



N.H. Department of Environmental Services

## Virtual Drinking Water Source Protection Conference

Day 1 - Wednesday, May 19, 2021 (9:00 am – 2:30 pm)

Day 2 - Thursday, May 20, 2021 (9:00 am – 3:00 pm)

Conference registration is available at the American Ground Water Trust's registration page: [www.agwt.org](http://www.agwt.org) (click on "Events")

In partnership with the American Ground Water Trust



### 5.0 Technical Credit Hours for NH Water Works Operators

#### DAY 2

May 20, 2021

#### Agenda

#### PUBLIC HEALTH, SOURCE PROTECTION AND PUBLIC EDUCATION

9:00 am – 9:45 am

##### Results from New Hampshire's First Environmental Exposure Surveillance Study

The 2019 NH Tracking and Assessment of Chemical Exposures (TRACE) Study is a statewide public health surveillance study looking at many different metals, pesticides, per- and polyfluoroalkyl substances (PFAS) found in drinking water, and other chemicals such as tobacco smoke and the degree to which they are present in blood, urine and other biological samples provided by NH residents.

**Speakers:**

**Amanda Cosser, Biomonitoring NH Administrator, NH Dept of Health & Human Services**  
**Nicholas Shonka, Environmental Health Data Analyst, NH Dept of Health & Human Services**

9:45 am – 10:30 am

##### Using State and Federal Funds to Conserve Your High-Priority Water Supply Lands

Learn how to find state and federal land conservation funding from the Land and Community Heritage Investment Program (LCHIP), USDA Natural Resources Conservation Service (NRCS), and other programs. The session will discuss how to find "matching funds" necessary to obtain funding through the state's Drinking Water and Groundwater Trust Fund. Details regarding the Tuckaway Farm project in Lee, NH will be shared as an example of how to maximize obtaining state and federal funding to help protect Durham's source of drinking water.

**Speakers:**

**Brian Hotz, VP for Land Conservation, Society for the Protection of New Hampshire Forests**  
**Paula Bellemore, Natural Resource Specialist, Land & Community Heritage Investment Program**

**BREAK 10:30 am – 10:45 am**

**10:45 am – 11:30 am**

**Portsmouth Partners with the Southeast Land Trust to Protect Properties Around the Bellamy Reservoir with Assistance from the Drinking Water and Groundwater Trust Fund**

This session will go through the steps taken to target and acquire two large undeveloped parcels around the Bellamy Reservoir. The city developed a weighted matrix to analyze conservation value and partnered with the Southeast Land Trust to obtain funding from the state Drinking Water and Groundwater Trust Fund. In total, 179 acres of land has been acquired and protected to better protect the Bellamy Reservoir.

**Speakers:**

**Brian F. Goetz, Deputy Director of Public Works, City of Portsmouth**  
**Allan Pratt, Water Resources Manager, Public Works Department, City of Portsmouth**

**11:30 am – 12:15 pm LUNCH BREAK**

**12:15 pm -1:00 pm**

**Hydrology, Wetlands, and Hydraulics of the Monkey Pond Subwatershed:  
An Integrative Approach to Watershed Management and Restoration Planning**

Excessive stormwater loading in New Hampshire's Lake Waukegan has long been a water quality concern. This study sought to better understand the processes of sedimentation and phosphorous loading in the lake. Drawing on results from ecological, hydraulic, and hydrology assessments, this integrative study illustrates the importance of considering hydraulic and wetland function in tandem when assessing potential watershed restoration and enhancement.

**Speakers:**

**Nicholas Sceggell, Project Manager, DuBois & King, Inc.**  
**Grace Glynn, Field Naturalist/Wetland Scientist, Dubois & King, Inc.**  
**Patricia Tarpey, Executive Director, Lake Winnepesaukee Association**

**1:00 pm – 3:00 pm**

**Community Engagement: The Key To Achieving Source Water Protection**

Awareness, information, and education are key elements of communication that are needed to involve citizens and local officials in source water protection. This workshop will discuss effective methods for community engagement and provide examples of successful outreach and communication strategies that help achieve local support. The workshop will focus on protection of drinking water sources used by New Hampshire municipalities, community water systems and private well owners. There will be a 15-minute break in the middle of the workshop.

**Speakers:**

**Andrew Stone, Executive Director, American Ground Water Trust**  
**Matt Howe, Executive Director, Green Mountain Conservation Group**  
**Malin Clyde, Community Volunteer State Specialist, UNH Cooperative Extension**  
**Jon Balanoff, Executive Director, Acton Wakefield Watersheds Alliance**  
**Emily Vulgamore, Sourcewater Specialist, Granite State Rural Water**  
**Mark Dindorf, Executive Director, Saco Headwaters Alliance**  
**Jason Gagnon, Board Member, Saco Headwaters Alliance and Superintendent of the North Conway Water Precinct**