

**Municipality/Organization: Southampton**

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**EPA NPDES Permit Number: MAR041021**

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**MaDEP Transmittal Number: W-035569**

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**Annual Report Number**                      **Year 9:**  
**& Reporting Period:**                      **April 1, 2011- March 31, 2012**

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## **NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2012)**

### **Part I. General Information**

Contact Person: Edward Cauley

Title: Highway Superintendent

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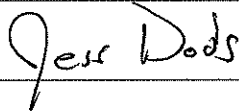
#### Certification:

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, 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.

Signature: 

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Printed Name: Jess Dods

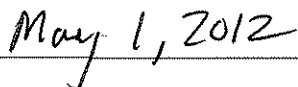


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Title: Selectboard Chair

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Date:



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## **Part II. Self-Assessment**

The Town of Southampton Stormwater Management Program has been in place since July 31, 2003. The Town has completed the required self-assessment and has determined that the municipality has addressed each of the six minimum control standards. The Town continues to publicize stormwater-related issues and supports active participation by townspeople in addressing pollution and stormwater issues. The by-laws developed to address the NPDES requirements were passed at the June 4, 2007 annual town meeting. New developments are subject to the review and enforcement requirements of the by-laws. Two (2) Cease & Desist orders were issued for violations under the stormwater by-law. In order to be able to more proactively address catch basin cleaning, the Town purchased a zero-emission clam-shell type truck for catch basin cleaning to be performed by Highway Department personnel. As noted below, since the NPDES MS4 program began, the town has identified and disconnected three illicit discharges to the municipal storm drain system.

### **Acronyms Used in Following Pages**

BI = Building Inspector

BOH = Board of Health

BOS = Board of Selectmen

ConCom = Conservation Commission

HD = Highway Department

PB = Planning Board

PVPC = Pioneer Valley Planning Commission

WD = Water Department

PD = Police Department

### Part III. Summary of Minimum Control Measures

#### 1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
1A Revised	Classroom Education	HD/ WD/ School	Presentation on water cycle	DEP Water Cycle Skit to 5 <sup>th</sup> and 6 <sup>th</sup> graders is typically held every other year. A presentation was held in the Fall 2011.	DEP Water Cycle Skit to 5 <sup>th</sup> and 6 <sup>th</sup> graders planned for every other year with the next one expected to be held in Fall 2013. The HD is sponsoring a field trip for 1 <sup>st</sup> and 2 <sup>nd</sup> graders to the Springfield Materials Recycling Facility (MRF) on May 10, 2012.
1B Revised	Educational Displays	HD	Post educational display	Displayed EPA's <i>Stormwater and the Construction Industry</i> poster in the School, Planning Board and ConCom meeting rooms and in Town Hall. A poster depicting the Water Cycle was also posted in the School, Town Hall and Library.	Post educational display
1C Revised	Newspaper Press Release	HD	Publish 2x per year in local newspaper	The HD issued press releases publicizing Household Hazardous Waste Day, encouraging residents to properly dispose of hazardous wastes. Posted flyers for Household Hazardous Waste Day, which was held in October 2011.	Publish stormwater/ water quality info twice in the year.
1D Revised	Local Cable Access	HD	Post bulletins 2x per year on local cable	The HD ran educational notices encouraging residents to recycle, providing information on the water cycle, providing information on household hazardous waste, and publicizing water restrictions.	Post bulletins on stormwater/ water quality info twice in the year. In addition, the local cable access station will begin airing live presentations.

1E	Informational pamphlets/ notices	HD	Mail with drinking water quality report	Water conservation and recycling tips distributed with Drinking Water Quality Report. Notices distributed regarding overwatering, and water use restrictions.	Mail stormwater/ water quality info with Drinking Water Quality Report.
Revised					
1F	Informational Gadgets	HD	Distribute magnets	HD distributed the available magnets and recycling bins. Printed HD contact information on Town trash bags.	Continue to seek funds for educational/informational gadgets to distribute.
Revised			Distribute Water Quality Flyers on recycling and the water cycle		
1G	Environmental Grants	HD/ PD	Give out grants to students based on environmentalism	The town gave out \$500 environmental grants under the Richard Allen Scholarship program to 10 high school seniors for environment-related community services and essays.	Give out up to \$5,000 in grants to students for environmental volunteerism/essays.
Revised					

### 1a. Additions

	Stormwater/Water Conservation Efforts	HD	Encourage residential stormwater storage/ recycling	Worked with The Great American Rain Barrel Company to educate residents on water conservation and recycling runoff through use of rain barrels.	Continue to work with The Great American Rain Barrel Company to educate residents on water conservation and recycling runoff through use of rain barrels.
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### 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
2A	Adopt-a-Road/ Adopt-a-Stream	HD/Boy Scouts/School	Support interested groups by providing tools and trash disposal	The HD supported Hampshire Regional High School students in local clean-up of roadways and resources areas and William E. Norris Elementary School students and Cub Scouts in cleanup of parks and around Town buildings.	Continue to support interested groups by providing tools and disposing of trash bagged by participants. In Town will continue to assist Cub Scouts, Boy Scouts, Girl Scouts, and local students in cleaning up areas around Town parks.
Revised			In 2008 and 2009, Southampton was named a “Tree-City USA”		

2B	Community Hotline	HD	Publicize number	Number publicized through Household Hazardous Waste day press, on recycling bins and on Town website.	Continue to publicize number.
Revised					
2C	Storm Drain Stenciling	HD	Work with volunteers to stencil 50 catch basins per year	Volunteers from the Westfield River Watershed Association affixed "Drains to Pond" markers at catch basins in the Hampton Ponds neighborhoods, including urbanized areas of Southampton.	
Revised					
2D	Watershed Committee	ConCom / HD / WD / BOH	Work with Hampden Ponds Association and Barnes Aquifer Protection Advisory	ConCom and PB representatives attended Hampden Ponds Association meetings. HD/BOH representative attended Barnes Aquifer Protection Advisory Committee (BAPAC) meetings.	Continue to attend Hampden Ponds Association and BAPAC meetings.
Revised					

**2a. Additions**

2E	Community Service	HD/ School	Support community service requirements by offering volunteer opportunities.	The HD supported students for Hampshire Regional High School community service requirements by offering volunteer opportunities at the landfill, at Household Hazardous Waste Collection Day, and to cleanup Town properties.	Continue to offer volunteer opportunities to High School students.
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### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
3A Revised	Mapping Stormwater Outfalls	HD	Field inspect 25% of outfalls.	The HD GPS located storm drain outfalls to wetlands, waterways and waterbodies within the urbanized areas of the Town. Field inspected 100% of outfalls in urbanized areas.	Field inspect 100% of outfalls in urbanized areas. Consider sampling outfalls during inspection.
3B Revised	Develop Illicit Discharge Program	HD	Evaluate existing procedures	Inspections performed during catch basin cleaning; evidence of illicit discharge reported to BI, BOH.	Prepare new procedures/ plan as necessary.
3C Revised	Non-Stormwater By-Law	HD	Adoption of by-law at Town Meeting	By-law was passed at June 4, 2007 Town Meeting. Three illicit connections have been disconnected from the municipal storm drain system.	Continue by-law enforcement.
3D Revised	Illegal Dumping	HD	Maintain signage in sensitive areas. Perform regular patrols/cleanup	The HD continued to maintain signage in water supply areas and pick up illegal dumping throughout the Town. BOH and Police are notified as necessary and violators prosecuted.	Continue to maintain signage and perform regular patrols/cleanup.
3E Revised	Failing Septic Systems	BOH/HD	Keep records of failing septic systems.	The BOH continued to permit septic system cleaning companies in Southampton and maintain records of septic systems cleaned throughout the year.	Continue to keep records of maintained septic systems (BOH). HD to inform BOH if any identified failing septic systems.

#### 3a. Additions

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**4. Construction Site Stormwater Runoff Control**

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
4A	Construction Runoff By-law	HD/PB/ConCom	Adoption of by-law at Town Meeting	By-law was passed at June 4, 2007 Town Meeting.	Modify By-laws to include Appeal Process. Continue by-law enforcement.
Revised					
4B	Plan Review	PB/ ConCom/ HD/BOH/BI	Plan review under by-law	Conduct plan review per By-law.	Continue plan review per By-law.
Revised					
4C	Inspection / Reporting	HD/PB/BI/ConCom	Enforcement under by-law	Conduct inspection / reporting per By-law. Require modifications to address deficiencies in plans and follow-up with site visits, if necessary. Two (2) Cease & Desist orders have been issued for violations under by-law.	Continue inspection / reporting per By-law.
Revised					
Revised					

**4a. Additions**


### 5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
5A	Post Construction Runoff By-law	HD/PB/ConCom	Adoption of By-law at Town Meeting	By-law was passed at June 4, 2007 Town Meeting.	Continue by-law enforcement.
Revised					
5B	Construction Site Plan Review	HD/PB/ConCom/BOH/BI	Plan review under by-law	Conduct plan review per By-law.	Continue plan review per By-law.
Revised					
5C	Stormwater System Maintenance Plan	HD/PB/ConCom	Enforcement under by-law	Conduct inspection / reporting per By-law.	Continue inspection / reporting per By-law.
Revised					
Revised					

#### 5a. Additions

	New Subdivision Stormwater System Maintenance	HD	Annual Reports on Maintenance Activities	Homeowners' Associations in new subdivisions are required to clean out catchbasin and maintain detention basins and other stormwater structures and provide annual reports on maintenance activities to the HD. The HD meets with Homeowner's Association representatives yearly to discuss maintenance completed in the calendar year and required maintenance for the following year.	

## 6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
6A Revised	Municipal Maintenance Activity Program	HD	Evaluate and draft additional policies	Good Housekeeping Best Management Practices Manual drafted in March 2005.	Draft new policies/revise manual as necessary.
6B Revised	Training of all municipal employees	HD	Initial good housekeeping training	Good housekeeping practices are discussed with employees at the onset of tasks. Good Housekeeping training session attended by DPW staff on June 29, 2011.	Conduct good housekeeping training. Training is scheduled for May 2012.
6C Revised	Catch Basin Cleaning Program	HD	Clean 100% of catch basins in urbanized area annually	The HD cleaned 100% of the catch basins within the urbanized areas once in 2011. The Town purchased a zero-emission clam-shell type truck for catch basin cleaning in 2008. Catch basin cleaning is performed by HD personnel.	Clean 100% of catch basins in urbanized area.
6D Revised	Street Sweeping & Cleaning	HD	Sweep 100% of streets in urbanized area 2x per year	100% of town streets within urbanized area were swept two times in 2011. The streets were swept in both the spring and the fall.	Sweep 100% of streets in urbanized area twice.
6E Revised	Used Oil Recycling	HD	Ongoing collection and recycling	The HD collects used oil from residents at the transfer station. The service was available to residents 30 hours per week.	Continue to provide facility of used oil collection and recycle.
6F Revised	Hazardous Waste Collection	HD	Hold collection event annually	In October 2011, ~60 Southampton households participated in the household hazardous waste collection day to properly disposal of household hazardous wastes.	Continue to hold collection events.

**6a. Additions**

	Household Hazardous Waste	HD	Ongoing collection and recycling	The HD collects used anti-freeze, fluorescent bulbs, and white goods from residents at the transfer station. The service was available to residents 30 hours per week.	Continue to provide facility of used antifreeze, fluorescent bulbs, and white goods collection and recycle.

**7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>**

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
7A	TMDL	Various	Performance of previously identified BMPs.	The BMPs described in the above tasks will also address TMDL issues in Pequot Pond.	The BMPs described in the above tasks will also address TMDL issues in Pequot Pond.
Revised					
Revised					

**7a. Additions**


**7b. WLA Assessment**

To date, TMDLs have not been developed for Pequot Pond. BMPs proposed in previous Minimum Control Measures will address impairment of Pequot Pond.

**Part IV. Summary of Information Collected and Analyzed**

Communication among various Town departments and boards has been strengthened in order to meet the various BMP requirements. Since the beginning of the program, three illicit discharges have been identified and disconnected from the storm drain system. Camp John Associates collects *E. coli* samples from a private beach area on Pequot Pond and provides the BOH with the results.