

## ENVIRONMENTAL SERVICES

### PFAS Treatment

The family of compounds known as per- and polyfluoroalkyl substances (PFAS) used in consumer and industrial manufacturing are persistent in the environment and are comprised of over 6,000 compounds. The most widely known compounds in this group are perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA). However, the list of compounds of interest is growing quickly as commercially available standards are developed. Clean Harbors is versed in the nomenclature, analysis methods and treatment of these compounds. We guide customers through the process of testing, treatment and final deposition and destruction of their materials and media.

### PFAS Remediation

The concentration and mixture of compounds found in a contaminated stream determine the necessary approach for efficient removal. Clean Harbors provides full-scale, temporary and permanent systems, and piloting trailers that will compare treatment medias on-site, in real-time. In addition, winterized, self-contained systems can be delivered with modular capabilities to supply the treatment train most suited for each application, including pre-treatment if required.

### No Media Restrictions

Clean Harbors is not restricted to using one media. We can evaluate media efficacy with the objective of finding the best solution for each application. In many instances, a combination of treatment is required to achieve the increasingly lower treatment objectives.

### Comprehensive Treatment Plans

Clean Harbors evaluates the analytical data from your site to project and develop the most cost-effective treatment plan. Treatment plans will vary depending upon a number of factors. Our team of experts work with you to gather the information required to make the most informed decision. Whether you are in the analytical investigative stage, or require an immediate system delivery, we have the personnel, equipment and technical proficiency to handle all of your needs.



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### Full-Service Environmental Remediation Resource

Our goal is to provide you with innovative, cost-effective systems that enable you to meet your budget and deadline objectives. Clean Harbors provides comprehensive solutions and services including remediation equipment, remediation and environmental construction, equipment rentals, operations and maintenance, waste disposal and transportation for water, soil and air applications.

### Lifecycle of Project Services Offered

- Sample Collection
- Sample Analysis through Certified Partner Laboratories
- Analytical Data Review
- Treatment Approach Development
- Piloting Trailers
- Temporary and Permanent Equipment including Media
- Operation and Maintenance of Systems
- Change Out Services
- Media Destruction with Certificate of Destruction

### Emergency Response

We respond to emergency situations of all types and sizes. Our experienced, 40-hour OSHA HAZWOPER trained and certified workers manage all aspects of hazardous material and chemical spill cleanup.

For purchase or rental of remediation equipment visit:  
[www.remediationequipment.com](http://www.remediationequipment.com)