Municipality/Organization: TOWN OF GEORGETOWN, MA

EPA NPDES Permit Number: MAR041191

MADEP Transmittal Number: W-035530

Annual Report Number
& Reporting Period: No. 5: April 1, 2007 – March 31, 2008

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Peter Durkee | Title: Highway Supervisor

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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:

Printed Name: Matthew Vincent

Title: Chairman, Georgetown Board of Selectmen

Date: March 17, 2008

Part II. Community Self-Assessment

The Town of Georgetown, MA, assisted by the Merrimack Valley Planning Commission, has completed the required self-assessment for the reporting period of **April 1, 2007 – March 31, 2008** and has determined that our municipality is in compliance with the Small MS4 General Permit conditions.

As described in a previous (**Permit Year 1**) annual report, Georgetown's permit eligibility with regard to "listed species" and "critical habitat" criteria was pending at the time of our Notice of Intent (NOI) submission in 2003. According to a review and analysis by the environmental program staff of the Merrimack Valley Planning Commission (MVPC), our MS4 discharges were determined to not pose a threat to the continued existence of any species protected under the Endangered Species Act. Final written confirmation of this determination by the U.S. Fish & Wildlife Service/New England Ecological Services Field Office (Concord, NH) was received by Georgetown subsequent to the submittal of our Permit Year 1 Annual Report and was forwarded under separate cover to both EPA and the MA DEP/Division of Watershed Management in May 2004.

During **Permit Year 2**, the Town of Georgetown initiated or completed a variety of minimum control measures aimed at preventing pollution, reducing storm water runoff generation, and improving receiving water quality. Major milestones included the adoption of an illicit discharge detection and elimination regulation, sponsorship of a community-wide household hazardous waste collection event, training of local personnel on low impact development (LID) techniques and municipal "good housekeeping" practices, institution of a digital (*Access*-based) Title 5 septic data management system, completion of an updated townwide open space plan in compliance with MA Department of Conservation and Recreation guidelines, acquisition and preservation of a key 46-acre wellhead protection area property ("Hampshire Woods"), and establishment of a public-private "stream team" partnership to plan and promote semi-annual riparian corridor cleanups as stream conditions warrant.

During **Permit Year 3**, important milestones included the contracted inspection and maintenance of municipal catch basins, priority outfall pipe inspections (by MVPC) for illicit dry weather flows, a community-sponsored household hazardous waste collection day, a second (expanded) training workshop on LID techniques and municipal operations best management practices for town personnel, the purchase of 1000 metallic storm drain markers ("*No Dumping – Drains To River/Pond*") for student and general public education, acquisition of a 27-acre watershed parcel to protect the Parker River and town aquifer, and implementation of Open Space Residential Design (OSRD) zoning to help achieve balanced residential growth and open space preservation. [In 2005, the use of OSRD preserved 50% (80 acres) of three properties located upgradient from Rock Pond. These three properties would have been more extensively cleared and developed, with greater impervious surface coverage, under conventional subdivision design.]

During **Permit Year 4**, major milestones included the contracted inspection and maintenance of municipal catch basins; removal of sediment and debris from problem storm drain outlets; sponsorship of a community-wide household hazardous waste collection day; participation in a regional low impact development (LID) workshop hosted by MVPC, CZM, and EPA; website posting and hardcopy distribution of homeowner education materials on lawn & garden care, household waste, and septic system best management practices; acquisition of the Bailey Lane Conservation Area, a 22-acre parcel of mixed forest and wetland that will be preserved in perpetuity by the Georgetown Conservation Commission for conservation and passive recreation; and partnership in the new *Greenscapes North Shore* initiative, a multi-organizational/multi-community public campaign to educate homeowners about stormwater runoff and NPS pollution reduction through the use of vegetated swales, rain gardens,

rain barrels, and other landscape enhancement practices. As part of this effort, the Georgetown Highway Department's Stormwater Management Program, assisted by MVPC and the Eight Towns & The Bay organization, funded the production and direct mailing of over 3,000 "2007 Greenscape Reference Guides" to all residential households in the Town of Georgetown.

During **Permit Year 5**, important milestones included the contracted inspection and maintenance of municipal catch basins; removal of sediment and debris from clogged storm drain outlets; website posting and hardcopy distribution of educational materials on residential best management practices, including but not limited to: proper lawn & garden care, household hazardous waste reduction and disposal, septic system maintenance, and impervious surfaces minimization; installation of permanent metallic storm drain markers ("*No Dumping – Drains To River/Pond*") at selected high risk storm drain inlets in densely-developed Rock Pond and Pentucket Pond neighborhoods and Downtown area; inventorying and mapping of remaining municipal stormwater facilities (catch basins, drain manholes, outfall pipes) in Georgetown's "urbanized area"; development and presentation of Highway Department training manual on municipal pollution prevention & good housekeeping practices; issuance of Conservation Commission "Orders of Conditions" to ensure strict developer compliance with Georgetown's local wetlands protection bylaw and regulations; enforcement of Planning Board subdivision rules and regulations regarding construction and post-construction runoff and erosion control; acquisition and permanent preservation of a 7.8–acre open space parcel (Map 9A/Lot8F) adjoining Camp Denison Conservation Area; continued partnership in the *Greenscapes North Shore Program,*a multi-organizational, multi-community public campaign to educate property owners about stormwater runoff and NPS pollution control using practical, low-cost BMPs, such as vegetated swales, rain gardens, rain barrels, permeable pavement, and other landscaping techniques. As part of this effort, the Georgetown Highway Department's Stormwater Management Program, assisted by MVPC and the Eight Towns & The Bay organization, again funded the production and distribution of over 3,000 "*2008 Greenscape Reference Guides*" to all residential households in Georgetown. The *Greenscape Guides* are scheduled to be mailed in May 2008.

A summary of Georgetown's **Permit Year 5** activities and accomplishments for each of the following six minimum control measures is presented in Part III of this Annual report:

- Public education and outreach
- Public involvement and participation
- Illicit discharge detection and elimination
- Construction site storm water runoff control
- Post-construction storm water management in new development and redevelopment
- Pollution prevention and good housekeeping in municipal operations

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)	Progress on Goal(s) – Permit Year 5
1.1	Storm Water Workshops	Highway Dept./ Peter Durkee & MVPC/Alan Macintosh	Local mailing list and labels, press release, workshop participation	Georgetown personnel and MVPC environmental staff, serving as storm water consultants to the town, participated in several public forums sponsored by MVPC, CZM, EPA, and the Great Marsh Coalition to educate local public officials and staff about storm water runoff and municipal best management practices (BMPs), as well as low impact development techniques.	Assisted by MVPC, town personnel to participate in storm water education and training forums to remain informed on relevant Phase II issues and opportunities.
Revised					
1.2	Storm Water Management Website	Highway Dept./ Peter Durkee & MVPC/Alan Macintosh	User-friendly website with down-loadable educational fact sheets on residential BMPs	The Georgetown Highway Department, assisted by MVPC and Virtual Town Hall, Inc., maintained a user-friendly website containing a series of down-loadable residential BMP fact sheets (customized to Georgetown residents) on impervious surface area reduction, low impact development (LID) techniques, and fertilizer, yard waste, pet waste, HHW, used motor oil, and septic system management.	The Highway Dept. maintained and enhanced the local storm water management website with additional down-loadable public education fact sheets and brochures on stormwater best management practices.
Revised					
1.3	Septic System Management	Health Board/ Deborah Rogers & MVPC/Alan Macintosh, Jerrard Whitten	Septic system maintenance flyer for public dissemination	The Georgetown Board of Health, assisted by MVPC, distributed additional copies of a septic system maintenance brochure (customized to Georgetown residents) detailing the "Do's" and "Don'ts" for keeping septic systems in good working order to protect public health and the environment. The Board of Health continued to implement a Microsoft *Access*-based septic information management system, designed by MVPC and linked to GIS, that increases the capacity and efficiency of local health personnel to record, retrieve, query, analyze, and update key local septic system data.	The Board of Health continued to distribute septic system maintenance brochures to licensed septic contractors and septic system owners. Also, health board personnel continued inputting on-site system file records into the Board's digital database to expedite and enhance Title 5 compliance.
Revised			Digital Title 5 data management system for improved records management and enforcement		
1.4	Household Hazardous Waste (HHW) Management	Health Board/ Deborah Rogers	Press notice and article, HHW collection event, safe recycling/disposal of residential HHW	The Georgetown Board of Health contracted with Clean Harbors, Inc., to hold a Household Hazardous Waste Collection Day on November 3, 2006. Open to all town residents as well as neighboring communities (by fee), the event resulted in the safe removal of a wide array of hazardous household products, including chemical wastes and used computer and TV monitors.	The Board of Health once again sought funds to sponsor a town-wide HHW collection event in November 2007. Unfortunately, the Board's funding request was not approved by Town Meeting. Funds will be pursued again in 2008.
Revised					

1.5	Storm Drain Stenciling or Marking	Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	Educate school students and residents about storm water runoff pollution and BMP's; storm drain stenciling/marking; photo news story	With advice and assistance from MVPC, the Highway Dept. developed a strategy and tentative timeline for deploying up to 1,000 metallic markers, purchased from Almetek Industries, Inc., with the messages, "*No Dumping – Drains to River*" and "*No Dumping – Drains to Pond*".	With assistance from MVPC, the Highway Dept. began installing permanent metallic storm drain markers at prominent locations in densely-developed commercial and residential neighborhoods, with a focus on the Town Center and neighborhoods surrounding Rock and Pentucket Ponds. Additional markers will be installed during the coming year and beyond.
Revised	Due to manpower limitations, deferred installation of markers to 2007				

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)	Progress on Goal(s) – Permit Year 5
2.1	Inter-departmental Storm Water Mgmt. Committee	Highway Dept./ Peter Durkee, Board of Selectmen/ Stephen Delaney, MVPC/Alan Macintosh	Appoint committee to assist Highway Dept. with development & implementation of municipal Storm Water Management Program (SWMP)	The Highway Surveyor, Town Administrator, Town Planner, Health Agent, other town personnel, and MVPC environmental staff continued to confer on the development and implementation of the town's Storm Water Management Program and other Phase II-related matters.	Members of the Highway Dept. and SWMP Committee continued to meet and converse with MVPC environmental planners and other interested parties to solicit input, chart progress, and facilitate implementation of SWMP actions.
Revised					
2.2	Municipal Board Meetings	Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	Meet with appropriate town boards and staff for input on municipal SWMP development.	The Highway Surveyor, assisted by MVPC, met and consulted with various town board members and staff (Selectmen, Planning, Health, Conservation) for information and advice on the continued development and implementation of the SWMP.	See BMP #2.1 above
Revised					
2.3	Storm Water Mgmt. Website	Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	See BMP #1.2	See BMP #1.2	See BMP #1.2
Revised					

2.4	"Traveling" Storm Water Kiosk	Highway Dept./ Peter Durkee MVPC/Alan Macintosh	Traveling storm water exhibit placed in prominent public places: town hall, library, public schools	The Georgetown Highway Dept., assisted by MVPC and Eight Towns & The Bay (8T&B), collected and developed additional storm water pollution and BMP education materials as handouts and for display on a kiosk to be rotated among prominent public facilities in Georgetown. During Permit Year 4, additional materials were prepared, including color graphics on household bioretention areas (rain gardens), permeable pavement, and other low impact development (LID) practices.	MVPC assisted the Highway Dept. in assembling an educational display for presentation on rotating basis in key public places. MVPC also compiled a companion "how-to" brochure on residential rain gardens and Low Impact Development (LID) techniques.
Revised	Due to new partnership and focus on "*Greenscapes North Shore*" campaign, kiosk purchase and display deferred to 2007				

3. Illicit Discharge Detection and Elimination

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)	Progress on Goal(s) – Permit Year 5
3.1	Locate/Map Storm Drain Outfalls	Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	Create GIS (Arcview) inventory and map of municipal storm drain outfalls	The Highway Dept., assisted by MVPC environmental and GIS staff, conducted additional field investigations and completed additional facilities mapping (via GPS). An estimated 95% of Georgetown's Urbanized Area (UA) outfalls have been inventoried and mapped.	Assisted by MVPC, the Highway Dept. completed a GIS-based inventory & map of the town's remaining urbanized area and outfall pipes.
Revised					
3.2	Locate/Map Storm Drain Catch Basins & Manholes	Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	Create GIS (Arcview) inventory and map of municipal catch basins and drain manholes	The Highway Dept., assisted by MVPC, conducted additional field investigations and completed additional maping (via GPS). An estimated 95% of Georgetown's UA catch basins and drain manholes have been inventoried and mapped.	Assisted by MVPC, the Highway Dept. completed a GIS-based inventory & map of the town's remaining urbanized area catch basins and drain manholes.
Revised					
3.3	Develop, Adopt, and Implement Illicit Discharge Bylaw/Regulation	Board of Health/Deb Rogers, Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	Press release, public hearing, town bylaw/regulation adoption	In March 2005, the Board of Health adopted an Illicit Discharge Detection and Elimination (IDDE) regulation ("Regulation Prohibiting Illicit Connections and Discharges to the Municipal Separate Storm Sewer System".) The regulation is administered by the Board of Health with MS4 field information and support provided by the Georgetown Highway Department.	With information from the town's catch basin maintenance contractor and the Highway Dept., the town began implementing the Board of Health's IDDE regulation.
Revised					

3.4	Track Illicit Connections	Highway Dept./ Peter Durkee, Health Dept./Deb Rogers, MVPC/Alan Macintosh	Develop inspection protocol; train inspectors; detect & document dry weather flows, flow sources, illicit pipe connections	The Highway Dept., assisted by MVPC, continued development of an illicit connections inspection protocol and inspector training. Following up on a limited pilot outfall inspection program initiated by MVPC in 2004, MVPC conducted additional field investigations for potential dry weather flows (3 days or more without rain). [Note: To date, no dry weather flows have been observed.]	MVPC provided the Highway Dept. with a written handbook and startup training on the identification of potential MS4 illicit connections and discharges. In addition, MVPC performed dry weather flow investigations at selected "high impact" areas around the periphery of Rock and Pentucket Ponds. Additional dry weather investigations will be pursued to complete the entire Urbanized Area drainage network.
Revised					
3.5	Remove Illicit Connections	Health Dept./ Deb Rogers	Elimination of non-municipal non-stormwater discharges to the MS4	No action.	Enforcement actions, if needed, will commence in Permit Years 5 based on results of field investigations to be conducted jointly by the Highway Dept. and MVPC, with findings to be reported to the Board of Health.
Revised					

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)	Progress on Goal(s) – Permit Year 5
4.1	Construction Site Runoff Control Bylaw/Regulation	Planning Board/Sara Buck, Highway Dept./ Peter Durkee, MVPC/Alan Macintosh	Public notice, public hearing, town adoption and implementation of construction site runoff control bylaw/regulation	The Subdivision Regulations of the Code of Georgetown require construction site sediment and runoff control measures that are aimed at maximizing on-site storm water retention and minimizing soil erosion and sedimentation. Additional sediment controls are required under the Erosion Control Bylaw (Chapter 57).	The Planning Board, Conservation Commission, and code enforcement officer continued to regulate and monitor construction site sediment and runoff through implementation of the town's Subdivision Regulations and Erosion Control Bylaw.
Revised					
4.2	Slope Development Regulation	Planning Board/Sara Buck, Highway Dept./Peter Durkee, MVPC/Alan Macintosh	Public notice, public hearing, Planning Board adoption of slope development regulation as part of Subdivision Rules and Regulations	Assisted by MVPC, the town prepared and revised a draft slope development regulation aimed at maximizing the retention of steep hillslopes in an undisturbed state and minimizing water quality impacts due to slope grading. Further review of this regulation is required before its adoption.	Planning Board action is still pending on the proposed steep slope development regulation.
Revised	Planning Board action on draft steep slope regulation deferred to 2007.				

4.3	Open Space Residential Development Bylaw	Planning Board/Sara Buck, MassAudubon/Kathy Leahy, MVPC/Alan Macintosh	Public notice, public hearing, town adoption of open space residential development (OSRD) bylaw	Assisted by Mass Audubon and MVPC, the town adopted an OSRD bylaw in 2004, patterned after the "Green Neighborhoods" model bylaw. The bylaw is aimed at maximizing prime open space retention (50% of lot area) and minimizing impervious surface cover/runoff through the use of creative "clustering" techniques. In 2006, the Planning Board continued to promote OSRD as the preferred development option as site conditions warrant.	Where deemed appropriate, the Planning Board and Conservation Commission continued to encourage the use of Open Space Residential Development (OSRD) as the preferred development option over conventional subdivision development.
Revised					
4.4	Subdivision/Site Plan Review	Planning Board/Sara Buck	Ongoing administration of subdivision & site plan review process	The Planning Board continued to perform subdivision & site plan reviews in consultation with other town boards and departments in order to ensure project compliance with applicable development regulations and standards.	Ongoing
Revised					
4.5	Local Wetlands Regulation	Conservation Commission/Steven Przyjemski	Ongoing administration of local wetlands protection regulations, including issuance of Orders of Conditions to minimize/mitigate storm water impacts on sensitive wetland resource areas	The Conservation Commission continued to aggressively administer the municipal wetlands bylaw and regulations in order to protect the town's wetland and water resources from adverse development impacts.	Ongoing
Revised	Open Space Preservation		Acquisition and preservation of key watershed parcels	No action	The Conservation Commission acquired a 7.8-acre open space parcel adjoining the Camp Denison Conservation Area.

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)	**Progress on Goal(s) – Permit Year 5**
5.1	Post-construction Runoff Control Regulation	Planning Board/Sara Buck, Highway Dept/ Peter Durkee, MVPC/Alan Macintosh	Public notice, public hearing, Planning Board adoption and implementation of post-construction runoff control regulation.	Assisted by MVPC, the town revised a draft post-construction runoff control regulation aimed at establishing & instituting enhanced storm water management standards from new and redeveloped sites into the municipal storm drainage system. Further work is needed on this regulation before Planning Board action is taken.	Further action on the adoption of a comprehensive stormwater management regulation is pending based on changes to the Massachusetts Stormwater Policy.
Revised	Planning Board action on draft regulation deferred to 2007				

5.2	BMP Operation & Maintenance Procedures	Highway Dept/Peter Durkee, MVPC/Alan Macintosh	Written procedures & personnel training manual to ensure long term operation & maintenance of storm water BMPs.	No action	MVPC provided the Highway Dept. with a handbook on operation and maintenance procedures for the municipal storm drainage system.
Revised	Procedures/training manual deferred to 2007/2008				
5.3	BMP Evaluation Procedures	Highway Dept/ Peter Durkee, MVPC/Alan Macintosh	Written procedures & personnel training manual to evaluate and refine BMPs for purposes of ensuring long term storm water BMP effectiveness in minimizing water quality and habitat impacts.	No action	See BMP #5.2 above
Revised	Procedures/training manual deferred to 2007/2008				

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)	**Progress on Goal(s) – Permit Year 5**
6.1	Semi-annual Catch Basin Inspections & Cleanings	Highway Dept/ Peter Durkee	Improve quality of storm drain discharges by maximizing catch basin sump capacity and minimizing sediment & debris buildup	The Highway Department conducted spring and fall catch basin inspections and contracted catch basin cleanings as needed in order to maintain the hydraulic and sediment removal efficiencies of the municipal storm drainage system. Problem basins were attended to more frequently as needed.	The Highway Dept., through a contractor, continued to conduct spring and fall catch basin inspections and cleanings as needed.
Revised					
6.2	Annual Outfall Pipe Inspections & Cleanings	Highway Dept/ Peter Durkee	Maintain capacity and operating efficiency of municipal outfalls	The Highway Department inspected the municipal storm drain outfalls and removed accumulated sediment & brush as needed to maintain unobstructed flows and prevent ponding and erosion.	The Highway Dept. continued to conduct annual outfall pipe inspections and cleanings as needed.
Revised					

6.3	Public Works BMP Training	Highway Dept/ Peter Durkee, MVPC/Alan Macintosh	Training session and materials for town highway & municipal maintenance crews, as well as planning, health, and conservation staff.	The Highway Dept and MVPC compiled materials for an instructional workshop for municipal officials to be held in 2007/2008. This workshop will provide information and training on municipal and residential low impact development (LID) techniques and municipal maintenance operations.	MVPC's environmental staff provided instruction to the Highway Dept. on municipal pollution prevention and drainage system maintenance, with emphasis on the impacts of municipal practices on local hydrologic and water quality conditions.
Revised	Workshop deferred to 2007/208				
6.4	Highway Dept. sponsorship of town-wide "Greenscapes" campaign	Highway Dept/ Peter Durkee, MVPC/Alan Macintosh, 8T&B organization/ Peter Phippen	Mailing of 3,000+ copies of "Greenscapes Guide" to Georgetown households in time for spring & summer landscaping/gardening seasons	The Highway Dept., in partnership with the Ipswich River Watershed Assoc., Eight Towns & The Bay, and MVPC, facilitated and funded the production and distribution of over 3,000 copies of the instructional manual "***2007 Greenscapes North Shore Reference Guide***" to all Georgetown households. This new guide offers homeowners a wealth of timely information and advice on environmentally-sound landscaping practices that reduce impervious surface cover, maximize on-site runoff infiltration, and curtail NPS pollution.	Georgetown continued to partner with the Ipswich River Watershed Assoc., 8T&B, and MVPC to hold additional public forums and distribute "Greenscape" reference materials to Georgetown property owners. 3,000 copies of the new and improved "***2008 Greenscapes North Shore Reference Guide***" will be mailed to all Georgetown households in May 2008.
Revised	Replaced stream cleanup event due to wider public audience and broader environmental benefits.				

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) - *NOT APPLICABLE*

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4	Progress on Goal(s) – Permit Year 5
Revised					
Revised					
Revised					
Revised					

Part IV. Summary of Information Collected and Analyzed

During the summer of 2007, the Georgetown Board of Health collected weekly fecal coliform bacteria samples from the water column at Town Beach (American Legion Park) and at Camp Leslie on Pentucket Pond, an 84-acre recreational impoundment of the Parker River, the major waterway flowing through Georgetown. The sample results are presented in the table below. On two occasions in August, the bacteria levels at Town Beach exceeded the state swimming water standard and the Beach was ordered closed by the Board of Health. Suspected pollution sources include stormwater runoff, domestic pet waste, inadequately treated septic effluent, and wildlife (especially geese and ducks).

PENTUCKET POND AREA SAMPLING RESULTS 2007

DATE	FECAL COLIFORM COUNT / 100ml		BOH ACTION
	Town Beach	Camp Leslie	
6/20/2007	12	----	
6/27/2007	34	98	
7/03/2007	6	110	
7/11/2007	12	0	
7/18/2007	8	6	
7/25/2007	0	90	
8/01/2007	194	0	
8/08/2007	1700	6	Town Beach Closed
8/15/2007	270	14	Town Beach Closed
8/22/2007	10	----	

The above fecal coliform bacteria data are intended to serve as a benchmark for evaluating Pentucket Pond water quality in ensuing years.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Watershed Management

BRP WM 08A NPDES Stormwater General Permit Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

F. Example Storm Water Management Program TIME FRAMES

Transmittal Number W 035530

Facility ID (if known)

	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				
BMP ID #	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04	Winter 04-05	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	Next Permit
1.1			X								X	X									X
1.2		X----	----	----X	X----	----	----	----X	X----	----	----	----X	X----	----	----	----X	X----	----	----	----X	X
1.3					X				X----	----	----	----X	X								X
1.4			X				X				X				X						X
1.5					X						X	X	X							X	X
2.1	X----	----	----	----X	X----	----	----	----X	X----	----	----	----X	X----	----	----	----X	X----	----	----	----X	X
2.2	X----	----	----	----X				X				X				X				X	X
2.3				X----	----X				X----	----	----	----X	X----	----	----	----X	X----	----	----	----X	X
2.4				X----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	X	X
3.1	X----	----	----	----X					X----	----	----X		X----	----	----X			X		X	
3.2	X----	----	----	----X					X----	----	----X		X----	----	----X			X			
3.3					X----	----	----	----X										X			X
3.4									X----	----	----	----	----	----	----	----	----	----	X		X
3.5													X----	----	----	----	----	----	----	----X	X
4.1					X----	----	----	----X													X
4.2					X----	----	----	----	----	----	----	----	----X								
4.3	X----	----	----	----X																	
4.4	X----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	X
4.5	X----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	X
5.1					X----	----	----	----	----	----	----	----	----	----	----	----X	X----	----	----	----X	X
5.2									X----	----	----	----	----	----	----	----	----	----	----	----X	
5.3									X----	----	----	----	----	----	----	----	----	----	----	----X	
6.1	X----	----	----X		X----	----	----X		X----	----	----X		X----	----	----X		X----	----	----X		X
6.2	X----	----	----X		X----	----	----X		X----	----	----X		X----	----	----X		X----	----	----X		X
6.3			X				X					X	X		X					X	X
6.4					X----	----	----	----	----	----	----	----	----X		X					X	X
6.5*					X				X				X				X				X

*Annual Progress Report