



Senator George J. Mitchell Center
for Environmental and Watershed Research



An Invitation to the Southern Maine Source Water Protection and Collaboration Workshop

*Location - Wells National Estuarine Research Reserve,
342 Laudholm Farm Road, Wells, ME 04090
Phone: 207-646-1555
<http://www.wellsreserve.org/map.htm>*

Date - April 15 and 16, 2009

Are you interested in learning more about how to protect your town's drinking water supplies?

The U.S. Environmental Protection Agency (EPA), the Maine Drinking Water Program, the University of Maine George Mitchell Center, and the Wells National Estuarine Research Reserve would like to invite you to discuss local source water protection projects, explore new techniques for water quality monitoring, and learn about funding to support protection of drinking water sources. The workshop is designed to offer an opportunity for local municipal officials and planners, land trust representatives, watershed council members, water system owners and operators, water board members, and other individuals who are interested in solving drinking water resource protection problems collaboratively. This workshop is part of the "Protecting Our Children's Water" project for southern Maine Watershed Councils.

The workshop will include one day of presentations and working sessions at the Wells Reserve and one day of in-the-field training and discussion. The field portion of the program will consist of visits to: the Sanford Airport – headwaters for the Kennebunk-Kennebunkport-Wells (KKW) Water District, source water protection efforts at the Maine Turnpike widening project area, and the KKW water treatment plant.

Featured speakers include water district managers, staff members of the University of Southern Maine Environmental Finance Center, Maine Department of Environmental Protection, the Trust for Public Land, the York Land Trust, EPA New England, the University of Maine, and the Maine Drinking Water Program.

The workshop is **free** and low cost housing is available (on a limited basis). Certified Operator training contact hours are included for Drinking Water Treatment Plant operators. For more information on housing please contact: Cayce Dalton at the Wells Reserve at (207) 646-1980 or email at cayce@wellsnerr.org to specify when you will require overnight accommodation. Because of limited space, these rooms are available on a first come first served basis. Please make your reservation with Cayce if you need a room.

To register for the workshop, please send your name, affiliation, mailing address, phone number, fax number, and email address in an email message, a fax, or a letter, along with your plan to attend only one day (please specify day 1 or day 2) of the workshop or both days to:

Mr. Chi Ho Sham
The Cadmus Group, Inc.
57 Water Street, Watertown, MA 02472
Phone: 617-673-7156 Fax: 617-673-7356
Email: CSham@cadmusgroup.com

There is no registration fee if you register before March 30, 2009. After that date, a \$20 late fee, payable to the Wells Reserve, will be imposed. Please register at your earliest convenience.

**Southern Maine Source Water Protection and Collaborative Workshop
Wells National Estuarine Research Reserve**

April 15 and 16, 2009

Day 1 (8:30 to 5)

8:30 to 8:45 AM – **Welcome, Logistics, Overview of Workshop** (Ted Lavery, EPA New England)

8:45 to 9:15 AM – **Setting Objectives of the Workshop** (facilitated by Chris Feurt, Wells National Estuarine Research Reserve [WNERR] and Chi Ho Sham, The Cadmus Group)

Self Introduction of Workshop Participants and Identification of Issues for the Workshop

9:15 to 10:45 AM – **Water Quality Issues in the Watersheds** (John Peckenham, U. Maine)

Using the *Source Water Protection - Linking surface water quality to the watershed: problems, sources, and solutions* by the University of Maine's Mitchell Center for Environmental & Watershed Research, Maine Water Utilities Association, and the Drinking Water Program of Maine Department of Human Services

10:45 to 11 AM – break

11 to 12 noon – **In-Stream Rules and their Implications on Source Water, with examples from York and**

Kennebunk (facilitated by Andy Tolman, Maine Drinking Water Program)

Review of In-Stream Flow Rules and Implementation: Review sustainability of aquifer and surface water systems. Examine ground water contributions to stream flow in selected watersheds? Look at future water withdrawal needs?

12 noon to 1 PM – lunch

1 to 2:30 PM - **Funding and Finance of Source Water Protection Effort** (Andy Begin of Maine DWSRF, Andy Fisk of Maine CWSRF, representative from Environmental Finance Center)

Uses for Clean Water Act and Safe Drinking Water Act State Revolving Loan Funds for Drinking Water Source Protection; Evaluating Drinking Water Resource Assets

2:30 to 2:45 PM – break

2:45 to 4:00 PM - **Working with Land Trust for Land Protection and Future Low Impact Development Workshop** (Speaker: The Trust for Public Land of Maine and The York Land Trust)

4 to 5 PM – **First Day Workshop Wrap-up, Workshop Evaluation, and Brief Presentations of Topics to be covered during the Road Trip** (facilitated by Chris Feurt, WNERR)

Day 2 (8:30 to 5)

8:30 to 9 AM – **Meeting at a breakfast location** (Cockpit Café near Sanford Airport) [Breakfast is on your own.]

Morning – **Visiting Sanford Airport to learn about their activities in protecting water quality and the ATV impact area.**

With speakers on protection of headwater streams and recharge areas and planning assistance (with focus on planning strategies for headwater/small streams and ground water recharge areas). For example, Sanford has a conservation plan which includes resource protection and open space requirements.

12 noon to 1 PM – Lunch

Afternoon – **Visiting the Maine Turnpike widening project area and the efforts to protect water quality; water treatment plant tour.**

Training in streams monitoring for *E. coli* and *enterococci* using optical brighteners. Additional monitoring includes bacteria, temperature, salinity, dissolved oxygen, and conductivity. (Tim Bridges of EPA New England)

Tour of water treatment plant.

For additional information on the workshop, please contact Chris Feurt or Zack Steele of WNERR at 207-646-1555.