



INFORMATION-EXCHANGE WEBINAR

An American Ground Water Trust program



PFAS SOLUTIONS

GROUNDWATER CONTAMINATION

New England - Thursday, October 29, 2020

MORNING SESSION 8:30am-11:30am EST and AFTERNOON SESSION 12:00pm-3:00pm EST

“110 million Americans have some PFAS in their drinking water”

What about water supply in the New England Region?

This program is a follow-up to the successful PFAS workshop held last year in Westford, MA.

The program has been held as a workshop in Cincinnati, OH, Grand Rapids, MI, Sacramento, Montclair, Fresno and Bakersfield, CA, Pittsburgh, PA, Mount Laurel, NJ, Phoenix, AZ, Albuquerque, NM, Westford, MA and Tallahassee, FL and as a webinar for WA, OR, ID, GA, FL, NJ, MD, DE, AZ, MO and KS.

The American Ground Water Trust (AGWT) is a 501(c)(3) non-profit education organization



CONTINUING EDUCATION

Approved for VT Wastewater Operators – 6 TCHs

Approved for VT Water Operators – 5.5 TCHs

Approved for ME Water Operators – Course #43-2020, 5.5 TCHs

Approved for ME Wastewater Operators – Course Approval #AGWT201029, 5.5 TCHs

Approved for RI Water Operators – 6 CEUs

Approved for MA Wastewater Operators – 6 TCHs

Applications pending approval for CT LEPs, MA LSPs, MA Water Operators and RI Wastewater Operators

Certificate of Attendance available for all attendees upon completion of CE Form



Many states are confronting contamination of groundwater and surface water from so-called emerging contaminants. There are technical, regulatory and legal challenges for communities responding to groundwater contamination. Water providers are faced with an urgent need to deal with concerns about health issues, regulations, property values, remediation options and infrastructure costs. The webinar will provide objective information to facilitate water providers, elected officials, citizens and community leaders with policy, planning and management decisions.



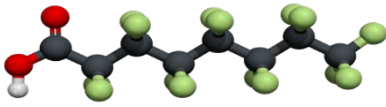
Over 5,000 PFAS (per- and polyfluorinated alkyl substances) occur in the world today and many PFAS compounds transform into highly persistent perfluorinated chemicals in the environment. The compounds are connected to several cancers, liver, kidney and reproductive disorders and other health effects.

Webinar participants will learn about the chemistry background, sampling & testing protocols, treatment technologies, cost recovery options and the characteristics of environmental persistence of contamination. Presenters will provide case studies of technical solutions for treatment and remediation. The program will also discuss regulatory and legal solutions to protecting drinking water integrity from a range of contaminants and will consider ways to find funding to pay for treatment of contaminated groundwater.

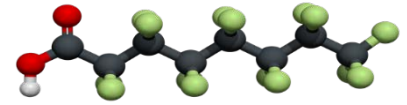
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To become a webinar sponsor, call 800 423 7748 or visit our website for this event at www.agwt.org/events.



Webinar Details



Webinar morning session – 8:30am EST Thursday, October 29, 2020
8:25am - Log-in available – code provided via email to registered participants.

THE DEPTH AND EXTENT OF PFAS IMPACTS ON WATER RESOURCES

Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH

THE COMPLEX CHEMISTRY OF PFAS COMPOUNDS AND THE CHALLENGES OF THEIR ENVIRONMENTAL PERSISTENCE

Elizabeth Denly, PFAS Group Program Director and Quality Assurance & Chemistry Director, TRC Companies, Lowell, MA

CARBON AND RESIN CASE STUDIES FOR REMOVAL OF PFAS AND OTHER CONTAMINANTS FROM GROUNDWATER

Dave Kempisty, Ph.D., P.E., Business Development Manager, Evoqua Water Technologies LLC, Colorado Springs, CO

10-minute break

AIR EMISSIONS/DEPOSITION AS A POTENTIAL PATHWAY TO GROUNDWATER CONTAMINATION

Stephen Zemba, PhD, PE, Project Director, Sanborn Head Associates, Concord, NH

PFAS COMPOUNDS ARE RARELY THE ONLY WATER QUALITY PROBLEM WHEN SELECTING TREATMENT: LABORATORY TESTING PROTOCOLS FOR PFAS ANALYTES AND “OTHER” CHEMICAL CONTAMINANTS

AnnieLu DeWitt, Remediation Technologies, Clean Harbors, South Portland, ME

30-minute break for lunch - Afternoon sessions begins at 12:00pm

USE OF ADVANCED TECHNOLOGIES TO MITIGATE THE IMPACT OF PFAS ON WATER SUPPLIES

Dale Wynkoop, Global Director of Sales & Applications, ECT2, (Emerging Compounds Treatment Technologies), Dublin, OH

PFAS – LESSONS FROM 15+ YEARS OF ISOTOPE-DILUTION PFAS TESTING ON THOUSANDS OF WATER, SOIL AND TISSUE SAMPLES

Tim Fitzpatrick, Business Development Manager-Environmental Services, SGS AXYS Analytical Services Ltd., Snellville, GA

CHAIN PFAS REMOVAL WITH SINGLE-USE SELECTIVE ION EXCHANGE RESIN

Cathy Swanson, Groundwater Remediation Specialist, Purolite Corporation, Fullerton, CA

10-minute break

EXPLORING PFAS TREATMENT SOLUTIONS AND THEIR EFFICACY: COMPARISON OF NOVEL ADSORBENTS, GRANULAR ACTIVATED CARBON, AND ION EXCHANGE RESINS

Matt Geary, Technical Sales Manager, CETCO, FLUORO-SORB, Philadelphia, PA

POLLUTER SHOULD PAY: LITIGATION AS A MEANS TO RECOVER COSTS

Richard Head, JD, Attorney, SL Environmental Law Group PC, San Francisco, CA

End of Webinar – 3:00pm – CE Form Completion





New England PFAS Webinar

Thursday, October 29, 2020

Registration Form



Registration and payment can be made on-line at www.agwt.org/events
Morning session (8:30am to 11:30am EST) and Afternoon session (12:00pm to 3:00pm)

Registration \$100

Continuing Education Units (Check if applying for credit)

**For organizations with more than one attendee, call for group discount prices – (800)-423-7748.
 Please send in separate registrations for each person participating in the webinar.
 Instructions for webinar log-in will be sent on receipt of registration.**

All registrants will be emailed pdf copies of the presenter PowerPoint slides a few days after the webinar.
 These pdf files contain detailed information about the presentation topics and are for the personal use of webinar registrants.

Payment Information:

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*The CEU verification process requires that participants are able to receive e-mails during and after the webinar. For participants requiring CEUs, the e-mail address listed above has to be an e-mail that can receive messages during and after the webinar.

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? QUESTIONS:
 (800) 423-7748
 9:00-4:00pm (Eastern Time)

Register on-line at www.agwt.org/events

AMERICAN GROUND WATER TRUST

The AGWT was formed in 1986 as a non-profit education organization with the mission of promoting interest and awareness in groundwater issues. The AGWT's conference, workshop and webinar programs and educational materials:



- ◆ Communicate the environmental and economic value of groundwater
- ◆ Showcase groundwater science and technology solutions
- ◆ Increase citizen, community and decision-maker awareness
- ◆ Facilitate stakeholder participation in water resource decisions
- ◆ Promote efficient and effective groundwater management