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## TOWN OF SEEKONK PUBLIC WORKS DEPARTMENT

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April 6, 2007

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

Massachusetts Department Of Environmental Protection  
Division Of Watershed Management  
627 Main Street  
Worcester, MA 01608


Reference: NPDES Permit MAR041156 - Town Of Seekonk, Fourth Annual Report

The Town of Seekonk continues its progress, achievements, and BMP's as outlined in our Stormwater Management Plan. The following completed tasks, achievable goals and review of remaining permit requirements, continue to challenge the Public Works Department and be a cooperative effort of the municipality and the community.

We continue our efforts to educate and inform all residents, continue to promote public involvement and partnerships with businesses to fulfill the requirements of our Stormwater Management Plan. We realize the importance of updating information and providing further educational opportunities with community members and businesses to assist in attaining our goals. Improving water quality, public awareness and education continue to be our main objectives.

While Seekonk continues its research, development and implementation of remaining task, we relish accomplishments to date while continuing advancement using BMP's, reaching attainable goals and educating employees. Our Stormwater Advisory Committee has been proactive in seeking training opportunities and seminars that have assisted with research and development of new By-Laws. The combined efforts of municipal, community and business leaders have been extremely helpful in planning, developing, organizing and implementing BMP's assisting to reduce pollutants from entering into water bodies and improving water quality.

Sincerely,

  
Robert Lamoureux, Superintendent

## **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 in permit year 5.

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 IDDE By-Law has also been posted on the town's web site for residents to review.

1D. Waste oil regulation brochures have been distributed to 86 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 education and continues its proactive approach to complete the requirements of our NPDES permit.**

Stormwater informational brochures are handed out at our America Recycles Day in November 2006. A public informational brochure has been developed and was mailed to all Seekonk residents in April 2007. The brochure, included household BMP's to help protect rivers, streams, reservoirs and wetlands.

Although the SWAC is scheduled to meet semi-annually, 12 SWAC meetings were held to assist with the review of present practices, discuss BMP's and continue the research and development of by-laws. The SWAC continues to be the driving force toward completion of our permit requirements.

### **2. Public Involvement**

2A. The Seekonk Stormwater Advisory Committee held meetings to discuss progress with development of By-Laws, review completed tasks, update public education and information posters and discuss accomplishments to date. An IDDE policy has been developed and adopted at Town meeting May 2006 and approved by the Attorney General.

2B. A Household Hazardous Waste Day is scheduled for Saturday, April 21, 2007. Free disposal of household hazardous waste is available to all Town residents. Last year 1,040 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 1,670 gallons of oil, 216 gallons of anti freeze and 228 car batteries were collected.

2D. The Town Administrator holds public outreach informational meetings in April, June, August and October.

2E. The Town will also sponsor an Earth Day, where areas of litter and debris are targeted for clean up. Last year 215 trash bags were filled and collected. Participants included the Boy Scouts, a group of high school students along with 35 community volunteers. The town also sponsored a T-shirt design contest. This year's slogan for 2007 is, LITTER BUGS ME.

### **3. Illicit Discharge Detection and Elimination**

3A. The Town will continue locating and mapping of outfalls. An engineering firm has been hired and will continue locating outfalls with a global positioning system. Approximately 60% of our outfalls have been located to date.

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 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 several letters have been sent to residents and BMP's implemented for corrective measures.

### **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.

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. Presentation of the new by-law for adoption at Town meeting will take place in permit year 5 - 2007.

## **5. Post Construction Runoff Control**

5A. The SWAC is reviewing present practices and procedures for post construction site inspection. Model policies are being reviewed; a policy has not been adopted at this time.

5B. The SWAC has begun to develop a policy for inspections of post construction runoff control. Existing practices and procedures will be incorporated.

5C. Existing practices are being reviewed and amendments will be incorporated to meet EPA requirements.

5D. Existing procedures are being reviewed for post construction runoff. Amendments and additions will be incorporated into existing practices, while developing a new by-law.

5E. Presentation of the new by-law for adoption at Town meeting will take place in permit year 5 - 2007.

## **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 in the spring of 2007. Sweeping of main and connector roads will be performed at least 2 times per year but more often if needed. This practice will continue through the permit cycle. Last year all town secondary roads were swept once (1) while main and connector roads were swept twice (2) times.

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.

**6C.** A municipal audit is presently underway. Weston & Sampson Engineers is conducting the audit. Site inspections of municipal buildings have begun. Deficiencies will be targeted and BMP's for corrective measures will be developed and implemented. 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 2007. Illicit Discharge will be one topic targeted for future training.

**6E.** Follow up inspections will be performed in permit year 5, 2007, allowing facilities time to implement 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 delivered in the summer 2006.

**7B.** An illicit discharge detection and elimination By-Law has been developed by the SWAC. The new By-Law has been presented to the town's By-Law committee for review. The By-Law has been 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 2007 has been approved. Spill containment for oil drums and flammable cabinets for combustible material has been provided. Reference, **6A, 6B and 6C.**

**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

**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
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	In progress 60% complete
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	Presented at town meeting Adopted by Town	Adopted by Town & Attorney General

#### 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 by SWAC
4E	Present bylaw for action at town meeting	Make presentation for adoption at town meeting	Permit Year 2007

#### 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 In Progress by SWAC
5B	Develop/modify site inspection practices and procedures	Recommendations made to modify existing practices	Review In Progress by SWAC
5C	Review existing bylaws and regulations	Determine if existing bylaws meet EPA requirements	Review In Progress by SWAC
5D	Develop/modify bylaws for post construction site runoff	Propose recommendations to existing regulations	SWAC Compiling data
5E	Present bylaw for action at town meeting	Make presentation for adoption at town meeting	Permit Year 2007

#### 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 Due
6D	Train Municipal employees at each facility	Target employees at all municipal facilities	Some Completed continuing
6E	Perform follow up inspections to insure compliance	Target all applicable municipal facilities	Permit Year 2007

## 7. BMP's For meeting TMDL

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