

# 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

	CHEMICAL OXIDATION KLOZUR® PERSULFATE	CHEMICAL REDUCTION EHC® REAGENT, EHC® PLUS, DARAMEND® REAGENT	ENHANCED ANAEROBIC BIOREMEDIATION EHC® LIQUID, ELS® MICROEMULSION	METALS TREATMENT METAFIX® REAGENTS, EHC® METALS, DARAMEND® METALS	AEROBIC BIOREMEDIATION TERRAMEND® REAGENT	PERMEOX® ULTRA	BIOGEOCHEMICAL GEOFORM® REAGENTS
<b>CHLORINATED SOLVENTS</b>							
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	✓	✓	■	✓			✓
<b>BTEX</b>							
Benzene	✓				✓	✓	
Toluene	✓				✓	✓	
Ethylbenzene	✓				✓	✓	
Xylenes	✓				✓	✓	

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

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

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<b>MISCELLANEOUS</b>							
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 <sub>2</sub> )	✓						
Dioxins / Furans	■						
<b>HEAVY METALS</b>							
Antimony				✓			
Arsenic	✓			✓			■
Barium				✓			
Cadmium				✓			✓
Chromium		✓	✓	✓			✓
Cobalt				✓			✓
Copper				✓			✓
Lead				✓			✓
Mercury				✓			
Nickel				✓			✓
Selenium				✓			■
Vanadium				✓			
Zinc				✓			✓