SERDP and ESTCP Efforts on PFAS

Workshop Report: Long Term Mgmt of Contaminated Groundwater

Workshop Report: PFAS R&D Needs

Workshop on PFAS: Sampling, Analysis and Treatment

SERDP Research Projects

DOD ▪ EPA ▪ DOE

2011	2014	2015	2016	2017	2018	2019	2020
In Situ Groundwater Remediation	In Situ Groundwater Remediation		Ecotoxicity	Mixed Contamination in Groundwater	Source Zones		Biodegradation
					Investigation Derived Waste		Passive Sampling Methodologies
					In Situ & Ex Situ Groundwater Remediation		Analytical Methods to Assess Leaching and Mobility
					Ecorisk/Assessing Remediation Effectiveness	Ecological Risk Characterization	
				Fluorine-Free Aqueous Film Forming Foam	Fluorine-Free Aqueous Film Forming Foam	Analytical and Environmental Sampling Methods	Forensic Methods for Source Tracking and Allocation
		FAQs Regarding PFAS at DoD Sites	Characterization of the Nature and Extent of PFAS at DoD Sites	Thermally-Enhanced Persulfate Oxidation Followed by P&T	Ion Exchange & Low Energy Electrical Discharge Plasma Process	Mobile Lab-Based Real Time PFAS Analytical Methods	
					Life Cycle Comparison of Ex Situ Treatment Technologies	Sub-Micron Powdered Activated Carbon & Ceramic Membrane Filter System	
						Source Zone Treatment Technology (D-FAS)	
						Demonstration/ Validation of Fluorine - Free AFFF	

ESTCP Demonstration Projects

- Remediation
- Ecotoxicity
- Fate, Transport and Characterization
- Analytical and Sampling Methods
- Fluorine-Free AFFF