

Envirogen Integrated Operations Services

Selected Groundwater Treatment O&M Projects



Site Name	Location	Site Type	Scope	Unit Processes	Primary Contaminants	Flow Rate	O&M Duration
East Coast Energy Utility - Former Manufactured Gas Plant Site	Paterson, NJ	Groundwater Remediation	O&M/Plant Management	Flow Equalization Phase separation DAF FBR Clarification Sand filtration LGAC Discharge to surface water	Coal tar products	110 gpm	14+ years
East Coast Metals Manufacturer	Union, NJ	Groundwater Remediation	O&M Services	Dual Phase Extraction Clarification Air stripping LGAC Discharge to surface water VGAC with on-site regeneration and product recovery	TCE	75 gpm	24+ years
West Coast Munitions Producer	Sacramento, CA	Groundwater Remediation	Comprehensive O&M/Site upgrade recommendations	FBR - 4 systems	Perchlorate	4,000 gpm	6+ years
West Coast Munitions Producer	Mesa, AZ	Groundwater Remediation	Comprehensive O&M	FBR - 2 systems	Perchlorate	800 gpm	5+ years
West Coast Industrial Site	Henderson, NV	Groundwater Remediation	Comprehensive O&M	FBR/DAF/ Filtration/UVD/ Solids	Perchlorate Hex chrome Other	1000 gpm	6+ years
East Coast Tank Washing Superfund Site	Bridgeport, NJ	Superfund, Groundwater	Consulting Services Process Engineering Treatability Studies Design Services SCADA System (DB) Construction Startup Services Long-Term O&M	Chemical Oxidation Metals Precipitation Pressure Filtration Air Stripping LGAC VGAC	VOCs, Metals	230 gpm	8+ years

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East Coast Waste Disposal Superfund Site	Woodland Township, NJ	Superfund In-Situ GW/Soil Remediation	DBO Consulting Long-Term O&M	Air Sparge Soil Vapor Extraction Oxygen Biosparge	Chlorinated VOCs	In-Situ Treatment	15+ years
East Coast Industrial Superfund Site	Millville, NJ	Superfund/ Groundwater Remediation	Comprehensive O&M Services	GWE Wells Chemical Oxidation Flow Equalization Metals Precipitation FBR Pressure Filtration GAC	Methyl methacrylate, Metals	305 gpm	15+ years
East Coast Chemical Industry Superfund Site	Pittstown, NJ	Superfund/ Groundwater Remediation	Comprehensive O&M Services	GWE Wells Chem. Oxidation Flow equalization Ion Exchange Catalytic oxidation	VOCs, Metals	60	15+ years
East Coast Waste Disposal Superfund Site	West Caln, PA	Superfund, Groundwater	DBO	Chemical Oxidation Air Sparge Flow equalization Metals Precipitation Pressure Filtration LGAC, VGAC	VOCs, Metals	50 gpm	17+ years
West Coast Potable Water Utility	Salinas, CA	Groundwater Remediation	Comprehensive O&M Services	Ion Exchange	Nitrate	1000 gpm	14+ years
West Coast Potable Water Utility	Rialto, CA	Groundwater Remediation	O&M Services	FBR- 2 Systems	Perchlorate	2000 gpm	2+ years
West Coast Munitions Producer	Santa Clarita, CA	Groundwater Remediation	Comprehensive O&M Services	FBR- 1 System	Perchlorate	800 gpm	2+ years

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