

Municipality/Organization: Town of South Hadley

EPA NPDES Permit Number: MAR041020

MaDEP Transmittal Number: W-21004665

**Annual Report Number
& Reporting Period:** No. 7: April 2011-April 2012

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Melissa A. LaBonte

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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: Jim Reidy

Title: DPW Superintendent

Date: 4/25/2012

Part II. Self-Assessment

2010 – For the most part, the Town of South Hadley has implemented the BMP's specified in the Notice of Intent. In some cases this has been a revised version or an additional item submitted in the annual reports. For 2011, the Town continued its membership in the Connecticut River Stormwater Committee (CRSWC) to meet the requirements of minimum control measures one and two, and continued with previously implemented programs. A copy of the annual report for the CRSWC is attached.

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 6	Planned Activities in the future:
1 Revised	Informational Brochures	DPW/ML	Reduce litter and contaminants in system	Continued distributing materials in stock. PSA's posted in the Hampshire and Holyoke Malls beginning April 1, 2011.	Continue to implement through participation in the CRSWC.
2 Revised	Stuffer into sewer bills	DPW /ML	Increased access to information	Notice on back of the October 2011 and April 2012 sewer bills on sump pump and downspout connections.	Will continue to post notices on relevant topics.
3 Revised	Website Development	DPW / ML Cable / TA	Increased access to information	Verify information and links still relevant and working. Work w/ CCTV on getting access to videos from website.	Continue to post relevant information.
4 Revised	Stencil catch basins	DPW / JB	Reduction of illegal discharges	Completed in Year 5.	No Further Action
5	School Curricular / flyers		Increased awareness of requirements	Worked with the High School accelerated Environmental Science class on Storm-water issues for participation in the Enviroproject. Included WWTP tour, provided resource materials, panel discussion with Town personnel.	
Revised	Participation in the Connecticut River SW Committee (CRSWC) in conjunction with PVPC	DPW/ML	Increased awareness of SW issues on a larger regional scale.	Continued participation in the CRSWC for Public Education and Outreach. PVTA bus PSA's completed and ran July 1, 2011 through January 31, 2012.	Continue participation in the CRSWC for Public Education and Outreach.

1a. Additions

21	Lawn & Garden Activities	DPW / VB,	Increased access to information Reduce contaminants in system	CRSWC continued its partnership with Greenscapes, with projects implemented in some member communities.	Continue participation in the CRSWC.
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2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
6 Revised	TV spots and postings	DPW / ML Cable / TA	Increase public awareness and access to information	Air updated materials provided by CRSWC.	Continue participation in the CRSWC.
7 Revised	Public Meetings	DPW / JR BOS /RH of PB	Increase public input and awareness	Completed in Year 5.	No Further Action.
8 Revised	Neighborhood Watch Stormwater Management Incentives Program	DPW / JR DPW / ML / PVPC	Reduction in illicit discharges Reduction in illicit discharges	Grant from EPA Targeted Watersheds Program to be used for free downspout disconnects and rebates on sump pump disconnects or other SW Management options. Program was developed with PVPC. Residential portion completed, and remaining funds allocated to disconnecting the Post Office roof leaders from the sewer system. This project was also completed.	Program complete – No Further Action.

2a. Additions

8A	Stormwater Video	DPW/ML Cable/RS	Increase public awareness and access to information and Reduction in illicit discharges	Video called <u>Every Drop Counts</u> made to show stormwater in the community, effect on the WWTP, and also included segments on the residential and Post Office disconnects. Currently under-going final editing.	Copy to be given to HS Environmental Class as soon as it's ready; video will be shown on CCTV and a link to view video will be posted on the website (WPC Stormwater page)
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3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
9	Storm System Mapping	DPW / JR	Increased detection of illicit discharges	ML/DM of DPW trained on Trimble Terrasyn and Pathfinder programs, and with a few other DPW employees training on using the Trimble Unit in the field.	Initiate GPS mapping of catch basins during annual spring cleaning of the structures.
Revised	Identification of Residential I/I Sources.	DPW /ML Ass. / MC	Same	See section 2, #8.	Continue to identify and eliminate residential sources of I/I.
10	Household Hazardous Waste Collection Depot	DPW / JS	Reduction of nutrient loading in system	Town continued to hold Hazardous Waste Collection days, and continued with the Paint Program, and collection of used oil and antifreeze.	Continue with implemented programs, with the exception of the paint program which has been discontinued.
19	Review/Amend Town By Law on Storm Water Discharges	DPW / JR	Regulatory control of illicit discharges with punitive measures	Completed in Year 5.	No further Action.
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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
11 Revised	Review / Amend Town Bylaws	Planning Board / Richard Harris DPW/JR	Increase awareness and compliance by developers	Completed in Year 5 and approved by Attorney General's Office.	No further Action.
12 Revised	Subdivision Regulation Modifications	Planning Board / Richard Harris & Conservation Commission	Increase awareness and compliance by developers	Completed in Year 5. Effective July 1, 2008.	No further Action.
13 Revised	Regular Site Inspections	DPW / JR.	Increase compliance, enforcement and penalties	No qualifying projects to date.	Will be implemented by the Town Engineer if necessary.
14 Revised	Site Plan Review Modifications	Planning Board / R. Harris & Conservation Commission	Increase awareness and compliance by developers	No qualifying projects to date.	To be implemented by the Planning Board as necessary.
4a. Additions					

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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
9 Revised	System Mapping	DPW / JR, JB	Increase illicit discharge detection	See Section 3, #9.	See Section 3, #9.
13 Revised	Regular Construction Site Inspections	DPW / JR, ML Bldg. Insp./CD	Increase compliance, enforcement & penalties.	See Section 4, #13.	See Section 4, #13.
14 Revised	Site Plan Review Modifications	Planning Board /Richard Harris, ConCom	Increase developer awareness and compliance	See Section 4, #14.	See Section 4, #14.
19 Revised	Develop Town By Law on discharges from all Town Lands	DPW / JR, ML	Regulatory control of illicit discharges with punitive measures	See Section 3, #19.	See Section 3, #19.
20 Revised	Review Planning Board and Zoning Board Regulations	Planning Board / Richard Harris	Increase developer awareness & compliance	See Section 4, # 11 and 12.	See Section 4, # 11 and 12.
Revised					

5a. Additions

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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
15 Revised	DPW Operations Manual	DPW / JR, JB	Increase awareness of personnel	Updated as necessary.	Continue updating as necessary.
16 Revised	Catch Basin Cleaning Program	DPW / JB	Reduction in floatables and deposition into system.	Continued with implemented programs.	Continue with implemented programs.
17 Revised	Street Sweeping Program	DPW / JB	Reduction in deposition into system.	Continued with implemented programs.	Continue with implemented programs.
18 Revised	Monitoring of Commercial Establishments in IPP Program	DPW / ML	Closer compliance & monitoring of industrial/commercial locations.	SW is briefly reviewed with industry personnel during IPP annual inspection.	Continue with implemented program.

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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1 Revised	Brochures for public	DPW / ML	Reduction of litter and contaminants into system	See Section 1, #1.	See Section 1, #1.
10 Revised	Household hazardous waste collection center	DPW / JS	Reduction of nutrients into system	See Section 3, #10.	See Section 3, #10.
16 Revised	Catch basin cleaning program.	DPW / JB	Reduction of floatables and deposition into system.	See Section 6, #16.	See Section 6, #16.
17 Revised	Street sweeping program	DPW / JB	Reduction in deposition into system	See Section 6, #17.	See Section 6, #17.

7a. Additions

7b. WLA Assessment No assessment completed.

Part IV. Summary of Information Collected and Analyzed

There was no analysis of storm water, and any information collected has been from responsible parties working on the BMP's for the past couple of years.

Part V. Program Outputs & Accomplishments (OPTIONAL)

NOT COMPLETED.

Programmatic

Stormwater management position created/staffed	(y/n)	
Annual program budget/expenditures	(\$)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s) All Residents + all of pioneer valley through radio & television spots.	(# or %)	
Stormwater management committee established	(y/n)	
Stream teams established or supported	(# or y/n)	
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	52 weeks / 2 days per week
▪ community participation material collected	(%)	
	(tons or gal)	
School curricula implemented	(y/n)	In Progress

**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