

Contaminants Treated

Use this guide by locating the contaminant of concern sorted by contaminant type. The technologies recommended for treatment of each contaminant are located to the right.

- ✓ Recommended, lab or field data available demonstrating success ■ Recommended with site specific lab study

	ISCO Klozur® Persulfate	ISCR EHC® Reagent, Daramend® Reagent	ENHANCED ANAEROBIC BIOREMEDIATION EHC® Liquid, ELST™ Microemulsion	METALS TREATMENT MetaFix® Reagent, EHC® Metals, Daramend® Metals	AEROBIC BIOREMEDIATION Terramend® Reagent	PermeOx® Ultra
CHLORINATED SOLVENTS						
Tetrachloroethene (PCE)	✓	✓	✓	✓		
Trichloroethene (TCE)	✓	✓	✓	✓		
Dichloroethene (cis and trans DCE)	✓	✓	✓	✓		
Trichloroethane (TCA)	✓	✓	✓	✓		
Dichloroethane (DCA)	✓	✓	✓	✓		
Carbon tetrachloride	✓	✓	✓	✓		
Chloroethane	✓	✓	✓	✓		
Chloroform	✓	✓	✓	✓		
Chloromethane	✓	✓	✓	✓		
Chlorotoluene	✓	✓	✓	✓		
Methylene chloride	✓	✓	✓	✓		
Vinyl chloride	✓	✓	✓	✓		✓
Dichloropropane	✓	✓	✓	✓		
Dichloropropene	✓	✓	✓	✓		
Hexachlorobutadiene	✓	✓	✓	✓		
Tetrachloroethane	✓	✓	✓	✓		
Trichloropropane	✓	✓	■	✓		
BTEX						
Benzene	✓				✓	✓
Toluene	✓				✓	✓
Ethylbenzene	✓				✓	✓
Xylenes	✓				✓	✓

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PAHs						
Acenaphthene	✓				✓	
Acenaphthylene	✓				✓	
Anthracene	✓				✓	
Benzo(a)anthracene	✓				✓	
Benzo(a)pyrene	✓				✓	
Benzo(b)fluoranthene	✓				✓	
Benzo(ghi)perylene	✓				✓	
Chrysene	✓				✓	
Dibenzo(ah)anthracene	✓				✓	
Fluorene	✓				✓	
Naphthalene	✓				✓	✓
Phenathrene	✓				✓	
Pyrene	✓				✓	
OXYGENATES						
Methyl tert-butyl ether (MTBE)	✓					✓
Tert-butyl alcohol (TBA)	✓					✓
PETROLEUM HYDROCARBONS						
GRO (gasoline range organics)	✓				✓	✓
DRO (diesel range organics)	✓				✓	✓
ORO (oil range organics >C20 alkanes)	✓				✓	
Creosote (coal tar)	✓				✓	
PHENOLS						
Phenol	✓				✓	
4-chloro-3-methyl phenol	✓				✓	
2-chlorophenol	✓		▪		✓	
2,4-dichlorophenol	✓		▪		✓	
2,4-dinitrophenol	✓		▪		✓	
4-nitrophenol	✓		▪		✓	
Pentachlorophenol	✓	✓	▪	✓	✓	

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CHLOROBENZENES						
Chlorobenzene	✓	✓	■	✓	✓	✓
Dichlorobenzene	✓	✓	✓	✓		
Trichlorobenzene	✓	✓	✓	✓		
FLUORINATED COMPOUNDS						
Dichlorodifluoromethane	✓	✓	✓	✓		
Trichlorofluouromethane	✓	✓	✓	✓		
Trichlorotrifluoroethane	✓	✓	✓	✓		
PFCA/PFOA	✓					
PESTICIDES & HERBICIDES						
Chlordane	✓	✓	✓	✓		
Heptachlor Epoxide	✓	✓		✓		
Lindane (hexachlorocyclohexane)	✓	✓	✓	✓	✓	
DDT, DDD, DDE	✓	✓	✓	✓		
Toxaphene	✓	✓	✓	✓		
Dieldrin	✓	✓	✓	✓		
2,4-D	✓	✓	✓	✓	✓	
2,4,5-T	✓	✓	✓	✓	✓	
Endrin	✓	✓	✓	✓		
Kepone	■	✓		✓		
ENERGETICS						
TNT	✓	✓	✓	✓		
DNT	✓	✓	✓	✓		
Nitroglycerine	✓	✓	✓	✓		
HMX	✓	✓	✓	✓		
RDX	✓	✓	✓	✓		
Perchlorate		✓	✓	✓		

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MISCELLANEOUS						
Acetone	✓				■	■
4-methyl-2-pentanone	✓					
1,4-dioxane	✓					
Polychlorinated biphenyls (PCBs)	✓	■		■		
Nitrate		✓	✓	✓	✓	
Bis(2-ethylhexyl)phthalate	✓				✓	
Nitrobenzene	✓					
Propylbenzene	✓				■	■
4-iso-propyltoluene	✓					
Styrene	✓					
Trimethylbenzene	✓				■	■
n-butylbenzene	✓					
Carbon Disulfide (CS ₂)	✓					
Dioxins / Furans	■					
HEAVY METALS						
Antimony				✓		
Arsenic	✓			✓		
Barium				✓		
Cadmium				✓		
Chromium		✓	✓	✓		
Cobalt				✓		
Copper				✓		
Lead				✓		
Mercury				✓		
Nickel				✓		
Selenium				✓		
Vanadium				✓		
Zinc				✓		



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