

TOWN OF SEEKONK  
PUBLIC WORKS DEPARTMENT



April 28, 2009

United States Environmental Protection Agency  
c/o Glenda Velez  
1 Congress Street, Suite 1100 – C I P  
Boston, MA 02114-2023

Massachusetts Department Of Environmental Protection  
c/o Fred Civian  
One Winter St – 5<sup>th</sup> Floor  
Boston, MA 02108

Reference: NPDES Permit MAR041156 – Town Of Seekonk, Fifth Annual Report

The Town of Seekonk has completed all components of our NPDES permit. These accomplishments were secured through a considerable effort of our Stormwater Advisory Committee (SWAC), which is solely responsible for administering our Stormwater Management Plan. The results of committee meetings, completed tasks, research and development of By-Laws and the fulfillment of the permit requirements have been challenging and rewarding to the Committee. Seekonk continues to have a supportive municipal leadership team and has partnered with public and private entities in attaining our goals.

Informational and educational opportunities for children, adults, businesses and organizations have been useful tools in reaching goals set forth in our Stormwater Management Plan. Web Postings, Mailings and Public Meetings have been viable tools for public awareness and education while increasing our ability to inform the public and private entities. Improving water quality continues to be our main objective.

The Town of Seekonk continues its efforts to improve water quality providing residents with information and educational opportunities helping to reduce household pollution. Our SWAC continues to seek training opportunities that will assist with the continued development and implementation of BMP's. The SWAC will continue to meet and review implemented BMP's, monitor By-Laws and make changes necessary that will continue to improve water quality.

Sincerely,

Robert Lamoureux, Superintendent

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**TOWN OF SEEKONK – STORMWATER MANAGEMENT PROGRAM UPDATE**

**1. Public Education**

**1A.** Permanently mounted Nonpoint Source Pollution posters at all municipal buildings have been checked, updated and replaced as needed.

**1B.** A Stormwater informational message has been updated and is aired monthly on the local cable access channel.

**1C.** Stormwater information was updated and posted on the Seekonk home web page. Additional links for children and adults with related information have been provided for further education. The new Construction and Post Construction By-Laws have also been posted on the town's web site for residents to review.

**1D.** Waste oil regulation brochures have been distributed to 84 auto repair shops, automobile dealerships, transmissions repair shops, car washes and related repair shops, through a target mailing.

**Outside of Permit Scope**

**This year Seekonk provided the community with additional educational opportunities and continues its advancement to achieve the objectives of our NPDES permit.**

Stormwater informational brochures were handed out at Earth Day May 2008 and America Recycles Day in November 2008. A public informational brochure was developed and mailed to all Seekonk residents in March 2008. The brochure, included household BMP's to help protect rivers, streams, reservoirs and wetlands.

The SWAC scheduled to meet semi-annually, held 12 meetings and 4 workshops to research and review present practices, discuss BMP's and continue the research and development of Construction and Post Construction By-Laws. The SWAC attended several training seminars that targeted Erosion and Sedimentation Control and Post Construction BMP's. The SWAC received training for Erosion Sedimentation Inspections.

**2. Public Involvement**

**2A.** The Seekonk Stormwater Advisory Committee held meetings to discuss progress with the development of By-Laws, review completed tasks, update public education and information posters and discuss accomplishments to date. The SWAC presented the Construction and Post Construction By-Laws at town meeting in November, 2008. It was adopted at Town meeting and reviewed and approved by the Attorney Generals Office.

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**2B.** A Household Hazardous Waste Day was held on Saturday, April 19, 2008. Free disposal of household hazardous waste is available to all Town residents. Last year 1,034 gallons of various hazardous products were collected and disposed.

**2C.** The Department of Public Works continues to maintain a waste oil and anti-freeze drop off site. Waste oil and anti-freeze are accepted at the Public Works Garage at no charge to residents. Last year 1,795 gallons of oil, 110 gallons of anti freeze and 139 car batteries were collected.

**2D.** The SWAC holds public outreach informational meetings in February, May, August, and November.

**2E.** The Town sponsored an Earth Day where areas of litter and debris were targeted for clean up. Last year 268 trash bags were filled and collected along with 63 tires, 1½ tons of metal and ½ ton of wood. Participants included the Boy Scouts, a group of high school students along with 75 community volunteers. The Town also sponsored a T-shirt design contest. The slogan for 2009 is LITTER PATROL.

**3. Illicit Discharge Detection and Elimination**

**3A.** The Town of Seekonk's Conversation Agent, Bernadette DeBlander, walked streams, water channels, wetlands and waterways identifying and locating the Town's outfalls. To date 100% of our outfalls have been located. The Town has completed locating and mapping of outfalls. Weston & Sampson Engineering Inc. was hired and completed locating and mapping outfalls with a global positioning system.

**3B.** The SWAC completed a review of existing regulations and has developed new regulations to be utilized as a guide for detection and elimination of illicit discharge.

**3C.** The SWAC has developed a By-Law to identify and eliminate illicit discharges. Included in its By-Law the SWAC has developed guidelines recommending sanctions for non-compliance. The By-Law has been adopted at Town meeting in May 16, 2006 and approved by the Attorney Generals Office. The DPW and BOH will continue to investigate and recommend BMP's for corrective measures to eliminate illicit discharges.

**3D.** The SWAC has developed a by-law, which meets the minimum requirements of the EPA, for illicit discharge, detection and elimination.

**3E.** The SWAC presented the By-Law at town meeting May 16, 2006. It was adopted at Town meeting and reviewed and approved by the Attorney Generals Office. Since its adoption many letters have been sent to residents concerning illicit discharges. Known discharges have been targeted and BMP's implemented for corrective measures.

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**4. Construction Site Runoff Control**

4A. The SWAC has completed its review of present practices and procedures for construction site inspection. An erosion and sedimentation By-law has been developed and adopted by the SWAC.

4B. The SWAC has develop a policy for inspections of construction sites. Present procedures and BMP's have been included in the policy. The SWAC has received erosion and sedimentation inspectors training.

4C. The SWAC completed its review existing regulations and has determined the necessary changes and modifications for implementation. Enforcement issues are controlled by non-release of surety bond.

4D. Since regulatory controls exist, the SWAC has proposed necessary amendments to the present regulations to meet EPA requirements.

4E. The SWAC presented the By-Law at town meeting November 2008. It was adopted at Town meeting and reviewed and approved by the Attorney Generals Office.

**5. Post Construction Runoff Control**

5A. The SWAC has reviewed present practices and procedures for post construction site inspection. A By-Law has been developed and adopted by the SWAC.

5B. The SWAC has developed a policy for inspections of post construction runoff control. Existing practices and procedures will be incorporated. Members of the SWAC have received post construction site runoff training.

5C. Existing practices have been reviewed and amendments have been incorporated to meet EPA requirements.

5D. Existing procedures have been reviewed for post construction runoff. Amendments and BMP's have been incorporated into existing practices and a new by-law has been developed. The by-law has been adopted by the SWAC.

5E. The SWAC presented the By-Law at town meeting November 2008. It was adopted at Town meeting and reviewed and approved by the Attorney Generals Office.

**6. Municipal Good Housekeeping**

6A. The SWAC has reviewed measurable goals and completed task, along with BMP's for street sweeping and catch basin cleaning which have been completed. Efforts were made to increase public involvement on the SWAC. Public educational goals were met. Street sweeping of all town roads by the Department of Public Works will continue

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in the spring of 2009. Sweeping of main and connector roads will be performed at least 2 times per year but more often if needed. This practice will continue annually.

**6B.** The DPW will once again be using a contractor to complete system wide catch basin cleaning. The DPW will continue inspections of catch basins that have been cleaned. Inspection of catch basins will include the condition of the structure and the frame and grate. Approximately 468 yards of material was retrieved from CB's. Each year damaged catch basins are identified repaired as needed.

**6C.** A municipal audit has been completed. Weston & Sampson Engineers conducted the audit. Site inspections of municipal buildings have been completed. Deficiencies have been targeted and BMP's for corrective measures were developed and implementation is ongoing. Spill containment for oil drums has been provided. Flammable cabinets are available for storage of all combustible materials. An MSDS file has been established and is updated for all materials purchased.

**6D.** Training for spill containment and MSDS has been completed. Training will continue in 2008. Safety and stormwater training will be topics for future consideration.

**6E.** Follow up inspections at municipal buildings will continue to be performed in 2009, allowing facilities time to implement BMP's and corrective measures.

## **7. BMP's for meeting TMDL**

**7A.** The water quality management study for the Runnins River has been completed. The final report has been completed and was submitted in the summer 2006.

**7B.** An illicit discharge detection and elimination By-Law has been developed by the SWAC. The new By-Law was presented to the town's By-Law committee for review. The By-Law was presented and adopted at town meeting May 2006 and approved by the Attorney General. Reference, **3C, 3D & 3E.**

**7C.** The BOH and Conservation Agent have developed regulations for waterfowl ratification. The BOS has adopted the regulations. Regulatory signs have been posted at public and private water bodies being impacted by waterfowl. Waterfowl information has been added to the town's web site and will also be aired on the local cable access channel.

**7D.** The DPW will continue with its annual street sweeping and catch basin cleaning programs. Funding for fiscal year 2009 has been approved. Spill containment for oil drums and flammable cabinets for combustible material has been provided. Reference, **6A, 6B and 6C.**

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**For the purpose of this report the following shall mean,**

SWAC – Stormwater Advisory Committee

BOS – Board of Selectmen

BOH – Board of Health

DPW – Department of Public Works

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**Sixth Annual Report - NPDES Permit MAR041156**

**Stormwater Management Program**

**1. Public Education**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
1A	Distribute and Post Nonpoint Source Pollution Posters	Post in all town buildings and schools	Posted Continuing
1B	Air stormwater message on local cable access channel	Posted once per month	Posted Continuing
1C	Add stormwater information to the town website	Information updated New links added	Posted Continuing
1D	Obtain and distribute waste oil regulation brochures	Distribute to all affected local businesses	Completed summer 2005

**2. Public Involvement**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
2A	Form Stormwater Advisory Committee (SWAC)	Hold semi-annual meetings Additional meetings held	Completed continuing
2B	Hazardous Waste Collection	Hold an annual Hazardous Waste Collection Day	Completed continuing
2C	Waste Oil Collection	Collect waste oil daily	Completed
2D	Town outreach meetings	Hold meetings quarterly	Completed continuing
2E	T-Shirt Contest	Hold Environmental contest annually	Completed continuing

**3. Illicit Discharge Detection and Elimination**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
3A	Map Outfalls	Complete mapping by end of fifth permit year	Completed 100%
3B	Review existing by-laws and regulations	Existing bylaws and regs meet EPA requirements	Review Completed by SWAC
3C	Develop illicit discharge detection and elimination plan	Recommendations made for inclusion in proposed plan	IDDE Developed by SWAC
3D	Develop/modify illicit discharge detection and elimination bylaw	Recommendations proposed for new bylaw	BY-Law Developed permit year 2006
3E	Present bylaw for adoption at town meeting May 2006	Presented at town meeting Adopted by Town	Adopted by Town & Attorney General

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**4. Construction Site Runoff Control**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
4A	Review existing site inspection practices	Determine if existing practices meet EPA requirements	Review Completed by SWAC
4B	Develop/modify site inspection program	Make recommendations to modify existing program	Review Completed by SWAC
4C	Review existing bylaws and regulations	Determine if existing bylaws meet EPA requirements	Review Completed by SWAC
4D	Develop/modify bylaws for construction site runoff	Propose recommendations to existing regulations	By-Law Developed Adopted by SWAC
4E	Present bylaw for action at town meeting	Presented at town meeting Adopted by Town	Adopted by Town & Attorney General

**5. Post Site Construction Runoff Control**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
5A	Review existing site inspection practices	Determine if existing practices meet EPA requirements	Review Completed by SWAC
5B	Develop/modify site inspection practices and procedures	Recommendations made to modify existing practices	Review Completed by SWAC
5C	Review existing bylaws and regulations	Determine if existing bylaws meet EPA requirements	Review Completed by SWAC
5D	Develop/modify bylaws for post construction site runoff	Propose recommendations to existing regulations	By-Law Developed Adopted by SWAC
5E	Present bylaw for action at town meeting	Presented at town meeting Adopted by Town	Adopted by Town & Attorney General

**6. Municipal Good Housekeeping**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
6A	Street sweeping program	Sweep all streets annually mains and connectors 2 times annually	Completed continuing
6B	Catch basin cleaning program	Clean and inspect all catch basins annually	Completed continuing
6C	Perform site visits and inspect practices at all municipal facilities	Target all applicable municipal facilities	Completed Final Report Received



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<b>6D</b>	Train Municipal employees at each facility	Target employees at all municipal facilities	Some Completed continuing
<b>6E</b>	Perform follow up inspections to insure compliance	Implement corrective measures and BMP's	Under way continuing

**7. BMP's For meeting TMDL**

<b>BMP ID#</b>	<b>Best Management Practices</b>	<b>Measurable Goal</b>	<b>Status</b>
<b>7A</b>	Water quality management project for the Runnins River	Samplings completed final report completed	Final Report submitted 2006
<b>7B</b>	Illicit discharge and elimination program	Implement BMP's reference <b>3C, 3D &amp; 3E</b>	By-Law Developed IDDE's targeted
<b>7c</b>	Consider deterring water fowl from Grist Mill Pond	Memo to private property owner	Regulations In Place signs posted
<b>7D</b>	Municipal good housekeeping	Implement BMP's Reference <b>6A, 6B &amp; 6C</b>	Some Completed continuing