



DEPARTMENT OF
PUBLIC WORKS

Project: Stormwater Management
NPDES PII Small MS4 General Permit
Contact Person: Diana MacLeod, Engineering Division

The NPDES (National Pollutant Discharge Elimination System) Small MS4 General Permit Annual Report Year 6 was submitted to the US Environmental Protection Agency and the Massachusetts Department of Environmental Protection on April 30, 2009. A copy of this report can be viewed on the DPW website.

(http://www.billericadpw.org/docs/MS4_ann_rpt_08_09.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. 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 throughout the year to prepare the new Stormwater Management By-Laws. A public informational meeting was held in September. 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/projects_stormwater_bylaw.asp)

The following are ongoing stormwater management activities in town:

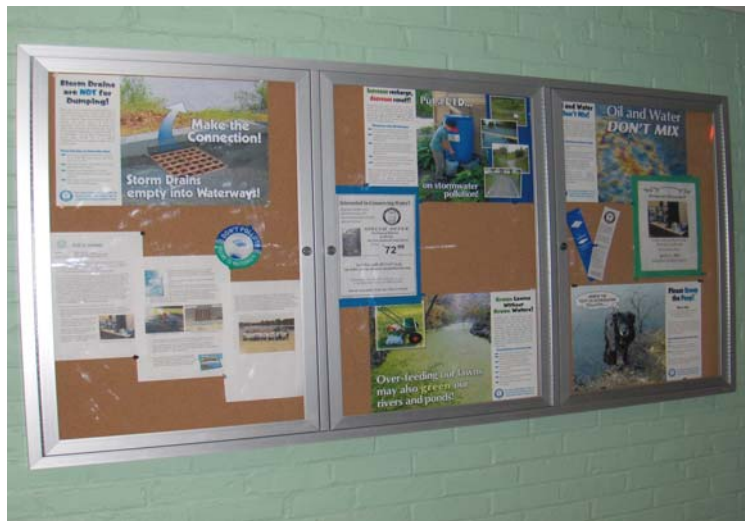
- Billerica has partnered with the Central Massachusetts Mosquito Control Project. Through the efforts of the Central Massachusetts Mosquito Control Project, brush and other accumulated debris was removed from over 3,705' of streams and 45 culverts in the year 2008.



- Informational handouts regarding Billerica's compost program and stormwater are available to residents at the Town Hall and at the annual Health & Recreation Fair.
- Stormwater information is included in the annual water report and distributed to all town residents and businesses.

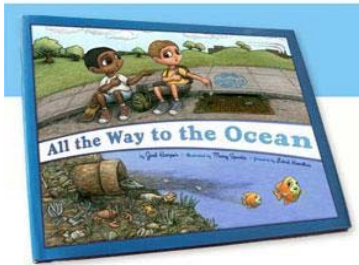
Stormwater Booth at Health & Rec Fair

- A stormwater web page is in place. The web page is continually updated and additional links and information are added.
(http://www.billericadpw.org/projects_stormwater.asp)
- Billerica obtained a DVD copy of ‘Reining in the Storm’ from the North and South Rivers Watershed Association and aired it on Billerica Access TV several times.
- 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 have continued support with SuAsCo, a community-based alliance that promotes the sustainable economic and environmental well-being of the Sudbury-Assabet-Concord River Watershed. Last year we received stormwater posters and postcards and distributed them throughout the local Town offices. We also received a Stormwater Ads presentation and placed it on the website and aired it on Billerica Access TV several times.



- A new stormwater bulletin board was installed at Town Hall.
- 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.





Four copies of the children's book *All the Way to the Ocean* by Joel Harper were purchased and distributed to the Board of Health, Conservation Commission, and Engineering as part of the public education & outreach. The books are available for viewing at these offices.

- A group of volunteers worked with the Organization for the Assabet River (OAR) to clean up portions of the Concord River.
- Partnered with a local resident to participate in EnviroScapes watershed modeling with Middle School students at the Health Fair.



- October 16, 2008 -- 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.

