



G.E.O. Inc.

Range of Recoverable Contaminants			
Applicability Based on Highest and Best Use Efficiency:			
C3 = C3 Technology			
GAC = Granular Activated Carbon			
CONTAMINANT GROUP	Applicable Concentration Ranges		
	1-500 ppmV	200-1,000 ppmV	>500 ppmV
Petroleum Hydrocarbons (Aliphatic and Aromatic Hydrocarbons)			
Fuels (gasoline, diesel, jet, heating)	GAC		C3
Simple Aromatics (BTEX)	GAC		C3
Polyaromatic Hydrocarbons (PAHs)	GAC		C3
4-ethyltoluene	GAC		C3
Naphthylene	GAC		C3
Solvents			
Aldehydes	GAC		C3
Alcohols/Phenols	GAC		C3
Acetone	?	C3	C3
Ketones	GAC		C3
Stoddard Solvent	GAC		C3
Ethers			
MTBE	GAC	C3	C3
1,4-Dioxane	?	C3	C3
Chlorinated Ethenes			
PCE (Perchloroethene)	GAC		C3
TCE (Trichloroethylene)	GAC		C3
DCE (Dichloroethene)	GAC		C3
VC (Vinyl Chloride)	?	C3	C3
Methelene Chloride	?	C3	C3
Chlorinated Ethanes			
TCA (Trichloroethane)	GAC		C3
DCA (Dichloroethane)	GAC		C3
CA (Chloroethane)	?	C3	C3
CT (Carbon Tetrachloride)	GAC	C3	C3
CF (Chloroform)	GAC		C3
DCM (Dichloromethane)	GAC		C3
CM (Chloromethane)	GAC		C3
CFCs (Chlorofluorocarbons; Freon 113)	?	C3	C3
HCFCs (Hydrochlorofluorocarbons)	?	C3	C3
Pesticides	GAC		C3
Chlorobenzenes			
Hexachlorobenzenes	GAC		C3
Pentachlorobenzenes	GAC		C3
Tetrachlorobenzenes	GAC		C3
Trichlorobenzenes	GAC		C3
Dichlorobenzenes	GAC		C3
Pentachlorophenol (PCP)	GAC		C3
Furans	GAC		C3
Dichlorobenzonitrile (DCB)	GAC		C3
Methylbenzenes			
1,3,5 Trimethylbenzene	GAC		C3
1,2,4 Trimethylbenzene	GAC		C3
Nitroaromatics			
Isopropyl Alcohol	GAC		C3
Dyes	GAC		C3