

Municipality/Organization: Town of Longmeadow

EPA NPDES Permit Number: MA041013

MaDEP Transmittal Number:

**Annual Report Number
& Reporting Period:** No. 8: March 2011-March 2012

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Yem Lip, P.E.

Title: Town Engineer

Telephone #: (413) 567-3400

Email: ylip@longmeadow.org

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: Michael Wrabel

Title: Director of Public Works

Date: 

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Signature:

Printed Name: Michael Wrabel

Title: Director of Public Works

Date:

Part II. Self-Assessment

The Town of Longmeadow performed a review of the Town's progress on the goals for meeting the minimum control measures under the NPDES MS4 Phase II permit. The Town publicizes stormwater related issues and supports and encourages active participation by Town residents in addressing pollution and stormwater concerns. The town complete the maps of stormwater outfalls, and continued to update map of drainage pipes and catch basins, and inspect outfalls, catch basins and drain lines for potential illicit discharges. The Town is reviewing existing regulations, including the Massachusetts Wetlands Protection Act and the recently revised MADEP Stormwater Management Standards, and has enacted bylaws. The Town's efforts to meet the identified measurable goals including ongoing compliance efforts are summarized in Part III Summary of Minimum Control Measures, which follows.

Acronyms Used in Following Pages

Con Com = Conservation Commission

DPW = Department of Public Works

PVPC = Pioneer Valley Planning Commission

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 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
1A	Hazardous Waste Day	Board of Health/DPW	Give residents opportunity to drop off hazardous waste	Hazardous Waste day was held on September 2011.	Hazardous Waste day is scheduled for September 2012.
1B	Pet Waste By-law	Public Works Director	Completed	By-law in place. Public education included posting notice on web page. Distributed pet waste flyers prepared by PVPC.	Public education: to include posting notice on local cable access TV and press release.
1C	Longmeadow Website	Town Engineer	NPDES Information on DPW website	The Department of Public Works has incorporated NPDES information on the town web site	The Department of Public Works will continue to incorporate NPDES information on town web site.
1D	Public Outreach	PVPC	Variety of public outreach activities	Contributed \$2,000 to participate in regional public outreach and education stormwater program. Actively participate in committee programs	Continue to be part of PVPC's regional public outreach and education stormwater program.
1E	Newspaper Press Releases	Town Engineer	Publish stormwater/ water quality info 2x / year	Advertised sale of rain barrels in newspaper and submitted articles on stormwater issues	Publish stormwater/water quality info twice in the year.
1F	Classroom Education	School District/Town Engineer	Incorporate water quality into curriculum	Offered grant as part of regional planning organization for curriculum development. Distribute Curriculum prepared by grant will to schools for use.	Work with School Science Coordinators to incorporate into curriculum.
1G	Public displays/handout	Public Works Director	Post stormwater related educational posters and handouts in Town Hall	Posted stormwater related educational posters and handouts in Town Hall. Distributed "Greenscapes" materials to public. Displayed materials at "Longmeadow Days" Town Fair. Included bill stuffers on lawn care practices	Post stormwater related educational posters and handouts in Town Hall. Greenscapes materials distribution to public. Post materials at Longmeadow Days. Bill stuffers on conservation and "green" topics.
1H	Public Announcements	Town Engineer	Present Public Service Announcement (PSA) on local cable station	Stormwater program PSA aired on the cable channel throughout the year.	Periodic airings of PSAs.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
2A	Stream Cleanup and Monitoring	DPW Director and Town Engineer	Organize concerned residents to walk and clean up stream. Support interested groups by providing tools and disposing of trash bagged by participants.	Had discussions with Con Com to develop ideas and cooperative efforts. Had discussion with DEP and PVPC as their contractor regarding potential use of Longmeadow stream for WQ monitoring. Supported Connecticut River Cleanup activities by picking up and disposing of trash bagged by participants.	Continue to support interested groups by providing tools and disposing of trash bagged by participants. Providing flyers regarding disposal of dog waste.
2B	Adopt a Stream	Public Works Director	Organize concerned citizens to adopt streams. Support interested groups by providing tools and disposing of trash bagged by participants.	Supported Connecticut River Cleanup activities by picking up and disposing of trash bagged by participants.	Continue to support interested groups by providing tools and disposing of trash bagged by participants.
2C	Stormwater Committee	Board of Selectmen	Stormwater Committee formed	Formed stormwater committee with representation from Conservation, Board of Health, Building, Planning and DPW.	Raised issues at select board meeting to promote stormwater utility. Included in annual Engineering Report.
2D	Invasive Species Removal	Public Works Director	Provide appropriate disposal area for removed vegetation	Provided appropriate disposal area for water chestnut vegetation removed by volunteers coordinated by EPA.	Continue to provide appropriate disposal area for removed vegetation to support efforts to eradicate invasive species
2E	Adopt-a-Triangle	Parks Dept.	Support interested groups by providing tools and disposing of trash bagged by participants.	Supported volunteer activities by picking up and disposing of trash bagged by participants.	Support interested groups by providing tools and disposing of trash bagged by participants.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
3A	Sanitary Sewer Maintenance Program	Public Works Assistant Director	Develop plan of cleaning and inspecting sewer mains	Town is inspecting sewer interceptors along brook valleys to identify areas of breakage, erosion, or other physical conditions that may impair the integrity of the pipeline. Video inspected almost over half of the sewer system in 2011.	Continue to inspect sewer interceptors for potential impact to resource areas. Perform \$35,000 of video inspection of sewers in 2012. Repair leaks.
3B	Storm Drain System Map	Engineering Dept/Town Engineer	Develop a storm sewer system map and locate outfalls	All outfalls GPS'd. Bringing data into AutoCAD and GIS program to generate more accurate storm sewer map.	Continue developing the storm sewer map and GIS to organize system data and maintenance efforts. Continued Update GIS Map.
3C	Non-Stormwater By-law	Town Engineer	By-law established	Town approved bylaw at Town meeting. ConCom reviews project for compliance with the MA Stormwater Management Standards under the MA Wetlands Protection Act.	Identify if additional regulations are needed, draft regulations for Town Meeting vote.
3D	Entrance Permit	Public Works Director	Completed	Discussed options for permitting and including language in deeds making owner responsible for discharges.	Continue to work with Town Attorney and Select Board to determine best course of action.
3E	Develop Illicit Discharge Program	Town Engineer	Draft plan.	DPW has approved a by-law to address illicit discharges and connections. DPW assessed outfalls for potential illicit discharges.	Complete illicit discharge program.
3F	Illegal Dumping	Public Works Director	Perform regular patrols/cleanup	DPW performed regular patrols and cleaned up illegal dumped trash.	Continue to perform regular patrols/cleanup.
3G	Assess Outfalls	Engineering	Assess 10% of municipal outfalls per year	DPW inspected 10% of municipal outfalls per year.	Assess 10% of municipal outfalls per year.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
4A	Stormwater Pollution Prevention Plan for Construction	Public Works Director/Town Engineer	Require pollution prevention plan for construction sites	Town approved bylaw at Town meeting. ConCom reviews project for compliance with the MA Stormwater Management Standards under the MA Wetlands Protection Act.	Identify if additional regulations are needed, draft regulations for Town Meeting vote. Develop inspection program for all significant construction projects. Work with Building department to control and contain stormwater.
4B	Construction Runoff By-law	PB/ Con Com/ DPW	by-law.	Town approved bylaw at Town meeting. ConCom reviews project for compliance with the MA Stormwater Management Standards under the MA Wetlands Protection Act.	Identify if additional regulations are needed, draft regulations for Town Meeting vote. Develop inspection program for all significant construction projects. Work with Building department to control and contain stormwater.
4C	Plan Review	PB/ Con Com/ DPW/BOH	Enforcement under by-law	Continued plan review per new bylaw.	Continue plan review per new bylaws. By-law enforcement proposed following enactment.
4D	Inspection / Reporting	DPW/PB/ Con Com	Enforcement under by-law	Continued inspection / reporting under existing regulations.	Continued inspection / reporting under existing regulations. By-law enforcement proposed following enactment.

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)	Additional Planned Activities
5A	Post Construction Runoff By-law	Director DPW	By-law Established	Town approved bylaw at Town Meeting. ConCom reviews project for compliance with the MA Stormwater Management Standards under the MA Wetlands Protection Act.	Identify if additional regulations are needed, draft regulations for Town Meeting vote.
5B	Construction Site Plan Review	PB/ Con Com/ DPW	Enforcement under by-law	Continued plan review per new regulations.	Continue plan review per new regulations. By-law enforcement to be part of plan.
5C	Stormwater System Maintenance Plan	PB/Con Com/ DPW	Enforcement under by-law	No new large projects built. Continued inspection / reporting under new regulations.	Continued inspection / reporting under new regulations. By-law enforcement proposed following enactment.

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 9 (Reliance on non-municipal partners indicated, if any)	Additional Planned Activities
6A	Catch Basin Maintenance	Public Works Asst. Director for Highways	Organize program for cleaning and inspecting catch basins. Clean 400 catch basins annually	Approximately 4200 catch basins cleaned and inspected . Numerous basins repaired. Video inspected suspect drain lines.	Clean approximately 400 catch basins. Repair and replace as necessary.
6B	Street Sweeping	Public Works Assistant Director for Highways	Organize program for sweeping streets	100% of paved town streets were swept in the month of April. Certain commercial area streets were swept two or three times.	Sweep 100% of streets.
6C	Municipal Maintenance Activity Program	DPW Director	Evaluate and draft additional policies	Reviewed existing policies and started to draft new policies	Review existing policies. Formalize in writing and draft new policies as necessary.
6D	Training of all municipal employees	DPW Director and Assistant Director for Highways	Initiate good housekeeping training	In-house training is done for new hires or anyone transferring within DPW. Conducted good housekeeping training for DPW staff in 2011.	Conduct good housekeeping training in April 2012.

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)	Additional Planned Activities
7A	TMDL	Various	Performance of previously identified BMPs.	The BMPs described in the above tasks will also address TMDL issues in the Connecticut River.	The BMPs described in the above tasks will also address TMDL issues in the Connecticut River.

7b. WLA Assessment – N/A

**CONNECTICUT RIVER STORMWATER COMMITTEE
2011 ANNUAL REPORT
JANUARY 1 TO DECEMBER 31, 2011**

The following is a summary of the work of the Connecticut River Stormwater Committee during the 2011 calendar year:

Member Community	Committee Representative and Department
Agawam	Tracey DeMaio, Department of Public Works
Chicopee	Joe Kietner, Waste Water Treatment Division
Easthampton	Stuart Beckley, Planning Department
Granby	Dave Derosiers, Highway Department
Holyoke	Matt Sokop, Department of Public Works
Longmeadow	Chris Reed, Department of Public Works
Ludlow	Jim Goudreau, Department of Public Works
Southwick	Richard Grannells, Department of Public Works
South Hadley	Melissa Labonte, Department of Public Works
Springfield	Kevin Chaffee, Conservation Commission
West Springfield	Jim Lyons, Department of Public Works
Westfield	Charles Darling, Water Resources Department

NPDES MS4 Notice of Intent and Scope of Work for Education and Outreach Measure

The Draft 2010 NPDES MS4 Permit for the Merrimack, Interstate and South Coastal regions was issued October 24, 2010. The Pioneer Valley region is covered under the "Interstate".

A draft scope of work for addressing the 2010 Draft MS4 Permit requirements was developed for review at the January 2011 meeting. In general, businesses and developers will be targeted in years 1, 3 and 5; residential and industrial facilities in years 2 and 4.

There are several new requirements for Education and Outreach in the 2010 draft NPDES MS4 Permit. These requirements are as follows:

- Four target audiences:
Residents, businesses, institutions, and commercial facilities
- Define goals of the outreach program and objectives for behavior change and knowledge/awareness
- Distribute a minimum of two (2) educational messages over the permit term to each audience
- Messages to each audience must be spaced at least a year apart
- Show evidence of focused messages and audiences as well as demonstrate the defined goal of the program has been achieved
- Identify methods to evaluate effectiveness of program (behavior modification and increased awareness)

Given these new requirements a Draft Scope of Work for the Stormwater Committee for the new 5-year permit term was developed. The following approach has been identified to meet permit requirements, and will be revised upon issuance of the final permit:

- Define each of our target audiences more specifically. For example, residents = pet owners and lawn owners; two distinct groups of residents generating different pollutants.
- Define behavior by target audience and pollutant associated with behavior.
- Define message and outreach/delivery methodology
- Determine mode for measuring effectiveness of outreach at: behavior modification, and pollutant load reduction.

Pilot Projects

PVTA Buses

The Think Blue campaign launched new outreach this year on the Pioneer Valley Transit Authority's (PVTA) buses in February 2011. The program included the Think Blue cigarette butt and dog waste PSAs formatted horizontally as billboards on both the outside and inside of the buses. The exterior billboards are 30"x80" full color mounted on the passenger-side of the bus. The interior billboards are 11"x28" full color mounted on the interior of the bus.

The campaign ran February 1 – July 1, 2011 out of the Northampton PVTA garage (Routes R42 Northampton to Williamsburg; R43 Northampton to Amherst; and R48 Northampton to Holyoke) and July 1, 2011 – January 31, 2012 out of the Springfield Garage. The Springfield garage operates 115 buses on 22 Routes in approximately 16 cities and towns and tracking which buses the signs were on is not possible. However, the routes operated out of the Springfield garage are as follows:

G1	Chicopee Center/Chicopee Big Y/Sumner Allen
G2	Belmont/Dwight Road/Carew/East Springfield
G3	King/Westford/Walnut/Springfield Plaza via Liberty
B4	Plainfield Street
G5	Dickinson/Longmeadow/Jewish Home/SBT
B6	Ludlow via Bay
B7	State/Boston Road/Walmart/Eastfield Mall
G8	Orange/Plumtree/SBT
R10	W. Springfield/Westfield State College
P11	Holyoke Community College Express
B12	Stony Brook Express
B13	Maple Street/East Longmeadow
R14	Feeding Hills/Springfield
B15	Eastfield Mall via Worthington/Wilbraham Rd/Parker St
B17	Eastfield Mall via Worthington/Wilbraham Rd/Parker St

G19	Springfield Plaza/Fairview via Chicopee Big Y/Westover
P20	Holyoke/Springfield via Holyoke Mall - Riverdale
P21	Holyoke/Springfield via Chicopee
R22	Holyoke/Chicopee Big Y via Aldenville
B23	Holyoke/Westfield via HCC
R24	Essex/Appleton via Cabot/Sargent/Holyoke Hospital
R25	Holyoke/South Hadley/Granby
R27	Wilbraham/Eastfield Mall/Sixteen Acres

Cost for the campaign is \$6,731 for one year and includes 50 free interior PSAs (and printing costs). Funding for the bus sign pilot was paid for as part of an EPA Targeted Watershed Initiative Grant awarded to PVPC. A portion of the EPA grant is to conduct outreach about stormwater pollution (Task B-1 Stormwater Compact). Given this projects potential to reach a very wide audience across the Pioneer Valley, it was deemed an appropriate use of EPA funds. *Leveraged Funds: \$6,500 EPA Targeted Watershed Initiative*

Municipal Park Organic Landcare Transition Pilot Project

PVPC received a Toxics Use Reduction Institute Grant (TURI) from UMASS Lowell to transition five municipal parks to organic land care programs. This grant is in support of our Greenscapes program and was awarded in September 2011 – June 30, 2012. Municipal parks to be transitioned to an organic program under this project include:

- *School Street Park, Agawam* - Within walking distance of the Connecticut River, School Street Park features 50 acres of land with four multi-purpose athletic fields, a handicap accessible playscape, a basketball court, shuffleboard and bocce ball courts, walking trails, picnic tables, and a historic barn. The park has a high volume of adult and children using the park.
- *Look Park, Northampton* – Look Park offers recreational opportunities for walkers, runners, bikers, etc. One of the focal points of the park is a grass 2,200 person capacity outdoor concert theatre. Earlier this year, through the use of a TURI grant this outdoor theater transitioned to a petrochemical and pesticide free venue.
- *Greenwood Park, Longmeadow* – The Park abuts Greenwood Center which houses the Council on Aging and the Longmeadow Park and Recreation Childcare Center. The Childcare Center uses Greenwood Park daily for its outdoor activities, as does the Council on Aging for certain seasonal events.
- *Town Center Park, Ludlow* – The Town plans to, with the help of this grant, transition a park where the summer community concert series is held pesticide and petrochemical free. The park is located in a highly visible area in the center of Town and the concert series is well attended.
- *Wistariahurst Museum grounds, Holyoke* - In 1959, Wistariahurst was given to the City of Holyoke for cultural and educational purposes. The grounds contain extensive ornamental gardens and an expansive lawn. The Museum is home to the Master Gardener's Association and hosts weekly meetings and multiple plant sales and regional conferences throughout the year.

In addition to the actual land care programs, each park will participate in an extensive public awareness and promotion campaign including display banners, lawn signs, brochures, and promotion at local park events. Additional regional education and outreach programs and events will include:

- Collaborate with Smith College video department to create a “how to video”, and post on partner websites;
- Deliver “how to” workshop at each park for the general public;
- In partnership with Valley Green (regional landscape product distributor), deliver workshop about organic land care to landscape professionals;
- Host a screening of the film: “The Truth About Cats, Dogs and Lawn Chemicals” at park events
- Promote the project through community supported organization networks, and PVPC and Safeground media outlets;
- Collaborate with Smith College GIS lab to create a case study to about pollution from lawn chemicals and the impact to stormwater quality in the region; and,
- Produce radio PSA on how to reduce the impact on stormwater by using organic methods for land care.

Leveraged Funds - \$25,000 TURI Grant

Connecticut River Water Quality Monitoring Project

PVPC has been involved in on-going E. coli monitoring of the CT River for the past three years with various partners. Monitoring in 2008 and 2009 was funded under an EPA Targeted Watershed Initiative Grant. Monitoring in 2010 and Spring 2011 was funded by a MA DEP 604b ARRA grant. For the remainder of the 2011 season, EPA TWI funds were used. The project involves monitoring E. coli bacteria at 8 recreational access sites on the main stem of the Connecticut River from mid-May to mid-October, and locational source tracking for E. coli bacteria on major tributaries. The project has resulted in four years of bacteria data to inform recreational users of whether or not the water is safe for swimming or boating on a weekly basis. Additionally, source tracking activities have identified a failing septic system (Springfield), a broken sewer pipe (Easthampton), illicit sewer connections (Northampton), and suspected agricultural sources (Hadley). Monitoring will continue in 2012. Data can be found at:

<http://www.umass.edu/tei/mwwp/ctrivermonitoring.html>

Leveraged Funds – DEP 604b grant \$51, 246 (2010 and 2011); EPA Targeted Watershed initiative Grant \$52,300 (2008-2011)

Regionalizing Stormwater Services

Again in FY11, PVPC attempted to coordinate a regional bid for stormwater services. Elsewhere in New England and around the country, communities are successfully working cooperatively to solicit equipment, materials and services for a range of highway department services at a cost-savings. The project included outreach about this concept through the Joint Transportation Committee (JTC) in 2011. Unfortunately, this concept has not gained traction and there was relatively no interest in participating in a regional bid through PVPC at this time.

Leveraged funds - DLTA FY11 \$10,500

Community Outreach

Local Mall Postings

In April 2011, eight 22"x28" mounted lightweight poster boards of the cigarette butts PSA were posted at the Hampshire Mall on Russell Street in Hadley and the Holyoke Mall at Ingleside in Holyoke.

Cable Access Stations and Town Websites

PVPC contacted the local cable access stations and town website managers in each of the Committee towns to ensure Think Blue and Greenscapes links were active and video and print PSAs running.

Movie Theaters

The Stormwater Committee once again revisited the idea of running Think Blue PSAs in local movie theaters prior to the movie previews. Price quotes were considerably higher than anticipated at \$8,000 for 13 weeks. This included cinemas in West Springfield, Springfield Plaza and the Eastfield Mall. Because of the high cost and limited network, the Committee decided not to proceed with this outreach media at this time.

Stormwater Training Events

LID Stormwater Training Session

On September 20, 2011 VHB and Horsely Whiten Group presented a ½ day workshop at PVPC on Low Impact Development, better site design, and operation and maintenance of LID BMPs. Workshop topics were selected based on feedback from a questionnaire distributed by PVPC to the 22 MS4s in the region. Funding for the workshop was provided by a DEP Section 319 Grant to VHB and co-hosted by the Connecticut River Stormwater Committee. This was one of sixteen training sessions held statewide. Attendance included 22 municipal officials.

Leveraged Funds - \$5,000 DEP 319 Grant

Mapping Storm Sewers with GPS

EPA Region 1 staff presented a workshop on May 25, 2011 from 9-12am at PVPC about how to map storm sewers with GPS. The workshop was co-hosted by the Connecticut River Stormwater Committee. Approximately 12 local officials attended.

NPDES MS4 Permit and LID Workshop

On June 22, 2011 EPA Region 1 hosted a full-day workshop on the NPDES MS4 permit and LID @ Holyoke Community College. Workshop topics included:

- Overview of the new NPDES MS4 permit requirements – Thelma Murphy, EPA
- Think Blue Public Education Program – Anne Capra, PVPC
- Fundamentals of LID – Martin Pillsbury, MAPC

- Developing LID Bylaws, Incorporating LID Standards into local zoning codes and design standards – Anne Capra, PVPC
- New IDDE and Monitoring Requirements- Newton Tedder, EPA
- Funding Stormwater Programs – Anne Capra, PVPC and Martin Pillsbury, MAPC
- Tools and Methodologies for Tracking and Reducing Impervious Cover – Ray Cody, EPA

Attendance included 55 municipal officials from the Pioneer Valley and statewide. The workshop was co-hosted by the Connecticut River Stormwater Committee.

Training Sessions for Building Inspectors and Engineers

As identified for the FY12 Work Plan developed at the May 10 and July 21, 2011 Stormwater Committee meetings, we would like to develop outreach programming for the new target audiences in the draft permit, specifically those entities designing systems and overseeing their construction and enforcement from a permitting perspective: local building inspectors and engineers. We began outreach to the Western MA Building Inspectors Association to seek their partnership and participation as a host for a workshop about the NPDES MS4 permits and the new LID requirements. A potential agenda is as follows:

- NPDES MS4 Permit overview
- What is LID
- Local and state building/plumbing codes and how they relate to LID systems – codes promote or hinder LID
- Discussion
 - What level of review, oversight, and/or enforcement do you have for stormwater in your community?
 - What issues do you see relative to stormwater in your community relative to your responsibilities as BI?
 - Is there education needed in your community to implement LID systems in your community?

The workshop will offer CE credits for the MA Building Official Certification from the MA Board of Building Regulations and Standards – 1 CE for each hour of instruction – for a 2-3 hour workshop. Workshop would be in March/April 2012 and advertised as part of a series being held by PVPC as part of the HUD Sustainable Knowledge Corridor Green Infrastructure Plan. A second workshop targeting industrial facilities is also being considered. It is anticipated that in conducting outreach to building inspectors, issues and concerns related to stormwater at facilities locally will be identified and programming developed to address them.

Other Outreach Events

Western Mass Master Gardener's Association Annual Conference, April 2, 2011: Organic Lawn Care Workshop - PVPC staff Anne Capra presented a 2 hour workshop about how to transition to an organic lawn care program to reduce fertilizer and pesticide pollution in stormwater runoff. The workshop was attended by 50 area residents.

Assessment of Campaign Effectiveness

A Stormwater Survey was posted on Survey Monkey from April through August, 2011 to assess the effectiveness of the outreach conducted to date. Assessment is a requirement of the 2003 permit. Such an assessment could also be used as a baseline for evaluating outreach performed under the 2012 permit term. The model provided by the state of Maine was utilized, distributing the survey to municipal officials through the chief elected official(s) in each Stormwater Committee member community. Received 230 responses.

General Administration

- FY11 Work Plan and Budget (July 1, 2011 – June 30, 2012)
- NPDES MS4 Notice of Intent and Scope of Work for Education and Outreach Measure - A Draft Work Plan for the 2010/2011 NPDES MS4 Permit has been developed. The work plan targets Businesses, commercial facilities and developers in years 1, 3 and 5 and residents and industrial facilities in years 2 and 4. A final permit is expected to be issued by EPA in 2012. A final permit has been delayed for almost two years.
- Meeting Dates – The Stormwater Committee met five times in 2011, and on two other dates about relevant business:

January 26, 2011

March 14, 2011

May 10, 2011

July 21, 2011

November 10, 2011