

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	ISCR	ENHANCED ANAEROBIC BIOREMEDIATION	METALS TREATMENT	AEROBIC BIOREMEDIATION		BIOGEOCHEMICAL
	Klozur® Persulfate	EHC® Reagent, EHC® Plus, Daramend® Reagent	EHC® Liquid, ELS® Microemulsion	MetaFix® Reagents, EHC® Metals, Daramend® Metals	Terramend® Reagent	PermeOx® Ultra	GeoForm™ Reagents
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	✓	✓	✓	✓			▪
Trichlorofluoromethane	✓	✓	✓	✓			▪
Trichlorotrifluoroethane	✓	✓	✓	✓			▪
PFCA/PFOA	✓						
PESTICIDES & HERBICIDES							
Chlordane	✓	✓	✓	✓			▪
Heptachlor Epoxide	✓	✓		✓			▪
Lindane (hexachlorocyclohexane)	✓	✓	✓	✓	✓		▪
DDT, DDD, DDE	✓	✓	✓	✓			▪
Toxaphene	✓	✓	✓	✓			▪
Dieldrin	✓	✓	✓	✓			▪
2,4-D	✓	✓	✓	✓	✓		▪
2,4,5-T	✓	✓	✓	✓	✓		▪
Endrin	✓	✓	✓	✓			▪
Kepona	▪	✓		✓			▪
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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