

Table IV  
 Site-Specific Conditions and Geochemical Parameters  
 For Technical Evaluation of Natural Attenuation

Site-Specific Conditions	Geochemical Parameters
Aeration	Ammonia (as Nitrogen)
Bulk Density	BOD
Chemical Properties of the Contaminants	Carbon Dioxide
Contaminant Degradation Products	Carbon Monoxide
Groundwater Flow Rate	Chlorides
Groundwater Geochemistry	COD
Microbial Communities Present	Conductivity
Permeability	Dissolved Ferrous Iron
Physical Properties of the Contaminants	Dissolved Hydrogen
Porosity	Dissolved Methane
Precipitation	Dissolved Oxygen
Soil Organic Carbon	Ferric Iron
Soil Structure and Texture	Hydrogen Sulfide
Temperature	Iron (total and dissolved)
	Manganese (total and dissolved)
	Nitrate
	Nitrite
	Nitrogen
	Sulfide

NOTE: All of the listed site-specific conditions or geochemical parameters may not be applicable to every site for testing. Some parameters may apply only to the unsaturated soil.