



**TOWN OF SEEKONK  
PUBLIC WORKS DEPARTMENT**

4/20/12

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April 18, 2012

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Reference: NPDES Permit MAR041156 – Town Of Seekonk, Eighth 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). The achievement of our goals was accomplished by a succession of meetings, research, development and implementation of By-Laws and through a collaborative endeavor of the SWAC. The fulfillment of the permit requirements has been challenging but we believe our efforts have improved water quality. We continue to partner 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 using BMPs such as cleaning all catch basins annually and beginning our street sweeping operation as soon as practical. Also, we continue to be proactive with our IDDE program remitting a multitude of letters to residents which has resulted in the elimination of many illicit discharges. We are certain these measures have helped to reduce pollutants entering into streams, waterways and wetlands.

While we are pleased with our past accomplishments we are extremely concerned with the new permit and the challenges of meeting those demands. Seekonk continues to have a supportive municipal leadership team but appropriations for unfunded mandates will be highly scrutinized as programs are dropped and jobs are lost while communities struggle with budget cuts. While we recognize and agree that water quality is imperative, we are faced with meeting requirements that cannot be met without financial assistance.

Sincerely,

Robert Lamoureux, Superintendent

Cc: Board of Selectmen  
Pamela Nolan, Town Administrator  
SWAC Members



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### TOWN OF SEEKONK – STORMWATER MANAGEMENT PROGRAM UPDATE

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

ConComm – Conservation Commission

#### 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 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 website for residents and contractors 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

**Seekonk provided the community with additional educational opportunities and recycling opportunities to achieve the objectives of our NPDES permit.**

Stormwater informational brochures were handed out at Earth Day April 2011 and America Recycles Day in November 2011. A public informational brochure was developed and mailed to all Seekonk residents in March 2010. The DPW also collects batteries, fluorescent bulbs and mercury items at no cost to residents.

#### 2. Public Involvement

2A. The Seekonk Stormwater Advisory Committee held meetings to review By-Laws, review completed tasks, update public education and information posters and discuss accomplishments to date. The Construction and Post Construction By-Laws have been adopted as regulations by the Planning Board and have been implemented for any future developments that are proposed in the Town.



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- 2B.** A Household Hazardous Waste Day was held on Saturday, April 30, 2011. Free disposal of household hazardous waste is available to all Town residents. Last year 896 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 antifreeze are accepted at the Public Works Garage at no charge to residents. Last year 1,670 gallons of oil, 76 gallons of antifreeze and 131 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 218 trash bags were filled and collected along with numerous tires, tons of metal and wood. Participants included the Boy Scouts, and a group of high school students along with 75 community volunteers.

### **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 all 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 was adopted at Town meeting on May 16, 2006 and was approved by the Attorney General's 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 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 General's Office. Since its adoption numerous letters have been sent to residents concerning illicit discharges. Known discharges have been targeted and BMPs 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 BMPs have been included in the policy. The SWAC has received erosion and sedimentation inspectors training.

**4C.** The SWAC completed its review of 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 BMPs 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 tasks, along with BMPs 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 2012. 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 480 yards of material was retrieved from CBs. Each year damaged catch basins are identified and 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 BMPs 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 2012. Safety and stormwater training will be topics for future consideration.

**6E.** Follow up inspections at municipal buildings will continue to be performed in 2012 allowing facilities time to implement BMP's and corrective measures.

### **7. BMPs 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.

**7D.** The DPW will continue with its annual street sweeping and catch basin cleaning programs. Funding for fiscal year 2013 has been approved. Spill containment for oil drums and flammable cabinets for combustible material has been provided. Reference, **6A, 6B and 6C.**



**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
1A	Distribute & Post Nonpoint Source Pollution Posters	DPW	Post in all Town Buildings & Schools	Continue posting	Check posters annually
Revised					
1B	Air stormwater message on local cable channel	DPW	Posted once per month Continuing	Continue posting	Update information as needed
Revised					
1C	Add stormwater info to the Town's website	DPW	Posted to the Town's website	Continue posting	Update information as needed
Revised					
1D	Develop and distribute waste oil brochures	DPW	Distributed to all affected local business	Waste oil brochures mailed to all affected businesses	Update brochure and list of affected businesses for future mailing
Revised					
Revised					
Revised					

**1a. Additions - Outside of the permit scope**

	Stormwater Public Informational brochures	DPW	Distribute Earth Day + America Recycles Day		Continue to distribute in future years

## 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
2A Revised	Form Stormwater Advisory Committee	DPW	Hold Semi-Annual Meetings Additional meetings held	Stormwater Advisory committee formed with the following members. DPW Supt., Conservation Agent, Town Planner, Building Official and Board of Health Agent	Review existing stormwater practices. Discuss successes to date and permit requirements
2B Revised	Hazardous Waste Collection - Earth Day	DPW - BOH	Hold Annual Earth Day and Hazardous Waste Day	Volunteers collecting roadside trash and debris	Collection of hazardous waste materials, fluorescent bulbs, batteries and propane tanks
2C Revised	Waste Oil Collection	DPW	Collect waste oil daily	Oil is collected at the DPW garage Residents are encouraged to drop off waste oil at no charge	Continue with current practices
2D Revised	Town Outreach meetings	DPW/ConCom Planning	Hold public outreach meetings quarterly	Held several meetings with no participation from the public.	On hold
2E Revised	T-Shirt Contest	DPW/Recycling Coordinator	Earth Day T-Shirt design contest	Elementary schools had once participated but are no longer interested	T-shirt designs are developed by SW/AC or Recycling Committee members
Revised					

### 2a. Additions


### 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
3A	Map outfalls and drainage system	DPW/ConComm Planning	Mapping of entire storm drain conveyance system	Engineering Company hired to GPS point locate structures	Continue field research to update our map and locate additional structures We continue to find new structures and outfalls
Revised					
3B	Review existing By-Laws and regulations	SWAC	Determine if existing by-laws & regulations meet EPA requirements	Recommend changes to existing by-law and regulations	SWAC to review existing by-laws and regulations
Revised					
3C	Develop Illicit Discharge Detection and Elimination Plan	DPW	Make Recommendations proposed for plan	Illicit Discharge Detection and Elimination plan developed by DPW	DPW to review existing plan
Revised					
3D	Develop By-Law for Illicit Discharge Detection + Elimination	DPW	Recommendations proposed for by-law	Illicit Discharge Detection by-law developed by DPW	DPW to review existing by-law
Revised					
3E	Present by-law for adoption at Town meeting	DPW	By-law presented and adopted at Town meeting	By-law adopted by Attorney General	We have eliminated numerous illicit discharges since the inception of the by-law. We continue to locate and eliminate illicit discharges
Revised					
Revised					

### 3a. Additions


#### 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
4A	Review current site inspection practices	ConComm Planning	Determine if current practices meet EPA requirements	Review of current site inspection practices completed	Continue current practices
Revised					
4B	Develop/modify site inspection program	DPW/ConComm Planning	Recommendations to modify existing program	Incorporate changes of into existing program and inspection practices	Continue research of existing practices
Revised					
4C	Review existing by-law and regulations	ConComm Planning	Determine if existing by-law meets EPA requirements	Recommend changes to existing by-law and regulations	Adopt by-law modifications to meet EPA requirements
Revised					
4D	Develop/modify by-law for construction site runoff	ConComm Planning	Propose recommendations to existing by-law	By-law developed and adopted by SWAC	Have by-law adopted at Town meeting and approved by the Attorney General
Revised					
4E	Present by-law for adoption at town meeting	ConComm Planning	By-law developed and approved at Town meeting and by the Attorney General	By-law adopted by Planning Board and incorporated into planning regulations	Incorporate new by-law and regulations into plan review process and inspection practices
Revised					
Revised				Consultant hired to perform site plan reviews	

#### 4a. Additions - Outside of the permit scope

				Attend erosion and sedimentation control workshop	Incorporate training into inspection practices
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## 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
5A	Review existing site inspection practices	ConComm Planning	Determine if existing practices meet EPA requirements	Review of existing practices completed	Continue with current practices
Revised					
5B	Develop/modify site inspection practices and procedures	ConComm Planning	Recommendations made to modify existing practices	Propose recommendations to Planning Board to incorporate into current practices and procedures	Recommendations have been incorporated into inspection practices by the Planning Board
Revised					
5C	Review existing by-law and regulations	ConComm Planning	Determine if existing by-law meets EPA requirements	Review of existing by-law and regulations completed	Planning Board has adopted modifications to by-law and regulations
Revised					
5D	Develop/modify by-law and regulations for Post Construction Site Runoff	ConComm Planning	Propose changes to existing by-law and regulations	By-law and regulations have been developed and adopted by SWAC	
Revised					
5E	Present by-law for action at Town meeting	ConComm Planning	By-law presented and adopted at Town meeting	By-law adopted by Planning Board and incorporated into planning regulations	Incorporate new by-law and regulations into plan review process and inspection practices
Revised					
Revised					

### 5a. Additions – Outside of the permit scope

				Consultant hired to perform construction site inspections	

## 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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
6A	Street sweeping program	DPW	Sweep all streets once annually sweep main and secondary roads twice or more	We have been able to complete our street sweeping program as implemented	Continue with existing practices
Revised					
6B	Catch basin cleaning program	DPW	Clean all catch basins annually	We have been able to clean all our catch basins annually	Continue with current practice
Revised					
6C	Perform site visits and inspect practices at municipal facilities	DPW	Target all applicable municipal facilities	Stormwater audit completed by Consultant to determine deficiencies	Complete budget review for implementation of BMPs
Revised					
6D	Train municipal employees at facilities	DPW	Target employees at each facility	Some completed - ongoing	Future training opportunities
Revised					
6E	Perform follow up inspections at each targeted facility	DPW	Implementation of corrective measures and BMPs	Some completed - continuing	Continue to review current practices and implement BMPs to insure compliance with stormwater regulations
Revised					
Revised					

### 6a. Additions


**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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
7A Revised	Water quality management project for the Runnins River	SWAC	Provide water samplings and report	Water samplings completed final report completed and submitted	
7B Revised	Illicit discharge detection and elimination program	DPW	Implement BMPs reference 3C, 3D & 3E	Elimination of numerous illicit discharges	Continue to identify and eliminate illicit discharges
7C Revised	Consider deterring water fowl from the Grist Mill Pond	SWAC	Partner with Grist Mill Tavern owner	Adopt regulations and install signs to deter water fowl feeding	Continue to monitor
7D Revised	Municipal Good Housekeeping	DPW	Municipal audit completed, BMPs identified	Implementation of BMPs, reference 6A, 6B & 6C	Continue to review current practices and implement BMPs to insure compliance with stormwater regulations
Revised					
Revised					
Revised					

**7a. Additions**
