



# INFORMATION-EXCHANGE WORKSHOP

An American Ground Water Trust program



## SOLUTIONS TO GROUNDWATER CONTAMINATION

# Southern California PFAS

Thursday, December 2, 2021 – 8:30am – 4:00pm

The Centre at Sycamore Plaza, 5000 Clark Avenue, Lakewood, CA 90712

Since 2018 the American Ground Water Trust has convened many conference, workshop and webinar events focused on PFAS problems. In-person or virtual programs have been offered for the following states AZ CA CO CT DC FL GA IA IL KS MA MD ME MI MN MO NC NJ NH NM OH, OR PA RI SC VT WA WI & WV

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



### Continuing Education

Approved for **CA Drinking Water Operators** – 6.25 Hours



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

Contamination of groundwater and surface water from so-called emerging contaminants is a major challenge for water supply utilities. 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 workshop program will provide up-to-date objective information to facilitate water providers, elected officials, citizens and community leaders with policy, planning and management decisions.



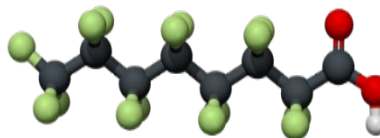
Over 7,000 PFAS (per- and polyfluorinated alkyl substances) occur in the world today and many PFAS compounds transform into highly persistent perfluorinated chemicals in the environment. The compounds are connected to several cancers, liver, kidney and reproductive disorders and other health effects.

Workshop 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.

### Workshop Sponsors:



ROSCOE MOSS COMPANY



7:30 – 8:30 REGISTRATION + Network with exhibitors (Continental Breakfast provided)

8:30 – 9:05

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

[Andrew Stone, Executive Director, American Ground Water Trust, Concord, NH](#)

9:05 – 9:40

HOW PFAS CONTAMINATION IS AFFECTING WATER SUPPLY FOR SOUTHERN CALIFORNIA'S RURAL AND DISADVANTAGED COMMUNITIES

[Maria Elena Kennedy, Consultant, Kennedy Communications, Inc., Rancho Cucamonga, CA](#)

9:40 -10:15

REDUCING “DOWNSTREAM” PFAS TREATMENT OF DRINKING WATER BY TREATMENT AND MANAGEMENT OF PFAS AT “UPSTREAM” SOURCES

[AnnieLu DeWitt, Remediation Technologies, Clean Harbors, South Portland, ME](#)

10:15 – 10:35 BREAK (Snacks provided)

10:35 – 11:10

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

[Cathy Swanson, Groundwater Remediation Specialist, Purolite Corporation, Fullerton, CA](#)

11:10 – 11:55

CONVENTIONAL & NOVEL TOOLS FOR MEASURING PFAS IN DRINKING WATER

[Rick Zimmer, Senior Account Manager, Eurofins Eaton Analytical, LLC, Monrovia, CA](#)

11:55 – 12:30

UPDATE ON OCWD'S ONGOING PILOT PFAS TREATMENT FACILITY

[Meeta Pannu, PhD, Senior Scientist, Orange County Water District, Field Research Laboratory, Anaheim, CA](#)

12:30– 1:30 LUNCH (Buffet provided)

1:30– 2:05

DESIGN OPTIONS FOR PFAS TREATMENT SYSTEMS: EXAMPLES FROM CALIFORNIA INSTALLATIONS

[Kelsey Hakes, Business Development Engineer, AqueoUS Vets, Redding, CA](#)

2:05 – 2:40

SANTA CLARITA VALLEY WATER AGENCY: PROBLEMS AND SOLUTIONS RELATED TO THE OCCURRENCE OF PFAS

[Michael Alvord, Director of Operations & Maintenance Treatment, Distribution, Operations & Maintenance Department, Santa Clarita Valley Water Agency, Santa Clarita, CA](#)

2:40 – 2:50 BREAK

2:50 – 3:25

UPDATE ON PFAS REGULATORY ISSUES AND THE POTENTIAL IMPACTS ON WATER SUPPLIERS OF EXPECTED NEW FEDERAL THRESHOLDS

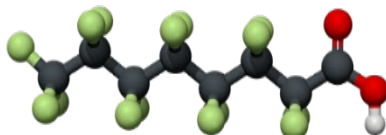
[Jeff O'Keefe, Chief, Southern California Section, State Water Resources Control Board Division of Drinking Water, Glendale, CA](#)

3:25 – 4:00

PFAS CHALLENGES FOR WATER SUPPLIERS: EVOLVING REGULATIONS, UNCLEAR JURISDICTIONAL AUTHORITY, LIMITED BUDGETS AND AN EVER-INCREASING PRICE-TAG

[Nancy Mortvedt, Director of Client Engagement, SL Environmental Law, San Francisco, CA](#)

4:00 Continuing Education sign out and ADJOURN



# REGISTRATION, EXHIBIT & SPONSORSHIP PAYMENT FORM

## PFAS Solutions Workshop, Lakewood, CA - December 2, 2021

**SPONSOR LEVELS:** \$ 2,000  \$ 1,000  \$500

\$1,000 and above sponsors have the option of a complimentary registration or exhibit table.  
Complimentary registration? YES  NO  **Do you plan to exhibit?** YES  NO

<b>EXHIBIT TABLE</b> (Must also choose registration option below)	<b>\$250</b> <input type="checkbox"/>
<b>General Registration</b>	<b>\$225</b> <input type="checkbox"/>
<b>AGWT Corp Member Employee</b>	<b>\$200</b> <input type="checkbox"/>
<b>Full-time Student</b> (ID required)	<b>\$ 80</b> <input type="checkbox"/>
<b>Electronic download of presentations</b> (Attendee Price)	<b>\$ 30</b> <input type="checkbox"/>
<b>General Registration–Well &amp; Pump Workshop</b> (2-day program discount) Registration includes continental breakfast, coffee/tea/snacks, and lunch	<b>\$135</b> <input type="checkbox"/>
<b>TOTAL</b>	<b>\$ _____</b>

**\*DEAL:** If you are also attending the December 1st **“Well & Pump Workshop,”** the registration price is discounted 40% [\$135 instead of \$225]. Details and registration also online at [www.agwt.org/events](http://www.agwt.org/events).

**Please call the AGWT (800) 423-7748 if you have questions, need an invoice, or if you would like to discuss providing financial assistance for this event, such as sponsoring the breakfast or lunch.**

Registrant/Sponsor/Exhibitor Information:

Attendee Name \_\_\_\_\_  
 Organization Name \_\_\_\_\_  
 Attendee E-mail \_\_\_\_\_  
 Position/Job Title \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Payment Information:

CHECK [payable to: American Ground Water Trust]  
 AMEX/VISA/MC/Discover  PO # \_\_\_\_\_  
 Amount Authorized \$ \_\_\_\_\_  
 Name on Card \_\_\_\_\_  
 Card No. \_\_\_\_\_ Expiration Date \_\_\_\_\_  
 Cardholder Email \_\_\_\_\_

**MAIL**  
 American Ground Water Trust  
 50 Pleasant Street, Suite 2  
 Concord, NH 03301-4073  
**FAX:** (603) 228-6557  
**TEL:** (603) 228-5444  
**Email:** [trustinfo@agwt.org](mailto:trustinfo@agwt.org)  
[www.agwt.org/events](http://www.agwt.org/events)

The American Ground Water Trust is a non-profit 501(c)(3) membership organization dedicated to providing accurate information about water resources, groundwater and wells to citizens, communities and decision makers. Contributions are tax deductible to the extent permitted by law.

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