



DEPARTMENT OF
PUBLIC WORKS

Project: Stormwater Management
NPDES PII Small MS4 General Permit
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The NPDES (National Pollutant Discharge Elimination System) Small MS4 General Permit Annual Report Year 7 was submitted to the US Environmental Protection Agency and the Massachusetts Department of Environmental Protection on April 30, 2010. A copy of this report can be viewed on the DPW website.

http://www.billericadpw.org/docs/MS4_ann_rpt_09_10.pdf

The U.S. EPA Phase II stormwater rule requires local governments with municipal storm sewer systems (MS4s) to develop and implement laws that prohibit illicit discharges and control construction-site and post-construction runoff. In 2007, the Town of Billerica formed a working group and advisory group, consisting of a diverse group of residents and Town staff, including the Town Manager, Building Inspector, local environmental groups, and members of the Board of Health, Planning Board, Conservation Commission, and Department of Public Works. These groups met several times to prepare the new Stormwater Management By-Laws. A public informational meeting was held, and at the fall 2007 town meeting, the Town voted to add General By-Law Article # 25 - Stormwater Management By-Law. The Town also voted to add General By-Law Article # 26 - By-Law Governing Discharges to the Municipal Storm Sewer System. Copies of the By-Laws can be viewed on the DPW website.

http://www.billericadpw.org/divisions_engineering_stormwater03.asp

The following are ongoing stormwater management activities in town:

- We continued our affiliation with SuAsCo, a community-based alliance that promotes the sustainable economic and environmental well-being of the Sudbury-Assabet-Concord River Watershed. This year we received their 'Think Green' package. A display and questionnaire was included that was placed in the lobby at the Town Hall for residents to view. The Think Green presentation was placed on the website and aired on Billerica Access TV several times.



- Stormwater information is included in the annual water report and distributed to all town residents and businesses.

- Billerica obtained a DVD copy of ‘After the Storm’ from the EPA and aired it on Billerica Access TV several times.
- Informational handouts regarding Billerica’s compost program and stormwater are available to residents at the Town Hall and at the annual Health & Recreation Fair.
- Billerica has partnered with the Central Massachusetts Mosquito Control Project. Through the efforts of the Central Massachusetts Mosquito Control Project, brush and other accumulated debris was removed from over 2,245’ of streams and 81 culverts in the year 2009.
- A stormwater web page is in place. The web page is continually updated and additional links and information are added. (http://www.billericadpw.org/divisions_engineering_stormwater01.asp)
- We continue to monitor changes in TMDL, critical habitats, and historic sites.
- Through the efforts of the Recreation department, the Town held its annual town-wide “Green-up/Clean-up” event.
- We continued to install drain markers. Some of the school lots were done with the help of volunteers and students. A local volunteer installed additional markers throughout the Town center and various side roads.
- We implemented catch basin cleaning forms to monitor the amount of sediment removed from basins, and began monitoring the amount of sediment removed during street sweeping.
- Pet Waste postcards were given to the Town Clerk and distributed to residents with new dog licenses.



Please Scoop the Poop!

Here's why:

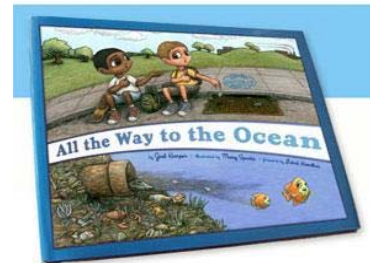
Pet waste can cause environmental and health problems if it isn't disposed of properly.

Stormwater, the runoff water after it rains, may wash pet waste off the ground into ponds, streams or coastal waters, either directly or via storm drains. Pet waste contains germs and nutrients that can be harmful to human health and to our waterways.

- October 8, 2009 -- Billerica participated in World Water Monitoring Day. The Billerica DPW in partnership with Woodard & Curran, sponsored a World Water Monitoring event at Micozzi Beach on Nutting Lake. 45 – 3rd and 4th graders from the Ditson Elementary School tested the water quality at the beach. World Water Monitoring Day™ is an international education and outreach program that builds public awareness and involvement in protecting water resources around the world by engaging citizens to conduct basic monitoring of their local water bodies. To learn more, visit their website at www.WorldWaterMonitoringDay.org.



- The stormwater bulletin board installed at Town Hall is continually updated.
- Copies of the children's book *All the Way to the Ocean* by Joel Harper are on display at the offices of the Board of Health, Conservation Commission, and Engineering as part of the public education & outreach.



- The "By-law Governing Discharges to the Municipal Storm Sewer System" was adopted as Article XXVI in the Town's General By-laws. The Stormwater Management Regulations were adopted at the Board of Health Public Hearing held on April 5, 2010.
- Rain barrels were made available for Billerica residents to purchase in April 2009 and 2010 at a discounted price from The New England Rain Barrel Company. Composters were also made available for Billerica residents to purchase in 2010.