



# INFORMATION-EXCHANGE WEBINAR

An American Ground Water Trust education program

[The webinar platform will be Zoom]



## PFAS 2021 – What’s Happening? What’s Next?

### Tuesday, April 13, 2021 - Focus on New York

There will be Q & A opportunities for participants during the webinar

Since 2018 this program has been held in webinar or workshop format more than 20 times. Events have focused on PFAS problems in AZ CA CO FL GA KS MA MI MO NJ NH NM OH PA & WA

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



#### CONTINUING EDUCATION

Approved for NY Water Operators-ATC #352-9150-19165, 5.50 Contact Hrs./550 CEUs  
Approved for NY Wastewater Treatment Plant Operators – RTC 21265-21, 2.75 Hrs  
Approved for CT LEPs-Course #CTLEP525 W, 5.0 Hours  
Pending approval for NJ LSRPs, NJ Water Operators and NJ Wastewater Operators  
Certificate of Attendance available for all attendees upon completion of CE Form



**“One of the most seminal public health challenges for the next decades.”**

Patrick Breyse, Director of the U.S. Centers for Disease Control’s National Centre for Environmental Health, describing the contamination of drinking water supplies by AFFF firefighting foam.



PFAS contamination issues are fast moving and constantly changing. It seems that the regulations are catching up with the science regarding the complex chemistry of the PFAS suite of compounds and their discovery in every corner of the environment. Water utilities and affected communities have to balance health risks and mitigation costs and pay attention to changes in regulatory thresholds.

**PFAS is not an emerging contaminant, the contaminants have been there a long time – it is our awareness that is emerging!**



Over 9,000 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 challenges of environmental persistence of contamination. Presenters will provide technical solutions for treatment and remediation and will discuss regulatory solutions to protecting drinking water integrity.

This webinar will provide the latest PFAS information to help decision-makers deal with the challenges of health issues, regulations, remediation options and infrastructure costs.



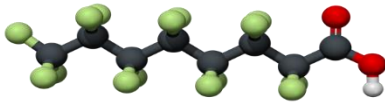
AGWT Events Page



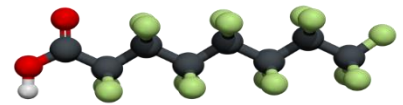
AGWT Facebook

#### Join our Webinar Sponsors:





Log-in code provided via e-mail  
to registered participants



Expected timing of Webinar sessions - 8:30 - 12:00, lunch break, then 12:30 - 2:30 (EST)

There will be Q & A opportunities for participants during the webinar

**THE DEPTH AND EXTENT OF PFAS IMPACTS ON WATER RESOURCES IN THE US**

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

**STATUS OF RESEARCH AND DEVELOPMENT ON RISK ASSESSMENT AND TOXICOLOGY ASPECTS OF PFAS**

Jenny Phillips, DABT, Director Risk Assessment & Toxicology, Vice President, TRC Companies, Fort Collins, CO

**SAMPLING PROTOCOLS AND ANALYTICAL METHODS TO ENSURE DATA INTEGRITY FOR PFAS DETECTION**

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

**COMMERCIAL TREATMENT TECHNOLOGY CONSIDERATIONS WHEN REMOVING PFAS FROM WATER**

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

**PFAS TREATMENT SYSTEM DESIGN WHEN SPACE CONSTRAINTS DRIVE REQUIREMENTS**

Jim Benjamin, Area Manager, Layne Christensen, A Granite Company, Mesa, AZ

**CAPITAL INVESTMENT AND O&M COSTS FOR RESIN-BASED PFAS TREATMENT OPTIONS**

Cathy Swanson, Groundwater Remediation Specialist, Purolite Corporation, Fullerton, CA  
Joe Klimek, Northeast Sales Manager, Purolite Corporation, Bala Cynwyd, PA

**THE BASIS FOR DESIGNING AND ENGINEERING TREATMENT SYSTEMS FOR WATER CONTAMINATED WITH PFAS**

Kelsey Hakes, Business Development Engineer, AqueoUS Vets, Redding, CA

30-minute break

**PFAS DISPOSAL CHALLENGES AND AN ASSESSMENT OF EXISTING & EMERGING TECHNOLOGIES FOR PFAS DESTRUCTION**

Daniel Longbrake, Director of Commercial Business, PFAS & Environmental Restoration, Battelle Memorial Institute, Columbus, OH

**PFAS FORENSICS: EFFECTS OF VARIABLE ANALYTICAL PARAMETER SUITES ON THE IDENTIFICATION OF PFAS SOURCES**

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

**AN ASSESSMENT OF HYDROLOGICAL AND CHEMICAL EXPERT WITNESS TESTIMONY TYPICALLY USED IN PFAS-RELATED LITIGATION**

Anthony Brown, CEO & Principal Hydrologist, Aquilogic, Costa Mesa, CA

**POLLUTER SHOULD PAY: LITIGATION AS A MEANS TO RECOVER COSTS OF REMEDIATION OR NEW SUPPLY SOURCES**

Ken Sansone, Partner, SL Environmental Law Group PC, San Francisco, CA  
Tate Kunkle, JD, LLM, Attorney, Douglas & London, New York, NY

End of Webinar – Complete Required Continuing Education Documents

**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

# New York PFAS Webinar – Tuesday, April 13, 2021

## Registration Form

Registration and payment can be made on-line at [www.agwt.org/events](http://www.agwt.org/events)  
Morning session (8:30 to 12:00), Lunch break 12:00-12:30, Afternoon session (12:30 to 2:30) EST

Registration \$100

PDF of Presentations \$30

Continuing Education (Check box if you are seeking CE credit):

Please send in separate registrations for each person participating in the webinar.  
Instructions for webinar log-in will be sent on receipt of registration.

### Payment Information:

CHECK [payable to: AGWT]  AMEX/VISA/MC/Discover  PO # \_\_\_\_\_

AMOUNT AUTHORIZED \$ \_\_\_\_\_

Name on Card \_\_\_\_\_

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder Email \_\_\_\_\_

Company Name \_\_\_\_\_

Attendee Name \_\_\_\_\_

Attendee Email\* \_\_\_\_\_

\*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.

Position/ Job Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

### REGISTER ONLINE:

[agwt.org/events](http://agwt.org/events)

### MAIL TO:

American Ground Water Trust  
50 Pleasant Street, Suite 2  
Concord, NH 03301-4073

FAX: (603) 228-6557

TEL: (603) 228-5444

### ? QUESTIONS:

(800) 423-7748

9:00-4:00pm (Eastern Time)

Register on-line at [www.agwt.org/events](http://www.agwt.org/events)