Results of a Pilot Stormdrain Mapping Project in Johnston and Smithfield, RI
...and how your municipality can participate

Date:  Tuesday, November 20, 2012

Time:  1:00 – 3:00 pm

Place:  RI Department of Environmental Management
        Conference Room 300
        235 Promenade Street, Providence RI  02908

Description
RI DEM seasonal interns Michael Viola and Michaela Cashman, both recent URI graduates, spent July through September, 2012 working with the towns of Johnston, Smithfield and staff from RIDEM, RIDOT and EPA to create a GIS database of the Johnston stormdrain system within the Woonasquatucket River watershed.

Their results:
- Over 1,000 stormdrain components mapped.
- Preliminary town GIS stormdrain system map created from paper plat maps and drain line sketches.
- Stormdrain components accurately located or verified through field work.
- Illicit discharges red flagged for future investigation.
- Logical inventory of stormdrain system components created using a simple Excel spreadsheet.
- Catchment analysis created identifying land areas and drainage structures contributing to two major stormwater discharges in the impaired Woonasquatucket River watershed area.
- Town staff gained practical experience working with GPS, and were trained in using GIS to take over routine use of the newly created GIS database.
Why you should attend:

- Identify practical, low cost methods to begin mapping and managing your storm sewer system using GIS.
- Learn how your municipality (or other MS4) can participate in a similar local/state partnership.
- Based on the success of this pilot program, DEM hopes to continue this “Municipal Mapping Assistance Program (MMAP)” pending availability of funds.
- There will be ample opportunity for discussion with all project partners.

Agenda

- **Welcome and Introduction**
  - *Eric Beck, Supervising Engineer*
  - *Jennifer Stout, Sanitary Engineer*
  - *RIPDES Permitting Program, RIDEM Office of Water Resources*

- **Results of the Municipal Mapping Assistance Program (MMAP) pilot project in Johnston and Smithfield, RI**
  - *DEM Office of Water Resources Interns:*
  - *Michaela Cashman, (BS Environmental Sciences & Management. URI. 2012)*
  - *Michael Viola, (MS Environmental Science & Management. URI. 2011)*

- **Discussion**
  - Q&A with project partners
  - How your municipality can participate

Cost:  Free, but registration is required.
To Register:  Please contact Jennifer Stout by **Friday, November 16, 2012:**
Email:  jennifer.stout@DEM.RI.GOV or Tel: (401) 222-4700 x7726

For More Information:  Contact any of the project partners:
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