enforce
Specify Measurable Goal

4B
BMP ID #
Train Municipal Employees Specifying Best Management Practice
Building Inspector Responsible Dept./Person Name

Year 3 Train Employees
Specify Measurable Goal

5. Post Construction Runoff Control:

5A
BMP ID #

Revise Existing Ordinances Specifying Best Management Practice
Planning Board Responsible Dept./Person Name

Year 3 Review Existing Programs
Year 4 Revise Ordinance
Year 5 Implement and Enforce Ordinance
Specify Measurable Goal

Specify Measurable Goal
### D. Storm Water Management Program Summary (Cont.)

#### 6. Municipal Good Housekeeping:

<table>
<thead>
<tr>
<th>6A</th>
<th>BMP ID #</th>
<th>Municipal DPW SWPPP</th>
<th>DPW Storm Water Coord.</th>
<th>Responsible Dept./Person Name</th>
<th>Year 1 Implement DPW complex SWPPP</th>
<th>Specify Measurable Goal</th>
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</thead>
<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>6B</th>
<th>BMP ID #</th>
<th>Municipal Operations Changes</th>
<th>DPW Storm Water Coord.</th>
<th>Responsible Dept./Person Name</th>
<th>Year 1 Identify Municipal Operations</th>
<th>Year 2 Review/Inspect Municipal Operations</th>
<th>Year 3-5 Implement BMP recommendations</th>
<th>Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>Specify Best Management Practice</td>
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</table>

<table>
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<tr>
<th>3D</th>
<th>BMP ID #</th>
<th>Employee Training</th>
<th>DPW Storm Water Coord.</th>
<th>Responsible Dept./Person Name</th>
<th>See IDDE Item 3D</th>
<th>Specify Measurable Goal</th>
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<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>6C</th>
<th>BMP ID #</th>
<th>Continue Street Sweeping</th>
<th>DPW Storm Water Coord.</th>
<th>Responsible Dept./Person Name</th>
<th>Years 1-5 Continue Street Sweeping</th>
<th>Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>6D</th>
<th>BMP ID #</th>
<th>Continue Catch Basin Cleaning</th>
<th>DPW Storm Water Coord.</th>
<th>Responsible Dept./Person Name</th>
<th>Years 1-5 Continue Catch Basin Cleaning</th>
<th>Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6E</th>
<th>BMP ID #</th>
<th>Pursue Funding for Updated Catch Basin Cleaning Equipment</th>
<th>Public Works Operation Manager</th>
<th>Responsible Dept./Person Name</th>
<th>Year 1 Pursue funding Year 2 Increase Frequency and Efficiency if Purchased</th>
<th>Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Specify Best Management Practice</td>
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</table>
## D. Stormwater Management Program Summary (cont.)

<table>
<thead>
<tr>
<th>BMP ID #</th>
<th>Year 1 Continue Program, Review Annually, Revise as Necessary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Public Works Operation Manager Specify Measurable Goal</td>
</tr>
<tr>
<td></td>
<td>Responsible Dept./Person Name</td>
</tr>
<tr>
<td></td>
<td>Years 2-5 Review and Revise Program as Necessary</td>
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</tbody>
</table>

### 7. BMPs for Meeting Requirements of Part I.C. (Discharges to Water Quality Impaired Waters) and Part I.D. (Total Maximum Daily Load Allocations):

<table>
<thead>
<tr>
<th>BMP ID #</th>
<th>Year 2 Develop Brochure Year 3 Distribute Brochure Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Public Education Brochure Conservation Commission Chairman</td>
</tr>
<tr>
<td></td>
<td>Specify Best Management Practice Responsible Dept./Person Name</td>
</tr>
<tr>
<td></td>
<td>Year 2 Develop Media Message Year 2-5 Broadcast Messages Specify Measurable Goal</td>
</tr>
<tr>
<td>1B</td>
<td>Media Messages Specify Best Management Practice</td>
</tr>
<tr>
<td></td>
<td>Public Works Operation Manager Responsible Dept./Person Name</td>
</tr>
<tr>
<td>1C</td>
<td>Year 1 Develop Program Year 2-5 Implement 1 Program per Year Specify Measurable Goal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMP ID #</th>
<th>Classroom Education Enrichment Program Director Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Specify Best Management Practice Responsible Dept./Person Name</td>
</tr>
<tr>
<td>1F</td>
<td>Year 2 ID Pet Waste Locations Year 3 Install Baggie Dispensers Specify Measurable Goal</td>
</tr>
<tr>
<td></td>
<td>Pet Waste Management DPW Storm Water Coord. Specify Measurable Goal</td>
</tr>
<tr>
<td></td>
<td>Specify Best Management Practice Responsible Dept./Person Name</td>
</tr>
<tr>
<td>3B</td>
<td>Year 1 Initiate Revisions Year 2 Finalize and Enforce Specify Measurable Goal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMP ID #</th>
<th>Sewer Ordinance Revision Public Works Operations Manager Specify Measurable Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Specify Best Management Practice Responsible Dept./Person Name</td>
</tr>
</tbody>
</table>
D. Storm Water Management Program Summary (Cont.)

3C
BMP ID #

Public Works Operations Manager
Specify Best Management Practice
Responsible Dept./Person Name
Year 1 Develop IDDE Program
Year 2 Track IDDE Program
Years 3-5 Implement and Enforce
Specify Measurable Goal

3D
BMP ID #

Public Works Operations Manager
Specify Best Management Practice
Responsible Dept./Person Name
Year 1 Develop Program
Year 2 Train 100% Applicable Employees
Year 3 Repeat Training as Necessary
Specify Measurable Goal

3E
BMP ID #

Public Works Operations Manager
Specify Best Management Practice
Responsible Dept./Person Name
Years 1-5 Publicize Hotline
Specify Measurable Goal

IDDE Hotline Publicity
Specify Best Management Practice
6A
BMP ID #

Public Works Operations Manager
Specify Best Management Practice
Responsible Dept./Person Name
Year 1 Implement DPW Complex SWPPP
Specify Measurable Goal

Municipal DPW SWPPP
Specify Best Management Practice
6B
BMP ID #

Public Works Operations Manager
Specify Best Management Practice
Responsible Dept./Person Name
Year 1 Identify Municipal Operations
Year 2 Review/Inspect Municipal Operations
Years 3-5 Implement BMP recommendations
Specify Measurable Goal

Municipal Operations Changes
Specify Best Management Practice
6C
BMP ID #

Public Works Operations Manager
Specify Best Management Practice
Responsible Dept./Person Name
Years 1-5 Continue Street Sweeping
Specify Measurable Goal

Continue Street Sweeping
Specify Best Management Practice
Responsible Dept./Person Name
Years 1-5 Continue Street Sweeping
Specify Measurable Goal
D. Storm Water Management Program Summary (Cont.)

6D
BMP ID #
Continue Catch Basin Cleaning
Specify Best Management Practice
DPW Storm Water Coord. Responsible Dept./Person Name
Years 1-5 Continue Catch Basin Cleaning Specify Measurable Goal

6E
BMP ID #
Pursue Funding for Updated Catch Basin Cleaning Equipment
Specify Best Management Practice
Public Works Operation Manager Responsible Dept./Person Name
Year 1 Pursue funding Year 2 Increase Frequency and Efficiency if Purchased 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.

James S Barrington, Town Manager
Printed Name

Signature

Date 7-25-2003
HAMPTON STORM WATER MANAGEMENT PROGRAM

Final Copy 6/3/2003

The EPA requires that the Storm Water Management Program address the following six minimum control measures:

1. Public Education and Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Storm Water Runoff Control
5. Post-Construction Storm Water Management in New Development and Redevelopment
6. Pollution Prevention/Good Housekeeping in Municipal Operations
1. Public Education and Outreach

Required

The permittee must implement a public education program to distribute educational material to the community. The public education program must provide information concerning the impact of storm water discharges on water bodies. It must address steps and/or activities that the public can take to reduce the pollutants in storm water runoff. The following should be included in education and outreach efforts:

(a.) information regarding industrial, commercial, and residential activities including illegal dumping into storm drains;
(b.) coordinate activities with local groups (i.e. watershed associations, or schools);
(c.) materials for outreach/education may include, but are not limited to, pamphlets; fact sheets; brochures; public service announcements; storm drain stenciling and newspaper advertisements; and
(d.) topics may include, but are not limited to, litter disposal, pet waste, household hazardous waste disposal, proper use of fertilizer and pesticides. (This list is intended to provide examples of education topics, the permittee is encouraged to use a variety of methods for public education).

Suggested Guidelines for Development and Implementation from the USEPA Storm Water Phase II Compliance Assistance Guide

- **Forming Partnerships** - Operators of regulated small MS4s are encouraged to enter into partnerships with other governmental entities to fulfill this minimum control measure’s requirements. It is generally more cost-effective to use an existing program, or to develop a new regional or statewide education program, than to have numerous operators developing their own local programs. Operators also are encouraged to seek assistance from non-governmental organizations (e.g., environmental, civic, and industrial organizations), since many already have educational materials and perform outreach activities.

- **Using Educational Materials and Strategies** - Operators of regulated small MS4s may use storm water educational information provided by their State, Tribe, EPA Region, or environmental, public interest, or trade organizations instead of developing their own materials. Operators should strive to make their materials and activities relevant to local situations and issues, and incorporate a variety of strategies to ensure maximum coverage. Some examples include:
  - *Brochures or fact sheets* for general public and specific audiences;
  - *Recreational guides* to educate groups such as golfers, hikers, paddlers, climbers, fishermen, and campers;
  - *Alternative information sources*, such as web sites, bumper stickers, refrigerator magnets, posters for bus and subway stops, and restaurant placemats;
  - *A library of educational materials* for community and school groups;
  - *Volunteer citizen educators* to staff a *public education task force*;
  - *Event participation* with educational displays at home shows and community festivals;
  - *Educational programs* for school-age children;
  - *Storm drain stenciling* of storm drains with messages such as “Do Not Dump - Drains Directly to Lake;”
  - *Storm water hotlines* for information and for citizen reporting of polluters;
  - *Economic incentives* to citizens and businesses (e.g., rebates to homeowners purchasing mulching lawn mowers or biodegradable lawn products); and
  - *Tributary signage* to increase public awareness of local water resources.

- **Reaching Diverse Audiences** - The public education program should use a mix of appropriate local strategies to address the viewpoints and concerns of a variety of audiences and communities, including minority and disadvantaged communities, as well as children. Printing posters and brochures in more than one language or posting large warning signs (e.g., cautioning against fishing or swimming) near storm sewer outfalls are methods that can be used to reach audiences less likely to read standard materials. Directing materials or outreach programs toward specific groups of commercial, industrial, and institutional entities likely to have significant storm water impacts is also recommended. For example, information could be provided to restaurants on the effects of grease clogging storm drains and to auto garages on the effects of dumping used oil into storm drains.
Summary of Current Status

- The Town of Hampton is primarily a residential municipality. The primary industry for the Town is tourism in the Beach area. The General Permit specifically requires that municipalities prioritize Beach areas as sensitive areas to target for their Storm Water Management Program (SWMP). This minimum control measure will focus on continuing and expanding public education programs related to storm water that are already ongoing. Specifically, the goals for this measure will include the use of the Enrichment Program in the public education system, and the Conservation Commission, using contacts and networks developed by the Project Impact program (initiated under FEMA).

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## 1. Public Education and Outreach

<table>
<thead>
<tr>
<th>Purpose of Goal</th>
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</table>
| Distribute educational material to the community                              | 1A. General Public Education Brochure - develop a brochure or use an existing brochure from another entity that addresses potential pollutants, effects of potential pollutants, and alternative actions by public | YEAR 2 Complete development and production of brochure                             | Conservation Commission Chairman         | Brochure ideas, for possible distribution by Aquarian Water in utility bills:  
  - pet waste brochure distributed with licenses  
  - pool brochure (when/how to discharge)  
  - overwatering  
  - car washing  
  - lawn treatments  
  - boat sewage pumpout                                                                 |
|                                                                                |                                                                              | YEAR 3 Distribute brochures to all households in urbanized area                     |                                          |                                                                                                                                                                                                         |
|                                                                                | See 3C Illicit Discharge Minimum Control Measure for door hanger distribution | Tracked under Illicit Discharge, Detection and Elimination                           |                                          |                                                                                                                                                                                                         |
| 1B Media Message - provide public education message on Channel 22 and in Town Report for storm water education |                                                                              | YEAR 1 Develop messages/information                                                  | DPW Storm Water Coord.                   |                                                                                                                                                                                                         |
|                                                                                |                                                                              | YEARS 2-5 Begin broadcasting message                                                |                                          |                                                                                                                                                                                                         |
| Coordinate activities with local groups, such as watershed associations and schools | 1C Classroom Education - perform K through 12 education of storm water impacts and actions public can take. Implement one program per year | YEAR 1 Coordinate educational programs by developing programs                       | Enrichment Program Director              | YEAR 1: Stenciling scheduled for Fall 2003  
  Ideas for years 2-5:  
  - Eagle Scout program  
  - Senior projects  
  - Portsmouth video  
  Other key messages see brochure ideas above |
|                                                                                |                                                                              | YEARS 2-5 Implement one program per year                                            |                                          |                                                                                                                                                                                                         |
| 1D Continue Integrated Pest Management Program at Schools                     |                                                                              | YEARS 1-2 Continue Program, Implement recommendations                              | Schools Facilities Manager              | This program is directed at ways to minimize the use of pesticides on the school grounds                                                                                                                  |

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<tr>
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<tbody>
<tr>
<td>Continue existing programs and develop new programs</td>
<td>1E Continue Enforcement of Aquifer Protection Ordinance</td>
<td>YEARS 1-5 Continue Enforcement</td>
<td>Board of Selectmen</td>
<td>This ordinance contains restrictions to protect groundwater that also protect receiving waters from storm water runoff such as limiting the amount of impervious area in the Aquifer Protection District</td>
</tr>
<tr>
<td>1F Pet Waste Management</td>
<td>YEAR 2 Identify target locations YEAR 3 Install dispensers</td>
<td>DPW Storm Water Coord.</td>
<td>Install Pet Waste Baggie Dispensers</td>
<td></td>
</tr>
</tbody>
</table>
2. Public Participation/Involvement

Required

All public involvement activities in the State of New Hampshire must comply with state public notice requirements, RSA 91A. Activities must also comply with local and Tribal requirements, as appropriate.

(a.) The permittee must provide opportunity for the public to participate in the development, implementation and review of the storm water management program.

(b.) Activities may also include volunteer stream monitoring or formation of a storm water management committee. (These are examples of public involvement activities, the permittee is encouraged to use a wide range of activities to maximize public involvement.)

Suggested Guidelines for Development and Implementation from the USEPA Storm Water Phase II Compliance Assistance Guide

Operators of regulated small MS4s should include the public in developing, implementing, and reviewing their storm water management programs. The public participation process should make every effort to reach out and engage all economic and ethnic groups. EPA recognizes that there are challenges associated with public involvement. Nevertheless, EPA strongly believes that these challenges can be addressed through an aggressive and inclusive program. There are a variety of practices that could be incorporated into a public participation and involvement program, such as:

- **Public meetings/citizen panels** allow citizens to discuss various viewpoints and provide input concerning appropriate storm water management policies and BMPs;
- **Volunteer water quality monitoring** gives citizens first-hand knowledge of the quality of local water bodies and provides a cost-effective means of collecting water quality data;
- **Volunteer educators/speakers**, who can conduct workshops, encourage public participation, and staff special events;
- **Storm drain stenciling** is an important and simple activity that concerned citizens, especially students, can do;
- **Community clean-ups** along local waterways, beaches, and around storm drains;
- **Citizen watch groups** can aid local enforcement authorities in the identification of polluters; and
- **“Adopt a Storm Drain” programs** encourage individuals or groups to keep storm drains free of debris and to monitor what is entering local waterways through storm drains.

Summary of Current Status

Whenever the Town develops new ordinances or regulations related to this Storm Water Management Plan, the Town will comply with public notice requirements. In addition, some of the public education components of the Storm Water Management Plan include public participation. Participation by the Conservation Commission and Education Department will be a component of the Public Education measure. The Town of Hampton has elected to hold Quarterly Storm Water Stakeholder meetings in an effort to fulfill elements of this plan in a timely manner.
## 2. Public Participation/Involvement

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<th>Responsible Party</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>Follow state public notice requirements</td>
<td>2A Follow Town Public Notice Requirements</td>
<td>YEARS 1-5 Observe all requirements</td>
<td>Planning Board</td>
<td>Others responsible as necessary</td>
</tr>
<tr>
<td></td>
<td>Whenever applicable during implementation of Storm Water Management Program, public notice requirements will be met</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Provide opportunities for public participation</td>
<td>2B Initial SWMP Development</td>
<td>YEAR 1 Invitations extended during plan development</td>
<td>DPW Storm Water Coord.</td>
<td>Task Completed</td>
</tr>
<tr>
<td></td>
<td>Invite specific potentially interested parties to join stakeholder group responsible for the development of this Storm Water Management Program (SWMP)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>See 1C Public Education of Kindergarten through 12</td>
<td></td>
<td>YEARS 1-5 Tracked through Public Education</td>
<td>DPW Storm Water Coord.</td>
<td>Conservation Commission and Education Department Participation, possible DOT participation</td>
</tr>
<tr>
<td>2C Quarterly Stakeholder Meetings</td>
<td>Utilize existing citizens/stakeholder groups to consider initiatives, such as a drain stenciling program, or “Adopt a Stream” program</td>
<td>YEAR 1 Establish Stakeholder Group</td>
<td>DPW Storm Water Coord.</td>
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<td></td>
<td>YEARS 1-5 Meet on a quarterly basis to implement SWMP</td>
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<tr>
<td>2D Assist with Seacoast Beach Clean Up Day and Earth Day activities</td>
<td>YEARS 1-5 Participate in events annually</td>
<td>DPW Storm Water Coord.</td>
<td>Education Department Participation</td>
<td></td>
</tr>
</tbody>
</table>

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3. Illicit Discharge Detection and Elimination (IDDE)

Required

The permittee must develop, implement and enforce a program to detect and eliminate illicit discharges. An illicit discharge is any discharge to a municipal separate storm sewer that is not composed entirely of storm water. Exceptions are discharges pursuant to an NPDES permit (other than the NPDES permit for discharges from the municipal sewer system), allowable non-storm water discharges described at Part 1.F and discharges resulting from fire fighting activities.

(a.) If not already existing, the permittee must develop a storm sewer system map. At a minimum, the map must show the location of all outfalls and the names of all waters that receive discharges from those outfalls. Additional elements may be included on the map, such as, location of catch basins, location of manholes, and location of pipes within the system. Initial mapping should be based on all existing information available to the permittee including city records and drainage maps. Field surveys may be necessary to verify existing records and locate all outfalls.

(b.) To the extent allowable under state, Tribal or local law, the permittee must effectively prohibit, through an ordinance or other regulatory mechanism, non-storm water discharges into the system and implement appropriate enforcement procedures and actions. If a regulatory mechanism does not exist, development and adoption of such a mechanism must be included as part of the storm water management program.

(c.) The permittee must develop and implement a plan to detect and address non-storm water discharges, including illegal dumping, into the system. The illicit discharge plan must contain the following elements:

i. Procedures to identify priority areas. This includes areas suspected of having illicit discharges, for example: older areas of the city, areas of high public complaints and areas of high recreational value or high environmental value such as beaches and drinking water sources.

ii. Procedures for locating illicit discharges (i.e. visual screening of outfalls for dry weather discharges, dye or smoke testing)

iii. Procedures for locating the source of the discharge and procedures for the removal of the source.

iv. Procedures for documenting actions and evaluating impact on the sewer system subsequent to the removal.

(d.) The permittee must inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper waste disposal.

(e.) The non-storm water discharges must be addressed if they are identified as being significant contributors of pollutants

Suggested Guidelines for Development and Implementation from the USEPA Storm Water Phase II Compliance Assistance Guide

- **The Map** - The storm sewer system map is meant to demonstrate a basic awareness of the intake and discharge areas of the system. It is needed to help determine the extent of discharged dry weather flows, the possible sources of the dry weather flows, and the particular water bodies these flows may be affecting. An existing map, such as a topographical map, on which the location of major pipes and outfalls can be clearly presented, would demonstrate such awareness. EPA recommends collecting all existing information on outfall locations (e.g., review city records, drainage maps, storm drain maps), and then conducting field surveys to verify locations. It probably will be necessary to walk (i.e., wade through small receiving waters or use a boat for larger waters) the stream banks and shorelines for visual observation. More than one trip may be needed to locate all outfalls.

- **Legal Prohibition and Enforcement** - EPA recognizes that some permittees may have limited authority under State, Tribal or local law to establish and enforce an ordinance, or other regulatory mechanism, prohibiting illicit discharges. In such a case, the permittee is encouraged to obtain the necessary authority, if at all possible. Otherwise, the NPDES permitting authority assumes responsibility for implementation of this component of the minimum measure, yet the permittee would remain ultimately responsible for the quality of its MS4 discharge. Model ordinances, including examples of amendments to local codes or existing ordinances, will be provided in the Phase II storm water guidance for regulated small MS4s, which is part of EPA's planned implementation "toolbox" for the rule.

- **The Plan** - The plan to detect and address illicit discharges is the central component of this minimum control measure. The plan is dependant upon several factors, including the permittee's available resources, size of staff,
and degree and character of its illicit discharges. EPA envisions a plan similar to the one recommended for use in meeting Michigan’s general storm water NPDES permit for small MS4s. As guidance only, the four steps of a recommended plan are outlined below:

- **Locate Problem Areas** - EPA recommends that priority areas be identified for detailed screening of the system based on the likelihood of illicit connections (e.g., areas with older sanitary sewer lines). Some methods that could be used to locate problem areas include: public complaints; visual screening; water sampling from manholes and outfalls during dry weather; and use of infrared and thermal photography.

- **Find the Source** - Once a problem area or discharge is found, additional efforts usually would be necessary to determine the source of the problem. Some methods that could be used to find the source of the illicit discharge include: dye-testing buildings in problem areas; dye- or smoke-testing buildings at the time of sale; tracing the discharge upstream in the storm sewer; employing a certification program that shows that buildings have been checked for illicit connections; implementing an inspection program of existing septic systems; and using video to inspect the storm sewers.

- **Remove/Correct Illicit Connections** - Once the source is identified, the offending discharger should be notified and directed to correct the problem. Education efforts and working with the discharger can be effective in resolving the problem before taking legal action.

- **Document Actions Taken** - As a final step, all actions taken under the plan should be documented. Doing so would illustrate that progress is being made to eliminate illicit connections and discharges. Documented actions should be included in the required annual reports and include information such as: the number of outfalls screened; any complaints received and corrected; the number of discharges and quantities of flow eliminated; and the number of dye or smoke tests conducted.

- **Educational Outreach** - Outreach to public employees, businesses, property owners, the general community, and elected officials regarding ways to detect and eliminate illicit discharges is an integral part of this minimum measure that will help gain support for the permittee’s storm water program. Suggested educational outreach efforts include:
  - Developing *informative brochures, and guidance* for specific audiences e.g., carpet cleaning businesses) and school curricula;
  - Designing a program to *publicize and facilitate public reporting* of illicit discharges;
  - *Coordinating volunteers* for locating, and visually inspecting, outfalls or to stencil storm drains; and
  - Initiating *recycling programs* for commonly dumped wastes, such as motor oil, antifreeze, and pesticides.

The illicit discharge detection and elimination program does not need to address the following categories of non-storm water discharges or flows unless the operator of the regulated small MS4 identifies them as significant contributors of pollutants to its MS4:

- water line flushing
- landscape irrigation,
- diverted stream flows
- rising ground waters,
- uncontaminated ground water infiltration (as defined at 40 CFR 35.2005(20)),
- uncontaminated pumped ground water,
- discharge from potable water sources,
- foundation drains,
- air conditioning condensation,
- irrigation water, springs,
- water from crawl space pumps,
- footing drains,
- lawn watering,
- individual resident car washing,
- flows from riparian habitats and wetlands,
- dechlorinated swimming pool discharges,
• street wash water, and
• Residential building wash waters, without detergents

**Summary of Current Status**

• The Town of Hampton is creating a map of the storm drainage system, and the Goal for this minimum control measure will reflect their current plans to complete that map.

• The Town of Hampton currently has a sewer ordinance that includes many components required by this minimum control measure. Specifically, the ordinance states that it is “unlawful to discharge to any natural outlet within the Town of Hampton or in any area under the jurisdiction of said Town, any wastewater or other polluted waters except where suitable treatment has been provided in accordance with subsequent provisions of this Ordinance”. The subsequent provisions of the ordinance are related to complying with water quality standards. The ordinance allows the Town to enforce the ordinance, and includes penalties for non-compliance. The ordinance should be revised to include a prohibition of non-storm water discharges, and to require that the town be notified whenever a person connects to the storm water system (the ordinance already includes a notification requirement for connections to sanitary sewers).

• The Town also conducts catch basin cleaning on a 5-year rotation, including outfall inspections. When illicit discharge connections are identified during these events, the Town implements the necessary corrective action, however, the Town will develop procedures to document and track the illicit discharges detected and corrected.

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<tbody>
<tr>
<td>Develop a storm sewer system map</td>
<td>3A Storm Sewer System Map</td>
<td>YEAR 1 Storm Sewer System Mapping 90% complete</td>
<td>DPW Storm Water Coord.</td>
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<tr>
<td></td>
<td>• Review existing information to identify all storm water outfalls</td>
<td>YEAR 2-3 Field Check and revise Map</td>
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<td>• Conduct a field survey to confirm outfall locations, include evaluation of drainage divides/drainage areas</td>
<td>YEAR 4 Map 100 % complete</td>
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<td>YEAR 5 Evaluate potential for incorporating recordkeeping/inspections into GIS, evaluate micro-watersheds of drainage system and quantify flows of potential pollution sources</td>
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<tr>
<td>Provide ordinance or regulatory mechanism for Illicit Discharge Detection and Elimination Program including non-storm water discharges</td>
<td>3B Sewer Ordinance Revision - revise sewer ordinance to ban non-storm water discharges to storm sewer system</td>
<td>YEAR 1 Initiate ordinance revision process</td>
<td>DPW Storm Water Coord.</td>
<td>Sewer ordinance is in process of being revised</td>
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<td>YEAR 2 Complete enactment of necessary rules</td>
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### 3. Illicit Discharge Detection and Elimination (IDDE)

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</table>
| Procedures for removal of the source, documenting actions and evaluating impact on the sewer system. | 3C IDDE Tracking Program  
  - Utilize scheduled catch basin cleanings and outfall inspections as method of detecting illicit discharges  
  - Develop mechanism to track enforcement actions  
  - Implement enforcement and tracking of revised rules | YEAR 1 Modify existing form for reporting suspicious catch basin residue and develop door hanger to inform public that an illicit discharge was detected in the area  
 YEAR 2 Develop mechanism to track enforcement  
 YEARS 3-5 Implement enforcement (document number of enforcement actions) | DPW Storm Water Coord. | Include Door Hangers that identify when an illicit discharge has been detected. Identify DPW as contact on hanger if any information. |
| 3D IDDE Education Program - educate municipal employees so that they can recognize, trace, and report illicit discharges when observed. | 3D IDDE Education Program - educate municipal employees so that they can recognize, trace, and report illicit discharges when observed. | YEAR 1 Identify employees to be trained and develop training program and incorporate training into municipal schedule  
 YEAR 2 Train 100% of Sewer and Drain Public Works employees and Building Inspector  
 YEARS 3-5 Repeat Training as necessary | DPW Storm Water Coord. | DPW and rubbish collection employees trained to identify illicit discharges. Training may need to be repeated, because new IDDE programs are being developed. |
| 3E IDDE Hotline Publicity - provide opportunity for citizens to contact officials when an illicit discharge is observed | 3E IDDE Hotline Publicity - provide opportunity for citizens to contact officials when an illicit discharge is observed | YEARS 1-5 Publicize on Channel 22 and include on door hanger | DPW Storm Water Coord. | |
| 3F Continue annual household hazardous waste collection days, including component of storm water protection in advertisement. | 3F Continue annual household hazardous waste collection days, including component of storm water protection in advertisement. | YEARS 1-5 Complete Household hazardous waste collection days on a yearly basis | DPW Storm Water Coord. | Coordinate with Regional Sponsors of the Program. |

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<tr>
<td>The Permittee must inform public employees, businesses, and the public of hazards associate with illegal discharges and improper waste disposal</td>
<td>See 1A, 1B, 1C Public employees, businesses, and the general public will become knowledgeable of the hazards of illegal discharges through the public outreach and educational programs</td>
<td>YEARS 1-5 Continue public outreach and educational programs</td>
<td>Use Innovative Storm Water Treatment Technologies BMP manual by Jillian Jones as a reference</td>
<td></td>
</tr>
<tr>
<td>The non-storm water discharges must be addressed if they are identified as being significant contributors of pollutants</td>
<td>3G Evaluate IDDE Program - at the end of each year, non-storm water discharges will be assessed to determine if they have impacted the storm sewer system, and if necessary, a revised ordinances will be initiated to address the issue</td>
<td>YEARS 1-5 Evaluate and initiate ordinance revision if necessary</td>
<td>DPW Storm Water Coord.</td>
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4. Construction Site Storm Water Runoff Control

Required

The Permittee must develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the MS4 from construction activities that result in land disturbance of greater than or equal to one acre. The Permittee must include disturbances less than one acre if part of a larger common plan. The permittee does not need to apply its construction program provisions to projects that receive a waiver from the EPA under provisions of 40 CFR 122.26(b)(15)(i). At a minimum the program must include:

(a.) To the extent allowable under state, Tribal or local law, an ordinance or other regulatory mechanism to require sediment and erosion control at construction sites. If such an ordinance does not exist, development and adoption of an ordinance must be part of the program.

(b.) Sanctions to ensure compliance with the program. To the extent allowable under state, Tribal or local laws Sanctions may include both monetary or non-monetary penalties.

(c.) Requirements for construction site operators to implement a sediment and erosion control program that includes BMPs that are appropriate for the conditions at the construction site.

(d.) Requirements for the control of wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes.

(e.) Procedures for site plan review including procedures, which incorporate consideration of potential water quality impacts. The site plan review should include procedures for preconstruction review.

(f.) Procedures for receipt and consideration of information submitted by the public.

(g.) Procedures for inspections and enforcement of control measures at construction sites.

Suggested Guidelines for Development and Implementation from the USEPA Storm Water Phase II Compliance Assistance Guide

• Regulatory Mechanism - Through the development of an ordinance or other regulatory mechanism, the small MS4 operator needs to establish a construction program that requires controls for polluted runoff from construction sites with a land disturbance of greater than or equal to one acre. Because there may be limitations on regulatory legal authority, the small MS4 operator is required to satisfy this minimum control measure only to the maximum extent practicable and allowable under State, Tribal, or local law. If an operator is unable to establish an enforceable construction program due to a lack of legal authority, and is unsuccessful in trying to obtain the necessary authority, the NPDES permitting authority would then assume responsibility. EPA intends to develop a model ordinance that a small MS4 operator could use as a basis for its construction program. Alternatively, amendments to existing erosion and sediment control programs, or other ordinances, can also provide the basis for the program.

• Site Plan Review - The small MS4 operator is required to include in its construction program requirements for the implementation of appropriate BMPs on construction sites to control erosion and sediment, as well as waste at the site. To determine if a construction site is in compliance with such provisions, the small MS4 operator should review the site plans submitted by the construction site operator before ground is broken. Site plan review aids in compliance and enforcement efforts since it alerts the small MS4 operator early in the process to the planned use or non-use of proper BMPs and provides a way to track new construction activities. The tracking of sites is useful not only for the small MS4 operator's recordkeeping and reporting purposes, which will be required activities under their NPDES storm water permit (see Fact Sheet 2.9), but also for members of the public interested in ensuring that the sites are in compliance.

• Inspections and Penalties - Once construction commences, the BMPs should be in place and the small MS4 operator's enforcement activities should begin. To ensure that the BMPs are properly installed, the small MS4 operator is required to develop procedures for site inspection and enforcement of control measures to deter infractions. Procedures could include steps to identify priority sites for inspection and enforcement based on the nature and extent of the construction activity, topography, and the characteristics of soils and receiving water quality. Inspections give the MS4 operator an opportunity to provide additional guidance and education, issue warnings, or assess penalties. To conserve staff resources, one possible option for small MS4 operators could be to have these inspections performed by the same inspector that visits the sites to check compliance with health and safety building codes.
**Information Submitted by the Public** - A final requirement of the small MS4 program for construction activity is the development of procedures for the receipt and consideration of public inquiries, concerns, and information submitted regarding local construction activities. This provision is intended to further reinforce the public participation component of the regulated small MS4 storm water program and to recognize the crucial role that the public can play in identifying instances of noncompliance. The small MS4 operator is required only to *consider* the information submitted, and may not need to follow-up and respond to every complaint or concern. Although some form of enforcement action or reply is not required, the small MS4 operator is required to demonstrate acknowledgment and consideration of the information submitted. A simple tracking process in which submitted public information, both written and verbal, is recorded and then given to the construction site inspector for possible follow-up would suffice.

**Summary of Current Status**

- All construction required to undergo site plan review is required to have a sedimentation and erosion control plan reviewed by the Town. Activities that currently trigger the site plan review requirement include: construction within 50 feet of a wetland, any construction of multifamily dwellings, any conversion of existing properties to new commercial or multifamily uses, expansion of selected commercial facilities, etc. The Town ordinances will need to be revised to reflect the requirement to conform to the EPA General Permit for all construction activities disturbing greater than 1 acre of land. As soon as the General Permit for Construction Activities is finalized, the Hampton Storm Water Stakeholder Group will make a determination if they want to obtain “Qualifying Local Program” status from the EPA as they revise their ordinances.

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<th>4. Construction Site Storm Water Runoff Control</th>
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<tr>
<td><strong>Purpose of Goal</strong></td>
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| Revise or develop ordinances to require sediment and erosion control at construction sites | 4A Revise Ordinances  
- Review existing ordinances  
- Develop revised ordinance with the use of public participation  
- Include sanctions in the ordinance  
- Include a site plan review in the ordinance  
- Ensure ordinance includes requirements for construction site operators to implement a sediment and erosion control program that includes BMPs that are appropriate for the conditions at the construction site  
- Publicize revised ordinance  
- Activate, implement, and enforce revised ordinance | YEAR 1 Generate summary memorandum of status of existing ordinance with recommended changes  
YEAR 2 Revise ordinances for construction activities  
YEAR 3 Adopt Changes (Include Public Notice Req'ts)  
YEARS 4-5 Implement and enforce ordinance | Planning Board | |
| Training Program | 4B Training/Inspection - initiate training for inspector(s) on new ordinances | YEARS 3 or 4 Train employees | Building Inspector | |
5. Post-Construction Storm Water Management in New Development and Redevelopment

Required

The permittee must develop, implement, and enforce a program to address storm water runoff to the MS4 from new development and redevelopment projects that disturb greater than one acre and discharge into the municipal system. The program must include projects less than one acre if the project is part of a larger common plan of development. The post construction program must include:

(a.) To the extent allowable under state, Tribal or local law, an ordinance or other regulatory mechanism to address post construction runoff from new development and redevelopment. If such an ordinance does not exist, development and adoption of an ordinance must be part of the program.
(b.) Procedures to ensure adequate long-term operation and maintenance of best management practices.
(c.) Procedure to ensure that any controls that are in place will prevent or minimize impacts to water quality.

Suggested Guidelines for Development and Implementation from the USEPA Storm Water Phase II Compliance Assistance Guide

This section includes some sample non-structural and structural BMPs that could be used to satisfy the requirements of the post-construction runoff control minimum measure. It is important to recognize that many BMPs are climate-specific, and not all BMPs are appropriate in every geographic area. Because the requirements of this measure are closely tied to the requirements of the construction site runoff control minimum measure (see Fact Sheet 2.6), EPA recommends that small MS4 operators develop and implement these two measures in tandem.

Non-Structural BMPs

• Planning and Procedures - Runoff problems can be addressed efficiently with sound planning procedures. Master Plans, Comprehensive Plans, and zoning ordinances can promote improved water quality by guiding the growth of a community away from sensitive areas and by restricting certain types of growth (industrial, for example) to areas that can support it without compromising water quality.
• Site-Based Local Controls - These controls can include buffer strip and riparian zone preservation, minimization of disturbance and imperviousness, and maximization of open space.

Structural BMPs

• Storage Practices - Storage or detention BMPs control storm water by gathering runoff in wet ponds, dry basins, or multichamber catch basins and slowly releasing it to receiving waters or drainage systems. These practices both control storm water volume and settle out particulates for pollutant removal.
• Infiltration Practices - Infiltration BMPs are designed to facilitate the percolation of runoff through the soil to ground water, and, thereby, result in reduced storm water quantity and reduced mobilization of pollutants. Examples include infiltration basins/trenches, dry wells, and porous pavement.
• Vegetative Practices - Vegetative BMPs are landscaping features that, with optimal design and good soil conditions, enhance pollutant removal, maintain/improve natural site hydrology, promote healthier habitats, and increase aesthetic appeal. Examples include grassy swales, filter strips, artificial wetlands, and rain gardens.

Summary of Current Status

• New developments must monitor erosion and storm water controls up to one year following development. No other Post construction measurements are currently in place in the Town.
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<tr>
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<tbody>
<tr>
<td>Revise or develop ordinances to require sediment and erosion control at new development or redevelopment projects</td>
<td>5A Revise Existing Ordinances</td>
<td>YEAR 3 Generate summary memorandum of status of existing ordinance with recommended changes</td>
<td>Planning Board</td>
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<tr>
<td></td>
<td>• Review existing ordinances</td>
<td>YEAR 4 Revise ordinances</td>
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<td></td>
<td>• Develop revised ordinance with the use of public participation</td>
<td>YEAR 5 Implement and enforce ordinance</td>
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<td></td>
<td>• Ensure ordinance includes procedures to ensure adequate long-term operation and maintenance of BMPs</td>
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<td></td>
<td>• Publicize revised ordinance</td>
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<td></td>
<td>• Initiate training for inspectors</td>
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<td></td>
<td>• Activate, implement, and enforce revised ordinance</td>
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</table>
6. Pollution Prevention/Good Housekeeping in Municipal Operations

Required

The permittee must:

(a.) Develop and implement a program with a goal of preventing and/or reducing pollutant runoff from municipal operations. The program must include an employee training component.
(b.) Include, at a minimum, maintenance activities for the following: parks and open space (area such as public golf courses and athletic fields); fleet maintenance, building maintenance; new construction and land disturbance; roadway drainage system maintenance and storm water system
(c.) Develop schedules for municipal maintenance activities described in paragraph (b) above.
(d.) Develop inspection procedures and schedules for long-term structural controls.

Suggested Guidelines for Development and Implementation from the USEPA Storm Water Phase II Compliance Assistance Guide

The intent of this control measure is to ensure that existing municipal, State or Federal operations are performed in ways that will minimize contamination of storm water discharges. EPA encourages the small MS4 operator to consider the following components when developing their program for this measure:

- **Maintenance activities, maintenance schedules, and long-term inspection procedures** for structural and non-structural controls to reduce floatables and other pollutants discharged from the separate storm sewers;

- **Controls for reducing or eliminating the discharge of pollutants** from areas such as roads and parking lots, maintenance and storage yards (including salt/sand storage and snow disposal areas), and waste transfer stations. These controls could include programs that promote recycling (to reduce litter), minimize pesticide use, and ensure the proper disposal of animal waste;

- **Procedures for the proper disposal of waste** removed from the separate storm sewer systems and the areas listed in the bullet above, including dredge spoil, accumulated sediments, floatables, and other debris; and

- **Ways to ensure that new flood management projects assess the impacts on water quality** and examine existing projects for incorporation of additional water quality protection devices or practices. EPA encourages coordination with flood control managers for the purpose of identifying and addressing environmental impacts from such projects. The effective performance of this control measure hinges on the proper maintenance of the BMPs used, particularly for the first two bullets above. For example, structural controls, such as grates on outfalls to capture floatables, typically need regular cleaning, while non-structural controls, such as training materials and recycling programs, need periodic updating.

Summary of Current Status

- The Town has completed the SWPPP for the Municipal Public Works/WWTP/Transfer Station Complex
- The Town will need to review other municipal operations to determine if any good housekeeping measure can be implemented to further protect storm water from potential pollutant sources. The Beach area already has daily street sweeping and litter control during the summer months, and the entire town is swept annually. The Town also maintains an operation and maintenance program for its storm water conveyances and outfalls, but is incorporating this program into its GIS map of the storm water system. Training will be conducted on storm water protection for selected employees.

* Hampton NH Plan
### 6. Pollution Prevention/Good Housekeeping in Municipal Operations

<table>
<thead>
<tr>
<th>Purpose of Goal</th>
<th>Methodology</th>
<th>Year/Measurable Goal</th>
<th>Responsible Party</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevent and reduce pollutant run-off from municipal operations. Develop schedules for municipal maintenance activities and inspection procedures and schedules for long-term structural controls</td>
<td>6A Municipal DPW SWPPP for Industrial Activities under the Multi-Sector General Permit</td>
<td>YEAR 1 PWD Complex done by 3/10/03</td>
<td>DPW Storm Water Coord.</td>
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<td></td>
<td>6B Municipal Operations</td>
<td>YEAR 1 Identify municipal operations and BMPs</td>
<td>DPW Storm Water Coord.</td>
<td>YEAR 2 Review/Inspect Municipal Operations</td>
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<td>• Identify (list) all municipal operations</td>
<td>YEARS 3-5 Begin Implementation of recommended changes</td>
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<td></td>
<td>• Conduct site reconnaissance visits to each municipal property to identify current BMPs used</td>
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<td></td>
<td>• Identify and select applicable future BMPs for pollution prevention and implement recommended BMPs</td>
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<tr>
<td>Train municipal employees on storm water issues (some employees already trained as part of Illicit Discharge Detection and Elimination Program)</td>
<td>3D Employee Training</td>
<td>YEAR 1 Identify employees to be trained and develop training program and incorporate training into municipal schedule</td>
<td>DPW Storm Water Coord.</td>
<td>Conducted in conjunction with training for illicit discharge and detection</td>
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<td>• Identify which types of employees should receive training for implementing the municipal SWPPP</td>
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<td></td>
<td>• Identify type of training and evaluate pre-existing material available from the EPA, State of New Hampshire, and other organizations</td>
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<td>• Initiate training program</td>
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<tr>
<td>Street Sweeping Program</td>
<td>6C Continue street sweeping/litter control on beach area roads on a daily basis, other areas annually</td>
<td>YEARS 1-5 Continue street sweeping</td>
<td>DPW Storm Water Coord.</td>
<td></td>
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<tr>
<td>Catch basin cleaning program</td>
<td>6D Continue cleaning catch basins within urbanized area on a five-year rotation, begin to document, perform more frequent cleaning as necessary</td>
<td>YEARS 1-5 Continue catch basin cleaning</td>
<td>DPW Storm Water Coord.</td>
<td>See Illicit Discharge Detection and Elimination Program Goals</td>
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<td>6E Pursue funding to replace catch basin cleaning apparatus with updated equipment to improve efficiency and frequency of cleaning</td>
<td>YEAR 1 Pursue funding</td>
<td>DPW Storm Water Coord.</td>
<td>YEARS 2-5 Increase frequency and efficiency when/if apparatus purchased</td>
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<td>6F Continue Conveyance O&amp;M Program</td>
<td>YEAR 1 Continue existing maintenance program, review at year end and prioritize recommended changes</td>
<td>DPW Storm Water Coord.</td>
<td>YEARS 2-5 Review and Revise program as necessary</td>
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<td>• Continue existing program for maintenance and replacement. Recommend any changes</td>
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<td>• Review and Revise program as needed and implement changes</td>
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Last Updated: 6/2/2003
7. Addressing Impaired Water Bodies

Required

The General Permit requires that the permittee must determine whether storm water discharges from any part of the MS4 contribute, either directly or indirectly, to a 303(d) listed water body. The Storm Water Management Program must include a section describing how the program will control the discharge of the pollutants of concern and ensure that the discharges will not cause or contribute to in-stream exceedence of water quality standards. This discussion must specifically identify control measures and BMPs that will collectively control the discharge of the pollutant(s) of concern. Pollutant(s) of concern refer to the pollutant identified as causing the impairment.

Current Status

It should be noted that the Town of Hampton does not discharge to any receiving waters with existing TMDLs, and therefore is not required to address pollutant waste load allocations. The two receiving waters that have been identified as impaired water bodies described above, Tide Mill Creek Estuary and the Hampton Beach portion of the Atlantic Ocean, are classified as low priority and were scheduled to receive TMDLs by 2017. However, in May 2003, a Draft Total Maximum Daily Load Study for bacteria for the overall Hampton/Seabrook Harbor was published, which includes a draft TMDL for these water bodies.

The study identified the following sources of annual bacteria loading to the Harbor:

- Hampton waste water treatment facility – negligible contribution
- boat discharges - 7% contribution
- dry weather non-point sources - 52% (of which approximately 60% is from human sources, and 40% from wildlife)
- storm water sources - 41% (of which approximately 60% is from human sources and 40% is from wildlife)

The Draft TMDL Study recommends all sources of human bacteria be removed so that water quality standards may be met. The report states that NHDES will work with the Towns of Hampton and Seabrook to develop specific projects to reduce human-related bacterial loads to the estuary, and provides a preliminary list of Implementation Projects. One of the projects is to assist the EPA in implementing the Storm Water Phase II MS4 General Permit regulations. Many of the other projects are similar to the goals represented in this Storm Water Management Plan, and as such should be conducted concurrently or at least cooperatively.

It should be noted that the Draft TMDL Study is available for public comment until August 1, 2003. After the comment period has ended, the TMDL will need to be approved by the EPA before it is finalized. This Plan may need to be adjusted after the TMDL is finalized if significant changes are made to the TMDL.

The Tide Mill Creek Estuary is also impaired for PCBs and copper. It is unlikely that storm water from the MS4 is contributing PCBs or copper to the Estuary.

The Atlantic Ocean at Hampton Beach is also impaired for PCBs and copper. Again, it is unlikely that storm water runoff will contribute PCBs or copper to this receiving water.

* Hampton NH Plan

Last Updated: 6/2/2003

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