P

Municipality/Organization: Town of Abington

EPA NPDES Permit Number: MA041026

MaDEP Transmittal Number: W - 040557

Annual Report Number & Reporting Period: **No. 4: April 06 – March 07**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Phillip L Warren, Jr. Title: Town Manager

Telephone #: (781) 982-2100 Email: Pwarren@Abingtonmass.com

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:

Printed Name: Phillip L Warren, Jr.

Title: Town Manager

Date: 4-30-08

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.F – The Town failed to submit annual report No. 4 on or before May 1st, 2007. The report was submitted concurrently with Annual Report No. 5 on May 1, 2008.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1	Create a Stormwater Program	Highway Department Planning Board Conservation Commission Board of Health Board of Selectmen	Abington will present to the public at a public meeting Abington's draft Comprehensive Stormwater Management Program.	The Stormwater Program was reviewed with the new Town Manager, Assistant Town Manager, and Highway Superintendent. Additional funding was not obtained for specific outreach activities. Education and outreach activities will be undertaken to the extent possible with available department funds.	The Stormwater Program will continue to be an integral part of Department activities. Specific events, outreach efforts or educational material relevant to respective Department activities will continue as practicable under existing budgets.
2	Create a Stormwater Program	Highway Department Park & Rec 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 of Abington applied and received funding from the DEP recycling grant program for 2005. No additional sources of funding were identified nor obtained.	The Town will monitor funding sources for applicability.

1. Public Education and Outreach (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4	Planned Activities – Permit Year 5
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 Town of Abington is in receipt of EPA educational materials on disk for easy printing and distribution. The South Shore Recycling Cooperative distributes the "2006-2007 Household Hazardous Product Collection Schedule" to Abington residents. This newsletter includes recycling contact information and details of the mandatory recycling program. o See previous reports for existing programs still in operation.	Brochures will continue to be distributed and made available at town buildings. No new specific initiatives have been planned.

1. Public Education and Outreach (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4	Planned Activities – Permit Year 5
4	Target groups likely to impact storm water	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.	The Town of Abington is in receipt of EPA educational materials on disk for easy printing and distribution. See BMP #3	Brochures will continue to be distributed and made available to the public.
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. http://www.abingtonmass.com/	No progress for this BMP was made in Permit Year 4.	The Town of Abington will arrange to have these links posted on the Town website when the site has been completed.
6	Identify alternative information sources	MIS Department	Abington will also post links on its website to the Taunton River Watershed Council http://www.tauntonriver.org/	No progress for this BMP was made in Permit Year 4. See above.	The Town of Abington will arrange to have these links posted on the Town website when the site has been completed.
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 of Abington utilized the local access channel for notification of stormwater information. The Town of Abington arranged to post minutes of the Public Meetings on the Town website.	The Town of Abington will continue to utilize the local access channel for notification of stormwater information, and post minutes of the public meetings.
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 of Abington will continue to seek applicants for TRWA liaison.

1. Public Education and Outreach (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4	Planned Activities – Permit Year 5
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 2006-2007 were held as scheduled.	The Town of Abington will continue to work with the SSRC. Flyers will be sent to Town of 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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.	See previous reports. Programs continued as described in previous reporting periods.	The Town of Abington will distribute storm drain stenciling information to interested organizations.
11	Community clean-ups	Highway Department Abington 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.	In addition to annual activities previously reported, the Town now actively employs individuals performing "community service" obligations in a clean up and maintenance capacity.	The Town of Abington will continue to support local cleanup efforts.
12	Community clean-ups	Highway Department Board of Health	Town will provide trucks and other material to support cleanup efforts and disposal of materials.	Programs continued as described in previous reporting periods.	The Town of Abington will continue to support local cleanup efforts.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4	Planned Activities – Permit Year 5
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 prepared and passed a warrant article for Fall 2006 Town Meeting to obtain funding to continue the mapping program, however funding could not be provided due to emergency drainage repair at Spruce Street.	The Town will monitor funding sources for applicability for further mapping of the storm drain system.

3. Illicit Discharge Detection and Elimination (Cont'd)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4	Planned Activities – Permit Year 5
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.	Some progress was achieved in conversion of paper-based mapping to GIS systems. Additional funding is being sought to continue this program through FY 2007. Approximately 98% of the Town's drainage system (including all known outfalls) have been paper mapped as part of as-built drawings prepared during sanitary sewer construction. For purposes of NPDES permit requirements, the mapping is essentially completed. The Town is committed to further development of GIS maps (including GPS-surveyed outfall locations) in order to provide a better long-term operations and maintenance program.	The Town of Abington is requesting funding to continue the Stormwater Mapping as part of the Illicit Discharge Detection and Elimination (IDDE) Program for approval at Town Meeting. If funding is obtained, the Town will embark on GPS survey of outfalls. The Town of Abington will monitor funding sources for applicability for further mapping of the storm drain system.

3. Illicit Discharge Detection and Elimination (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.	The Town of Abington has completed an *Illicit Discharge Detection and Elimination (IDDE) Program* as part of the Town's Comprehensive Stormwater Management Program. As part of the IDDE Program, the Town prioritized areas of town for potential sources of Illicit Discharges The Town of Abington has been investigating infiltration/inflow of its sewer system for the last few years. This investigation 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.	Contingent on approval of funding at Town Meeting, as part of the IDDE Program, the Town of Abington will GPS survey outfalls and identify potential sources of illicit discharges beginning with prioritized areas identified in the IDDE Plan. In the event funding is not approved at TM, the Town will continue to seek funding for this program annually. The Town of Abington has requested funding for Town Meeting approval to support the implementation of the IDDE Plan. The Town of Abington will continue to promote projects that disconnect illegal connections to the storm drain system.

3. Illicit Discharge Detection and Elimination (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.	The Town reviewed model by-laws. No proposed by-law was presented for consideration at Town Meeting, however.	The Town anticipates drafting a by-law for presentation at Spring 2007 Town Meeting.

3. Illicit Discharge Detection and Elimination (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.	o Program has continued as described in previous reporting periods.	Hazardous waste and dumping brochures will continue to be distributed and made available to the public.
18	Initiation of recycling programs	Board of Health Grant Writer	Abington will apply for funding assistance from DEP's Recycling Grant Program for assistance in public education and the purchase of recycling materials.	The Town of Abington applied for and received funding assistance from DEP's Recycling Grant Program for assistance in the purchase of recycling materials for FY 2005. The grant was not obtained for FY 2007.	The Town of Abington will continue to monitor funding sources for applicability for recycling.

3. Illicit Discharge Detection and Elimination (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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 waterbodies have been identified as impaired an on DEP's 303d list.	The Town of Abington has not identified appropriate funding sources for watershed assessment.	The Town will monitor funding sources for applicability for watershed assessment as affected by stormwater related problems.

3. Illicit Discharge Detection and Elimination (cont'd)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.	Abington / Rockland Joint Water Works was awarded $908,000 from the Massachusetts Drinking Water State Revolving Fund (DWSRF) in 2006. The Abington / Rockland Joint Water Works will use this loan for upgrades of water treatment facilities.	The Town of Abington will ascertain the availability of funds from the Source Water Protection Program in Permit Year 5.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
21	Bylaw: 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 by-law developed by DEP in consultation with the Attorney General's Office.	The Town's by-law review committee has not yet addressed this by-law. No further action was undertaken in this permit year.	The Town's by-law review committee will be taking up this issue in FY 2009.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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 Above.	See above.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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 de-icing procedures, vehicle washing, and outside storage of materials.	The Town of Abington has completed an *Illicit Discharge Detection and Elimination (IDDE) Program* 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 once per year, cleans drainage swales when necessary, and sweeps all streets and sidewalks once per year. Personnel record daily operations and record any problems with the stormwater system.	The Town of Abington Highway Department will continue to review sample maintenance plans and incorporate any relevant practices.

6. Pollution Prevention and Good Housekeeping in Municipal Operations (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.	Program has continued as described in previous reporting periods.	The Town of Abington Highway Department will review sample maintenance plans and incorporate any relevant practices.
25	Develop and implement training programs for municipal employees	Highway Department	Abington will send a minimum of 5 public works employees annually to training seminars sponsored by MassHighway, BayState Roads, and other relevant agencies or vendors, as funding allows.	In addition to many accident prevention programs attended by Highway Department employees through the MIIA rewards programs, two highway department employees attended Hazardous Materials handling courses and MSDS (Material Safety Data Sheet) training and achieved certificates. Also, all Highway Dept. personnel obtained 10-hour OSHA training certificates.	Town is focusing on identifying seminars or training offered free of charge. When such programs are identified highway personnel will be encouraged to attend (and time will be provided to allow them to do so.)

6. Pollution Prevention and Good Housekeeping in Municipal Operations (cont'd.)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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.