

Municipality/Organization: Town of Abington

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EPA NPDES Permit Number: MA041026

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MaDEP Transmittal Number: W-040557

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Annual Report Number  
& Reporting Period: No. 8: April 1, 2010 – March 31, 2011

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## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

Contact Person: John D'Agostino Title: Town Manager

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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:  5-18-2011

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Printed Name: John D'Agostino

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Title: Town Manager

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Date: May 1, 2011

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**Part II. Self-Assessment**

The Town of Abington has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions, with the exception of the following:

*Part II.A.2* - The Town failed to implement all elements of the Storm Water Management Program by the expiration date of the permit. Specifically, the Town did not pass the necessary by-laws required under the permit. Several of the other BMP's were dependent upon final form of the by-laws, and consequently may have been only partially addressed within this permit period (e.g. development of regulations). Additional information regarding the efforts to date to implement this permit condition is provided in the Annual Report.

*Part II.F.1* - The Town failed to submit the Annual Report on or before May 1, 2011. The report was submitted shortly thereafter in May 2011.

**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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities -- Permit Year 9
1	Create a Stormwater Program	Highway Department Planning Board Conservation Board of Health Board of Selectmen	Abington will present to the public at a public meeting Abington's draft Comprehensive Stormwater Management Program.	The Program has already been reviewed by Town Manager, Asst Town Manager and Highway Superintendent. Efforts have been undertaken to present this plan to the public at the next Town Meeting in Fall 2011.	The Town intends to present the draft Comprehensive Stormwater Program and solicit comments on the program at the next Annual Town Meeting. The Town also plans to provide a link to the stormwater program from the Town's website.

2	Create a Stormwater Program	Highway Department Parks & Recreation Board of Health	Abington will identify appropriate sources of funding assistance (SRF, 3 19 Grant Program, 604(b) Grant Program, Lakes & Ponds Grant Program, Source Water Protection Grant Program, Recycling Grant Program) and apply for assistance in implementing portions of Abington's Comprehensive Stormwater Management Program, including public education and outreach.	No additional funds related to implementation of Abington's stormwater program were received during this reporting period.	The Town will continue to monitor the funding sources mentioned in Measurable Goal(s) column and look for additional funding sources depending on their applicability for implementing the Town's stormwater program.
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**1. Public Education and Outreach (contd.)**

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
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3	Address specific groups	Highway Department Conservation Commission	Distribute EPA and other relevant educational brochures to targeted audiences. Distribution points include Town Hall, Library, and Transfer Station.	The South Shore Recycling Cooperative distributes their annual newsletter on Household Hazardous Product Collection Schedule to Abington residents, which includes recycling contact information and details of the recycling program. The Town has also received educational brochures related to stormwater runoff and management from the EPA, which would be available for distribution to Abington residents. See BMP #3.	The Town will continue to distribute the Household Hazardous Product Collection brochure. Efforts will also be focused on distributing and making available stormwater related educational brochures at different Town locations.
4	Target groups likely to impact stormwater	Highway Department Board of Health Conservation Commission	Brochures targeting specific audiences and activities will be available. These target groups include homeowner and lawn maintenance activities, disposal of household waste, and pet maintenance.		Brochures will continue to be distributed and made available to the public.

**1. Public Education and Outreach (contd.)**

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
5	Identify alternative information sources	Highway Department MIS Department	Abington will post links to stormwater BMPs and other water quality education resources, including EPA and DEP on its website. <a href="http://www.abingtonmass.gov">http://www.abingtonmass.gov</a>	The Town's website has already been developed and efforts are being undertaken to provide the web links to stormwater BMPs and the educational brochures from EPA.	The Town of Abington will arrange to have these links posted on the Town website.
6	Identify alternative information sources	MIS Department	Abington will post links on its website to the Taunton River Watershed Council. <a href="http://www.tauntonriver.org/">http://www.tauntonriver.org/</a>	The Town's website has already been developed and efforts are being undertaken to provide the web link to Taunton River Watershed Council from the Town's web page.	The Town of Abington will arrange to have the link to the Taunton River Watershed Council posted on the Town website.
7	Utilize local website	Board of Selectmen	Public meeting notice and the meeting reviewing Abington's Comprehensive Stormwater Management Program will be posted on Abington's local access channel.	The Town has utilized the local access channel for notification of stormwater information. The meeting minutes for all the Board of Selectmen meetings in Permit Year 8 have been posted on the Town's website.	The Town of Abington will continue to utilize the local access channel for notification of stormwater information, and also continue to post minutes of the public meetings.

1. Public Education and Outreach (contd.)

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
8	Develop, conduct and document educational programs	TRW Liaison	The Town of Abington will appoint a liaison to the Taunton River Watershed Council to disseminate information to the Town on TRW programs and activities.	No liaison has yet been identified or nominated. The Town is considering seeking applications for the TRW Liaison position.	The Town of Abington will continue to seek applicants for TRWC liaison.
9	Promote Household Waste Recycling	Board of Health	The Town of Abington will work with the Town's contracted waste hauler and the Board of Health to continue to sponsor Regional Hazardous Waste Collection Days.	The Town of Abington currently works in partnership with the South Shore Recycling Cooperative (SSRC) to sponsor Household Hazardous Product Collection Events for 2009-2008 were held as scheduled. Flyers were sent to the Town of Abington residents regarding the Household Hazardous Product Collection event.	The Town of Abington will continue to work with the SSRC. Flyers will continue to be sent to Abington residents regarding the Household Hazardous Product Collection event.

**2. Public Involvement and Participation**

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
10	Storm drain stenciling	Highway Department Town Planner	Abington will work with local Scout groups to develop a stenciling program. Stenciling will target Abington's subwatersheds.	The Town of Abington Highway Department paints arrows on the pavement locating drainage flow on a yearly basis.	The Town of Abington will pursue efforts to involve the Scouts group and have the storm drains in the Town appropriately stenciled.



11	Community clean-ups	Highway Department Conservation Commission Plymouth County Mosquito Control	Town of Abington will encourage local stream team cleanups, such as those performed at Island Grove Pond, with local residents and area Scout groups. Town will provide notice of event on local access channel and website.	The Parks and Recreation Department supports a program titled "Take Pride in Abington" where the public is encouraged to adopt an island and provide the required maintenance.  The high school football team cleans up annually after the 4 <sup>th</sup> of July celebration along with the Highway Department.  The Save Abington with Green Energy (SAGE) committee hosted the 2 <sup>nd</sup> Abington Cares for Earth Days on April 30 <sup>th</sup> and May 1 <sup>st</sup> 2010. This was a community clean-up program in partnership with Abington Police for their medication collection and disposal. SAGE members also collected electronic items, such as air conditioners, computers, fax machines, microwaves, phones, refrigerators, etc.	The Town of Abington will continue to support local clean-up efforts.
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**2. Public Involvement and Participation (contd.)**

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9

12	Community clean-ups	Highway Department Board of Health	The Town of Abington Parks and Recreation Department is responsible for emptying all trash containers at local parks and at the grammar school. The Town will provide trucks and other material to support cleanup efforts and disposal of materials.	Program continued as described in prior reporting periods.	The Town of Abington will continue to support local cleanup efforts.
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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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
13	Inventory and mapping of storm drain system	Grant Writer Planning Board Board of Health	Abington will identify appropriate sources of funding assistance (SRF, 319 Grant Program, 604(b) Grant Program, Lakes & Ponds Grant Program, Source Water Protection Grant Program, Recycling Grant Program) and apply for assistance in implementing portions of Abington's Comprehensive Stormwater Management Program, including public education and outreach.	The Town made no further progress on obtaining new funding sources during this reporting period.	The Town will continue to monitor funding sources for further development of mapping of the storm drain system in a Geographic Information Systems (GIS) database.

14	Mapping and identification of outfalls and receiving waters	Highway Department Board of Assessors Board of Selectmen	Abington will develop and implement a plan to map all outfalls and receiving bodies of water, contingent on Town Meeting approval of funding.	<p>Large parts of the Town's drainage system have already been paper mapped as part of as-built drawings prepared during sanitary sewer construction in 2007. The Town is committed to further development of GIS maps, including GPS-surveyed outfall locations. The Town is still working on achieving a comprehensive GIS data layer with GPS-located structures for their drainage system. Efforts are being undertaken to identify appropriate funding sources to achieve this goal.</p>	<p>The Town of Abington will monitor funding sources and approval at the next Town Meeting in Fall 2011 to continue the Stormwater Mapping as part of the Illicit Discharge Detection and Elimination (IDDE) Program. If funding is obtained, the Town will embark on GPS survey of outfalls.</p>
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3. Illicit Discharge Detection and Elimination (contd.)

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) -- Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities -- Permit Year 9
15	Identification/description of problem areas	Highway Department Board of Selectmen	Abington will develop and implement an Illicit Discharge Detection and Elimination (IDDE) plan, contingent on Town Meeting approval of funding.	<p>The Town has completed an IDDE Program as part of its Comprehensive Stormwater Management Program, and has prioritized areas of town for potential sources of illicit discharges.</p> <p>The Town has also been investigating infiltration/inflow of its sewer system for the last few years, which includes house-to-house survey of sump pumps connected to the sewer, manhole investigation, and television inspection of the sewer system. The Town removes any illegal connections observed. The findings from the I/I studies have been used to determine problem areas that need to be prioritized for identification of illicit discharges as part of the Town's IDDE program.</p>	<p>The Town will request funding and approval to support implementation of the IDDE program.</p> <p>The Town will continue to promote projects that disconnect illegal connections to the storm drain system.</p>

**3. Illicit Discharge Detection and Elimination (contd.)**

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
16	Enforcement procedures addressing illicit discharges	Planning Board Town Counsel Board of Health Bylaw Review Committee Zoning Board of Appeals	Abington will review whether local authority is appropriate and able to respond to potential illicit discharges. New by-laws, if necessary, will be proposed to Town Meeting.	According to §128-1 through §128-3 of the Town's by-laws, any property-owner found to allow roof downspouts, foundation drains, sump pumps, or other sources of surface runoff or groundwater to the municipal sewer system, will be given written notice by the Board of Sewer Commissioners to provide proof of discontinuance of said illegal connection within 30 days. Failure to discontinue such connection will result in a \$50 fine per day until the violation is shown to be removed. The fine shall be added to the property owner's sewer usage bill and shall be subject to the interest and lien penalties of the usage bill.  The Town is considering passing a similar bylaw related to precluding non-stormwater discharges to the storm drain system.	The Town Manager's office will develop and present a stormwater bylaw that precludes any non-stormwater discharge to the Town's storm drain system. This bylaw is proposed to be presented at the next Town Meeting in Fall 2011.

3. Illicit Discharge Detection and Elimination (contd.)

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
17	Public information program regarding hazardous wastes and dumping	Board of Health	Abington will provide educational brochures to residents within the member communities promoting proper disposal of household hazardous wastes and conditions for regional collections.	The South Shore Recycling Cooperative distributed the "Household Hazardous Product Collection Schedule" to Abington residents. This newsletter includes recycling contact information and details of the mandatory recycling program. The Town Hall has several educational brochures/informational resources including "Are You Troubled by Toxics? Bring Them to a Household Hazardous Product Collection" and Notices regarding the Abington recycling program, the Compost Site/CRT Center, and an example letter of failed Title V waiver are available at the Board of Health.	Hazardous waste and dumping brochures will continue to be distributed and made available to the public.

19	Watershed assessments and studies	Conservation Commission Board of Health Park & Recreation Grant Writer	Abington will identify opportunities for funding assistance from DEP's 604(b) and 319 grant programs and the Department of Environmental Management's Lakes and Ponds Grant Program to support watershed assessment and implementation activities. Tasks can include design and installation of stormwater BMPs and public outreach including storm drain stenciling. Emphasis will be on assessments and remediation of stormwater related problems impacting water quality in Cleveland Pond, Cushing Pond, and Island Grove Pond. These water bodies have been identified as impaired and are on DEP's 303(d) list.	The Town of Abington has not yet identified appropriate funding sources for watershed assessment.	The Town will continue to monitor funding sources for applicability for watershed assessment as affected by stormwater related problems.
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3. Illicit Discharge Detection and Elimination (contd.)

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
20	Watershed assessments and studies	Board of Selectmen Water Department	The Town of Abington will encourage the Rockland Abington Joint Water Works to apply for funding assistance from DEP's Source Water Protection Program for grant assistance to develop wellhead protection plans and stormwater management plans within Zones II.	No further activity in this reporting period.	The Town of Abington will ascertain the availability of funds from DEP's Source Water Assessment and Protection (SWAP) Program in Permit Year 9. Since stormwater discharges have been identified as one of the five potential threats to public water sources in the SWAP Program, the Town will continue to monitor stormwater discharges as part of protecting their drinking water sources.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
21	By-law: Storm water management regulations for construction sites 1 acre or larger	Planning Board Conservation Commission Town Counsel Board of Health Zoning Board of Appeals	Abington will review model bylaw developed by DEP in consultation with the Attorney General's Office.	The Town's bylaw review committee has not yet addressed this bylaw. Although the by-law has not yet been passed, the Town's planning consultant reviews submittals for conformance with NPDES Phase II requirements. Policy and guidelines for development have allowed practical application of Phase II goals. The Town is making efforts towards the development of this bylaw and plans to present this at the next Town Meeting in Fall 2011.	Abington will develop this bylaw that regulates stormwater discharges from construction sites 1 acre or larger, and proposes to present this at the next Town Meeting in Fall 2011.

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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
22	Bylaw: Require post-construction runoff controls	Planning Board Conservation Commission Town Counsel Board of Health Zoning Board of Appeals	Abington will review model by-law developed by DEP in consultation with the Attorney General's Office.	See BMP #21.	See BMP #21.

6. Municipal Good Housekeeping

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) -- Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities -- Permit Year 9
23	Develop a municipal Operations and Maintenance Plan	Highway Department	Using regulations and recommendations from DEP and EPA, Abington will develop and update an operations and maintenance plan to include proper disposal of street sweepings, catchbasin cleanout, snow disposal, roadway deicing procedures, vehicle washing, and outside storage of materials.	The Town of Abington has completed an <i>Illicit Discharge Detection and Elimination (IDDE) Program</i> as part of the Town's Comprehensive Stormwater Management Program. As part of the IDDE Program, the Town has a summary of recommendations developed as water quality-friendly maintenance practices, EPA and DEP Fact Sheets pertaining to Municipal Operations and Maintenance. The Town of Abington Highway Department cleans catch basins and drainage swales on an as-need basis, and sweeps all streets and sidewalks once per year. Personnel maintain records of operational problems with the stormwater system.	The Town of Abington Highway Department will continue to review sample maintenance plans and incorporate any relevant practices for Permit Year 9.

6. Municipal Good Housekeeping (contd.)

BMP ID #	BMP Description	Responsible Dept./ Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
24	Develop a municipal Operations and Maintenance Plan	Highway Department	Abington will implement a formal inspection program, including maintenance logs and scheduling, for catchbasin cleaning, repairs, and new installation. Abington will send a minimum of 5 public works employees annually to training seminars sponsored by Mass Highway.	Same as BMP #23.	Same as BMP #23.
25	Develop and implement training programs for municipal employees	Highway Department		The Superintendent and the Assistant Superintendent have received and completed (Incident Command System) training: ICS 100, ICS 200 and ICS 300.  The Superintendent and the Assistant Superintendent are active members of the Plymouth County Highway Association and the Mass Highway Association. They continue to regularly participate in training sessions conducted by these associations.	Training sessions and/or seminars will continue to be conducted for the Town's Highway personnel.
26	Review storm drainage infrastructure needs	Highway Department	Abington will incorporate storm drain infrastructure review in Abington's Chapter 90 project utilizations.	The Town of Abington Highway Department provided storm drain improvements during road construction projects.	The Town of Abington will continue to provide storm drain system improvements.