



Engineering Division

TOWN OF ARLINGTON
Department of Public Works
51 Grove Street
Arlington, Massachusetts 02476
Office (781) 316-3320 Fax (781) 316-3281

2014 STORMWATER AWARENESS SERIES

SESSION #12: Restoring the Hydrologic Cycle: Disconnect your downspouts

The Town of Arlington Engineering Division is hosting a Stormwater Awareness Series open to residents of the Town of Arlington and the general public.

The series is designed to educate residents on Stormwater and the impacts on runoff, water quality, flood control and prevention, erosion and other stormwater related impacts within the Town of Arlington. Information will be provided by stormwater professionals for the purpose of increasing awareness of these issues within the Town and to provide information for residents to help understand how the surrounding environment affects, and impacts, the local water resources and what can be done to reduce these impacts.

The next presentation is scheduled to be held on June 10th 7:00 – 8:00 p.m. in the Selectmen’s Hearing Room, Arlington Town Hall, 2nd floor. The session will include a presentation “Restoring the Hydrologic Cycle” and will be followed by a question and answer session related to the presentation session topics.

Session #12:

June 10th, 2014

7:00 p.m. – 8:00pm

Title: Restoring the Hydrologic Cycle

Speakers: Rebecca Balke and Natalie Koncki
Comprehensive Environmental, Inc.



soak up the rain

REBECCA BALKE, P.E.:

Rebecca Balke is a Principal and Senior Engineer at Comprehensive Environmental Inc. (CEI) with over 19 years of engineering experience. She has worked extensively on stormwater and water resources protection projects, and has managed dozens of successful Phase II stormwater programs for New England municipalities. She is a Registered Professional Engineer with a B.S. in Chemical Engineering.

NATALIE KONCKI:

Natalie Koncki is an Environmental Scientist at Comprehensive Environmental Inc. (CEI) with 2 years of environmental consulting experience. She has worked on several stormwater and water resource protection projects, including drainage mapping and pollutant modeling. She has a M.S. in Biology and a B.S. in Environmental Science.

The following is an outline of scheduled presentation:

Restoring Water Quality and the Hydrologic Cycle – How Residents Can Help

I. Stormwater Impacts

- What is stormwater runoff?
- Water cycle pre and post development
- Stormwater problems
- Sources of stormwater pollution

II. How Can we Address Stormwater Problems?

- Mimic natural hydrologic cycle – LID with examples
- Water quality BMPs - examples

III. Spy Pond Example

- Background/water quality issues
- BMPs installed
- Results

IV. How Can Residents Help?

- Calculating residential footprint and impacts
- Disconnection of impervious surfaces
 - Roof leader disconnection
 - Benefits and examples
 - Steps for disconnection
 - Alternatives for re-direction
 - Disconnection of other impervious surfaces
 - Guidance documents and tools to quantify benefits

V. Summary

Future Presentations

The Arlington Engineering Division will continue to plan additional presentations throughout 2014. Please stay tuned for the upcoming presentation. Updated information on these sessions will be sent by email via Town of Arlington Notices and posted online at arlingtonma.gov/engineering.

If you would like to view information from past stormwater presentations please visit the stormwater awareness web page:

http://www.town.arlington.ma.us/Public_Documents/ArlingtonMA_DPW/engineering/stormwater/awareness/index
-or-

To view a video of past sessions and presentations can also be found in the Stormwater section at

<http://vod.acmi.tv/category/government/storm-water-awareness/>

All Sessions:

7:00 – 8:00 p.m.

Selectmen's Hearing Room, 2nd Floor

730 Massachusetts Avenue

Arlington, MA 02476