



DEPARTMENT OF  
**PUBLIC WORKS**

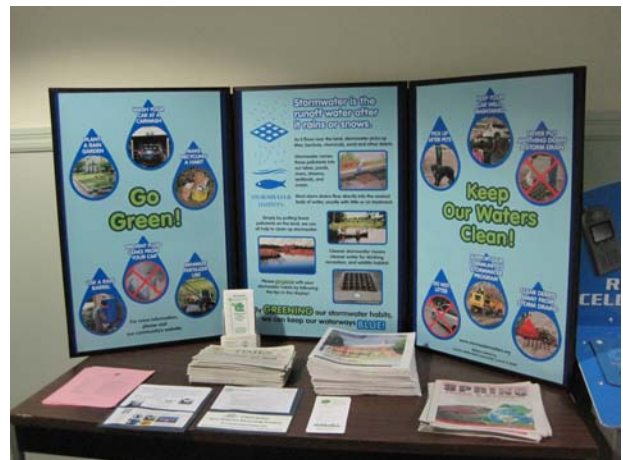
**Project:** Stormwater Management  
NPDES PII Small MS4 General Permit  
**Contact Person:** Heather Chew, Engineering Division

The NPDES (National Pollutant Discharge Elimination System) Small MS4 General Permit Annual Report Year 14 was submitted to the US Environmental Protection Agency and the Massachusetts Department of Environmental Protection on April 28, 2017. A copy of this report is available for viewing at the following link:  
(<http://www.town.billerica.ma.us/DocumentCenter/View/285>)

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 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 at the following link:  
(<http://www.town.billerica.ma.us/246/Stormwater-Bylaws>)

The following are ongoing stormwater management activities in town:

- We continue to display materials provided by SuAsCo, a community-based alliance that promotes the sustainable economic and environmental well-being of the Sudbury-Assabet-Concord River Watershed. A display was placed in the lobby at the Town Hall for residents to view. Several informative links are provided on the DPW website.



- Stormwater information is included in the annual water report and distributed to all town residents and businesses. This can be viewed at the following link:  
(<http://www.town.billerica.ma.us/DocumentCenter/Home/View/6558>)

- Billerica obtained a DVD of a regional public service announcement (PSA) through the Northern Middlesex Stormwater Collaborative and presented it to Billerica Access TV. The PSA has aired several times throughout the year. Links to the two PSAs are provided as follows: (<https://www.youtube.com/watch?v=6vJ2MogJoLo>), (<https://www.youtube.com/watch?v=GshCVwqhk8s>)
- Informational handouts regarding Billerica's programs 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 approximately 9,000 linear feet of streams and 21 culverts during the reporting period.
- A stormwater web page is in place and updated as necessary. (<http://www.town.billerica.ma.us/214/Stormwater-Management>)
- 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 implemented catch basin cleaning forms to monitor the amount of sediment removed from basins, and monitored the amount of sediment removed during street sweeping.
- Stormwater fliers were on display in several locations in Town Hall.



## Please Scoop the Poop!

**Here's why:**

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

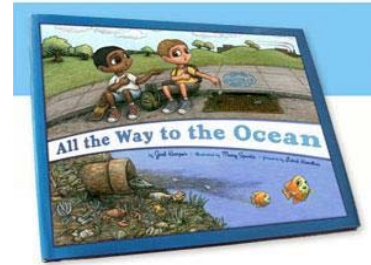
Stormwater, the runoff water after it rains, may wash pet waste off the ground into ponds, streams or coastal waters, either directly or via storm drains. Pet waste contains germs and nutrients that can be harmful to human health and to our waterways.

- Billerica participated in the World Water Monitoring Day in May of 2016. In the past, the Billerica DPW in partnership with Woodard & Curran, sponsored a World Water Monitoring event at Micozzi Beach on Nutting Lake. Approximately 45 students from 2<sup>nd</sup> and 3<sup>rd</sup> grade classes 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](http://www.WorldWaterMonitoringDay.org).



**Ditson School, Billerica, MA 2016**

- The stormwater bulletin board installed at Town Hall is maintained.
- 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 and composters were made available for Billerica residents to purchase in 2016.