

Featuring Speakers From:

- Aqueous Vets
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- Battelle
- City of Westfield
- Clean Water Action Inc
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- Farella Braun + Martel
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- SL Environmental Law Group
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A Timely New Conference on

PFAS Litigation

Evolving regulations, forensic techniques, theories of liability and lines of defense, evidentiary issues, valuation, and case studies

December 9 & 10, 2019

San Diego, California

Hilton San Diego Gaslamp Quarter

Audio & Video
Replays Available!

Credits: 12.25 CA MCLE | 12.00 ABCEP (call about others)

Quick when/where: 8:30 a.m., 401 K Street

PFAS Litigation Conference

December 9 & 10, 2019 | San Diego, California
Hilton San Diego Gaslamp Quarter

Yes! Please register me:

Name: _____

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If you cannot attend in person, check boxes to order:

- Audio Replay Video Replay Course Materials



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8:00 Registration Opens

8:30 Introduction & Overview

Alexander I. Leff, Esq., Program Co-Chair
SL Environmental Law Group ~ San Francisco, CA

8:45 A Quick Overview of the Chemicals and Terminology

David S. Lipson, Ph.D., P.G., Program Co-Chair
Principal Hydrogeologist
HRS Water Consultants, Inc. ~ Lakewood, CO

9:00 PFAS Litigation from a Historical Perspective

The interplay between PFAS claims and development of regulatory standards over time

Robert A. Bilott, Esq.
Taft Stettinius & Hollister ~ Cincinnati, OH

10:00 PFAS Occurrence and Treatment: Key Observations

Review of PFAS sources and occurrence data in light of evolving regulations; proven and developing treatment technologies; lessons from implementation of water treatment systems including responses to initial detections; residuals management challenges

Avram Frankel, P.E., Principal
Integral Consulting Inc ~ San Francisco, CA

10:45 Break

11:00 PFAS Forensics: How to Identify Sources of Contamination

Step 1: Identifying specific chemical compounds, their persistence characteristics, and health impacts; Step 2: Identifying the origins of contaminants through the use of forensic techniques such as isotope and compositional analysis

Gregory Schnaar, Ph.D., PG, Director of Expert Services
Daniel B Stephens & Associates Inc ~ Silver Spring, MD

12:00 Lunch (on your own)



1:15 Regulatory Standards and Government Initiatives

At the national level: Safe Drinking Water Act and the Third Unregulated Contaminant Monitoring Rule (URCM3); EPA Health Advisories for PFOA and PFOS; Draft Interim Recommendations for Addressing PFOA and PFOS Groundwater Contamination

Jeffrey Rose
Vice President of Government Affairs and Public Policy
Battelle ~ Columbus, OH

California's PFAS Phased Investigation Plan; other California administrative developments including Interim Notification Levels and status of potential MCL; legislative developments, including AB 756 and forthcoming Senate Bill; Prop 65 funding update

Andria Ventura, Toxics Program Manager
Clean Water Action Inc ~ Oakland, CA

2:30 Drinking Water Treatment Options

Specific examples of the different types of technologies used to treat PFAS

Robert Crow, Vice President of Business Development
Aqueous Vets ~ Danville, CA

3:00 Break

3:15 Theories of Liability

Options and tips for selecting the one(s) most suited to the site

Richard Head, Esq.
SL Environmental Law Group ~ Concord, NH

Military and other federal operations: Assessing the potential for recovery under the Federal Tort Claims Act

Valerie A. Lee, Esq., President
Environment International Ltd. ~ Seattle, WA

Lessons from Natural Resource Damage cases on dealing with the federal government as a Potentially Responsible Party

A. J. Gravel, Senior Managing Director
FTI Consulting ~ Bethesda, MD

5:00 Continue the Exchange of Ideas: Reception for Faculty and Attendees

Sponsored by Kelley Drye & Warren and Law Seminars International



About the Conference



What previous attendees have said:

“Great Overall”

“Outstanding work by organizers”

“Very useful conference”

“Emerging contaminant presentation was great”

This comprehensive conference is designed for legal and technical water practitioners, land use planners, and other environmental professionals. The focus is on litigation relating to PFAS chemicals, which have been used in many industrial processes and incorporated into a variety of products, including non-stick coatings, fire-fighting foams, and food packaging.

PFAS chemicals do not break down in the environment and have been estimated to be present in the bodies of 98% of the U.S. population. Additionally, there is growing evidence that even low exposure to PFAS is associated with increased risk of adverse human health effects including cancer, thyroid disease, as well as weakened immunity and developmental defects in children.

As a result, cities and states as well as the US EPA have begun to issue guidance and, in some cases maximum contaminant levels (MCLs), for PFAS. The extent of PFAS contamination, the growing awareness of its impact on human health and the environment, and the increasing regulatory activity by federal and state governments make PFAS litigation an essential topic for education and discussion among water professionals and their advisors and advocates.

We hope to see you at the program. It will be an interactive discussion, so please come with your opinions!

~ Program Co-Chairs: Alexander I. Leff, Esq. of SL Environmental Law Group and David S. Lipson, Ph.D., P.G., of HRS Water Consultants, Inc.



8:30 Lines of Defense

Assessing and choosing among the legal options for defending toxic tort, mass tort, and natural resource damages cases

Sarah P. Bell, Esq.
Farella Braun + Martel ~ San Francisco, CA

Strategic and case management tips from the natural resource damages world

Brian Israel, Esq.
Arnold & Porter ~ Washington, DC

Lessons from cases involving waterborne pathogen litigation for dealing with individual and community disease outbreaks

Kevin C. Mayer, Esq.
Crowell & Moring ~ Los Angeles, CA

10:15 Break

10:30 Valuing Damaged Natural Resources

Legal perspective on meeting the burden of proof

William J. Jackson, Esq.
Kelley Drye & Warren ~ Houston, TX

The theoretical context from an economic expert's perspective

Ryan Stifter, Director, Economics & Complex Analytics
Roux Associates ~ Oakland, CA

Special issues for assessing impacts on Tribal fishing rights and cultural resources

Robert E. Unsworth, Principal
Industrial Economics, Incorporated ~ Cambridge, MA

12:15 Lunch (on your own)



1:30 Wrap Up Case Studies

Alexander I. Leff, Esq., Program Co-Chair; Moderator

Cost recovery for drinking water suppliers: Case study of the methodology and response used by the City of Westfield for addressing PFAS in their system

Susan C. Phillips, Esq., City Solicitor
City of Westfield ~ Westfield, MA

Mega cases: Legal perspective on how Minnesota v. 3M (the Scotchgard Case) built on earlier work

Robert A. Bilott, Esq.
Taft Stettinius & Hollister ~ Cincinnati, OH

Technical perspective on the extent to which the Scotchgard case provides guidance on the effective use of scientific evidence

Ryan Stifter, Director, Economics & Complex Analytics
Roux Associates ~ Oakland, CA

3:30 Evaluations & Adjourn

Related Seminars & Replays:

Model Toxics Control Act	October 10, 2019	Seattle
Tribal NRD Assessments	December 16, 2019	Seattle
SEPA-NEPA	January 10, 2020	Seattle
CEQA	September 13, 2019	Los Angeles

See more at www.lawseminars.com



Registration & Other Conference Information

To Register:

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Email us at: registrar@lawseminars.com
Online: www.lawseminars.com
Fax the registration form to us at: 206-567-5058
Mail the registration form on the front page.
Walk-ins are welcome, subject to space availability.
Registration is complete when we receive payment or agree to later payment.

Tuition: Regular tuition for this program is \$995 with a group rate of \$895 each for two or more registrants from the same firm. For government employees, we offer a special rate of \$745. For students, people in their job for less than a year, and public interest NGO's, our rate is \$497.50. All rates include admission to all program sessions, food and beverages at breaks, and course materials. As an added bonus, you'll receive access to audio and video replays at no charge. Make checks payable to Law Seminars International. Financial aid is available to those who qualify. Contact our office for more information.

Substitution & Cancellation: You may substitute another person at any time. We will refund tuition, less a \$50 cancellation fee, if we receive your cancellation by 5:00 p.m. on Tuesday, December 3, 2019. After that time, we will credit your tuition toward attendance at another program or the purchase of an audio or video replay.

Seminar Location: The conference will be held at the Hilton San Diego Gaslamp Quarter at 401 K Street in San Diego, CA 92101.

Continuing Education Credits: Live credits: Law Seminars International is a State Bar of

California approved MCLE provider. This program qualifies for 12.25 California MCLE credits. It also qualifies for 12.00 ABCEP environmental professional credits. Upon request, we will help you apply for CLE credits in other states and other types of credits.

Time Shift Your Content: Audio podcasts and video replays, with course materials, are available for download or on a flash drive at the same price as live attendance. The course materials alone are available for \$100. Replays will be available within five business days after the program or from the date we receive payment.

Faculty: PFAS Litigation Conference



Alexander I. Leff, Program Co-Chair, is the Managing Partner for SL Environmental Law Group. The firm has recovered over a billion dollars in settlements and judgments for its clients.

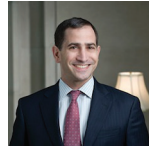
Solutions Practice and heads the Forensic History and Analysis group.



Richard Head is Of Counsel at SL Environmental Law Group. He previously served as Associate Attorney General for the New Hampshire Justice Department.



David S. Lipson, Ph.D., P.G., Program Co-Chair, is Principal Hydrogeologist at HRS Water Consultants, Inc. He specializes in water quality, fate and transport of contaminants, groundwater remediation, and geochemistry.



Brian Israel chairs the Environmental Practice Group at Arnold & Porter and is one of the nation's leading lawyers for Natural Resource Damages (NRD) claims. He is lead counsel to BP in relation to the Deepwater Horizon NRD claim, and was one of the trial attorneys at the Deepwater Horizon Clean Water Act (CWA) penalty trial.



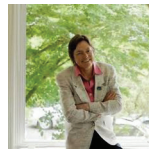
Sarah P. Bell is a partner at Farella Braun + Martel where she focuses on environmental and natural resources litigation. The bulk of her expertise involves cases relating to natural resources.



William J. Jackson is co-chair of the National Environmental Law Practice Group at Kelley Drye & Warren. He was lead counsel for the state of New Jersey in the Passaic River litigation and represented the state of Louisiana in the BP/Deepwater Horizon Oil Spill.



Robert A. Bilott is a partner at Taft Stettinius & Hollister. He brought the very first PFAS environmental exposure case in 1999 and was appointed Class Counsel for the nation's first PFAS class action.



Valerie A. Lee is President of Environment International Ltd. She has worked as both an environmental engineer and attorney on environmental cleanup, natural resource damage assessments (NRDA), and restoration of natural resources.



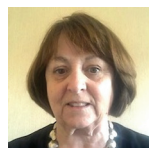
Robert Crow is Vice President of Business Development at Aqueous Vets. His operational experience includes filtration and treatment media applications for municipal and industrial water treatment systems.



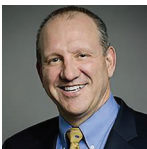
Kevin C. Mayer is a partner at Crowell & Moring where he represents industrial and commercial entities charged with violations of environmental statutes and regulations. He is one of the country's preeminent trial attorneys in the defense of water-borne pathogen litigation.



Avram Frankel is a Principal at Integral Consulting Inc. He has overseen the design, costing, installation, and optimization of groundwater remediation and potable water treatment systems across the U.S.



Susan C. Phillips is the City Solicitor for the City of Westfield, Massachusetts. The City is pioneering a proactive approach to protecting its residents from perfluorinated compounds in drinking water that uses



A. J. Gravel is a Senior Managing Director in FTI Consulting Inc.'s (FTI) Forensic Litigation and Consulting segment. He is the co-practice leader of the Environmental

bench-scale testing to determine the best approach to treatment.



Jeffrey Rose is Vice President of Government Affairs and Public Policy at Battelle. He is responsible for the development and execution of congressional education, outreach, and advocacy strategies.



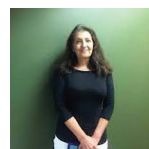
Gregory Schnaar, Ph.D., PG, is Director of Expert Services and Principal Environmental Scientist at Daniel B Stephens & Associates Inc. His practice focuses on applying quantitative hydrologic methods to evaluate contaminant transport and conduct water resources assessments.



Ryan Stifter is Director, Economics & Complex Analytics at Roux Associates. He advises responsible parties (RP) and insurance companies on litigation and settlement of natural resource damage claims.



Robert E. Unsworth is a Principal at Industrial Economics, Incorporated. He focuses on applied natural resource and environmental economics.



Andria Ventura is the Toxics Program Manager for Clean Water Action Inc.

December 9 & 10, 2019
San Diego, California

Hilton San Diego Gaslamp Quarter
 401 K Street
 (619) 231-4040

Who Should Attend:
Attorneys, consultants, agency officials, Tribal leaders, water system operators, and potentially responsible parties

You Will Learn About:

- The interplay between PFAS litigation and development of regulatory standards over time
- Identifying and learning from similar sites
- Review of PFAS sources and occurrence data in light of evolving regulations
- A national look at regulatory standards and government initiatives
- California's PFAS Phased Investigation Plan
- Drinking water treatment options
- Theories of liability
- Recovery under the Federal Tort Claims Act
- Dealing with the federal government as a Potentially Responsible Party
- Lines of defense
- Techniques for valuing damaged natural resources
- Cost recovery for drinking water suppliers
- Legal and scientific proof lessons from the Scotchgard case

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