

Schedule 1: Groundwater, Leachate and Surface Water Monitoring Parameters

Parameter Group	Column 1	Column 2	Column 3
	Groundwater	Surface Water and Leachate	Enhanced monitoring parameters for select groundwater, Surface Water and Leachate
General Chemistry and Metals	Alkalinity	Alkalinity	
	Aluminum	Aluminum	
	Ammonia	Ammonia	
	Antimony	Antimony	
	Arsenic	Arsenic	
	Barium	Barium	
	Boron	Boron	
	Cadmium	Cadmium	
	Calcium	Calcium	
	Chloride	Chloride	
	Chromium	Chromium	
	Conductivity	Conductivity	
	Copper	Copper	
	Iron	Iron	
	Lead	Lead	
	Magnesium	Magnesium	
	Manganese	Manganese	
	Mercury	Mercury	
	Nickel	Nickel	
	Nitrate	Nitrate	
	Nitrite	Nitrite	
	Total Kjeldahl Nitrogen	Total Kjeldahl Nitrogen	
	pH	pH	
	Hardness	Hardness	
	Total Phosphorus	Total Phosphorus	

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	Groundwater	Surface Water and Leachate	Enhanced monitoring parameters for select groundwater, Surface Water and Leachate
	Potassium	Potassium	
	Sodium	Sodium	
		Suspended Solids	
	Total Dissolved Solids	Total Dissolved Solids	
	Sulphate	Sulphate	
	Uranium	Uranium	
	Vanadium	Vanadium	
	Zinc	Zinc	
Organics		Biochemical Oxygen Demand (BOD ₅)	
	Chemical Oxygen Demand	Chemical Oxygen Demand	
	Dissolved Organic Carbon	Total Organic Carbon	
	Phenol	Phenol	
Field Parameters		Temperature	
	pH	pH	
	Conductivity	Conductivity	
		Dissolved Oxygen	
	Monitoring well water levels	Flow	
Volatile Organic Compounds (VOC)			Acetone
			Benzene
			Bromodichloromethane
			Bromoform
			Bromomethane
			Carbon tetrachloride
			Chlorobenzene
			Chloroform

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			Dibromochloromethane
			1,2-Dichlorobenzene
			1,3-Dichlorobenzene
			1,4-Dichlorobenzene
			Dichlorodifluoromethane
			1,1-Dichloroethane
			1,2-Dichloroethane
			1,1-Dichloroethylene
			cis-1,2-Dichloroethylene
			trans-1,2-Dichloroethylene
			1,2-Dichloropropane
			cis-1,3-Dichloropropylene
			Ethylbenzene
			Ethylene dibromide
			n-Hexane
			Methyl ethyl ketone
			Methylene chloride
			Methyl isobutyl ketone
			Methyl-t-butyl ether
			Styrene
			1,1,1,2-Tetrachloroethane
			1,1,2,2-Tetrachloroethane
			Tetrachloroethylene
			Toluene
			1,1,1-Trichloroethane

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			1,1,2-Trichloroethane
			Trichloroethylene
			Vinyl chloride
			m&p-Xylene
			o-Xylene
			Xylenes, TotalSEMI
TPH			TPH (gas, fuel/lube ranges)
PAH			Acenaphthene
			Acenaphthylene
			Anthracene
			Benzo(a)anthracene
			Benzo(a)pyrene
			Benzo(b/j)fluoranthene
			Benzo(g,h,i)perylene
			Benzo(k)fluoranthene
			Chrysene
			Dibenz(a,h)anthracene
			Fluoranthene
			Fluorene
			Indeno(1,2,3-cd)pyrene
			1-Methylnaphthalene
			2-Methylnaphthalene
			Naphthalene

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Chlorophenols			Phenanthrene
			Pyrene
			2-Chlorophenol
			2,4-Dichlorophenol
			2,4-Dimethylphenol
			2,4-Dinitrophenol
			Pentachlorophenol
			Phenol
			2,4,5-Trichlorophenol
			2,4,6-Trichlorophenol