

# What's Over The Horizon: Contaminants of Emerging Concern

## Webinar Abstract

Contaminants of Emerging Concern (CECs) fall into many classes and encompass an evolving number of chemicals from industrial solvents to pharmaceuticals to endocrine disruptors. CECs may be truly “emerging” chemicals that were previously unregulated, or they may be currently regulated chemicals that have been found to be more toxic or persistent and are subject to new or proposed regulations. Where federal regulations are lacking, varying state regulations require increasing attention to CECs. Two examples of CECs receiving increased regulatory and public scrutiny are 1,4-dioxane and poly- and perfluoroalkyl substances (PFAS). Although its presence has been known for nearly a decade, 1,4-dioxane has recently become a more frequent driver in groundwater cleanups and reopened previously closed sites. PFAS, on the other hand, are only recently emerging as relevant with new information about the toxicology, health effects, persistence and occurrence of this large group of widely used synthetic chemicals being uncovered.

The purpose of this webinar is to describe current legal, scientific, and technical issues concerning CECs with a focus on groundwater remediation.

### **This webinar will:**

- Examine legal issues, such as who may be affected, reopeners, and liabilities associated with CECs that do not have a “regulatory” standard.
- Describe scientific developments regarding human health and environmental effects and advances in detection and monitoring of select CECs
- Discuss key technical aspects regarding challenges in treatment and source identification.
- Provide case studies highlighting the critical legal, scientific, and technical issues in addition to recommendations on risk mitigation opportunities.