



DEPARTMENT OF PUBLIC WORKS
TOWN OF ARLINGTON
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Engineering Division

2012 STORMWATER AWARENESS SERIES

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 August 14th 7:00 – 8:00 p.m. in the Selectmen's Hearing Room, Arlington Town Hall, 2nd floor. The session will include a presentation followed by a question and answer session related to the session.

Session 3

Title: Arlington Stormwater and Water Resources

Speaker: Katrina Sukola; Watershed Scientist

Presented by: Mystic River Watershed Association.

Katrina Sukola joined MyRWA in March 2011. She has a background in environmental and aquatic chemistry (B.Sc. University of Waterloo, M.Sc. University of Manitoba). Katrina performed research and field studies in the Experimental Lakes Area in Northern Ontario, marshes in Manitoba, lakes throughout Massachusetts and the EPA's National Coastal Assessment of Massachusetts and Cape Cod Bays. She spent a summer at Mote Marine Laboratory in Florida in the Center for Ecotoxicology's Chemical Fate and Effects Program and the Coastal Ecology Program, researching harmful algal blooms in marine environments and aquatic species such as bivalves. Her training and experience includes investigating water quality and contaminants such as metals and sulfide in both water and sediment, conservation projects such as stream and coastal habitat surveys, invasive plant removal, and wetland construction and restoration to enhance fish habitat. In her spare time, Katrina acts as the vice-chair of the Surfrider Foundation Massachusetts Chapter.

Session Summary: See page 2 for Session Information

SESSION 3 – ARLINGTON STORMWATER AND WATER RESOURCES

Arlington Stormwater:

The discussion is intended to explore stormwater issues as they specifically relate to the Town of Arlington. We will discuss the interesting history of some of the local water bodies, the biology we are trying to protect and the opportunities to improve conditions in the Town. There is much we can do as residents, businesses and a municipality to protect these resources for the next generation. Please join us and share your ideas during a discussion that will cover:

- 1) An Introduction to local water bodies – what are we trying to protect?
- 2) The current conditions and impairments of local water bodies
- 3) A brief recap of stormwater in urban environments
- 4) The scale and design of the Arlington stormwater system
- 5) Specific condition of Arlington stormwater – what do we know?
- 6) What does the new MS4 permit mean for Arlington?
- 7) Looking into the future: How does Arlington become a model for creating a green future?

The Arlington Stormwater Series is planning additional sessions throughout 2012. Future session's topics will include: Sustainable landscaping, composting, soil amendments, rainwater harvesting, rain gardens, rain barrels, edible landscaping, porous pavement, and much more. Below is a complete schedule. Updated information on these sessions will be sent by email via Town of Arlington Notices and posted online at arlingtonma.gov/engineering.

Presentations Dates:	<u>Topic</u>	<u>Speaker</u>
Session 3 - August 14, 2012	Arlington Stormwater	Katrina Sukola
Session 4 – October 9, 2012	Rainwater Harvesting	Dan Ottenheimer Suzanne Gebelein
Session 5 - December 11, 2012	Sustainable Landscaping	Christine Scypinski Michael Murray

All Sessions:

7:00 – 8:00 p.m.

Arlington Town Hall

Selectmen's Hearing Room

730 Massachusetts Avenue

Arlington, MA