Successful PFAS Treatment Approaches – Data Driven Results

PFAS present complex challenges for management due to evolving regulations, high treatment costs, and long-term liability concerns. This presentation will examine current research and innovative strategies designed to minimize economic burden while maximizing available resources. A central focus will be the Separate, Concentrate, Isolate, and Destroy (SCID) approach—an effective framework to reduce both cost and liability. Two SCID-case studies will be highlighted: one for the decontamination of AFFF-impacted piping, vessels, and ARFF trucks, and another for treatment of PFAS-contaminated water. Presentation will show data driven results.

Additionally, the presentation will explore drinking water technologies that can be deployed to prevent further introduction of PFAS into the environment, emphasizing the value of upstream treatment and pre-treatment strategies. With increasing urgency surrounding PFAS management, all viable options must be evaluated to ensure proactive and sustainable solutions.

Diane Ruddle
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Diane Ruddle is a PFAS Leader for Clean Harbors. She brings over 20 years of experience in the environmental industry focusing on waste disposal, remediation, and industrial cleaning. Diane has worked with clientele ranging from petroleum refineries and ammunitions manufacturers to municipalities and dental practices, earning her an extensive understanding of environmental regulations, industrial practices and waste disposal technologies. Now a member of the Clean Harbors PFAS Team she helps to set company policy and increase PFAS awareness through the United States and Canada. Diane holds a BS degree from the University of Wisconsin – River Falls.