

APPENDIX 1: Analytes/Parameters and Minimum Detectable Levels

Parameter	MDL (mg/l)	Parameter	MDL (mg/l)
<b>Bacteria</b>		<b>Volatile Organic Chemicals</b>	
Total Coliform and E. Coli (Presence/Absence)		1,1-Dichloroethene	0.001
<b>Inorganics - Metals</b>		1,1-Dichloroethane	0.002
Aluminum	0.1	1,1-Dichloropropene	0.002
Arsenic	0.005	1,2-Dichlorobenzene	0.001
Barium	0.30	1,2-Dichloroethane	0.001
Cadmium	0.002	1,2-Dichloropropane	0.002
Calcium	2.0	1,3-Dichlorobenzene	0.001
Chromium	0.010	1,3-Dichloropropane	0.002
Copper	0.004	1,4-Dichlorobenzene	0.001
Iron	0.020	1,1,1-Trichloroethane	0.001
Lead	0.002	1,1,2-Trichloroethane	0.002
Lithium	0.02	1,2,3-Trichlorobenzene	0.002
Magnesium	0.10	1,2,4-Trichlorobenzene	0.002
Manganese	0.004	1,2,3-Trichloropropane	0.002
Mercury	0.001	1,1,1,2-Tetrachloroethane	0.002
Nickel	0.02	1,1,2,2-Tetrachloroethane	0.002
Potassium	1.0	2-Chlorotoluene	0.001
Selenium	0.020	2,2-Dichloropropane	0.002
Silica	0.1	4-Chlorotoluene	0.001
Silver	0.002	Acetone	0.010
Sodium	0.1	Benzene	0.001
Strontium	0.001	Bromobenzene	0.002
Zinc	0.004	Bromomethane	0.002
Antimony	0.0003	Carbon Tetrachloride	0.001
Beryllium	0.0002	Chlorobenzene	0.001
<b>Inorganic Chemicals and Physical Factors</b>		Chloroethane	0.002
Alkalinity (Total as CaCO <sub>3</sub> )	20	Chloromethane	0.002
Bromide	0.5	Cis-1,2-Dichloroethene	0.002
Chloride	5.0	Cis-1,3-Dichloropropene	0.002
Fluoride	0.5	Dibromochloropropane	0.000008
Hardness	10	Dibromomethane	0.002
Nitrate as N	0.5	Dichlorodifluoromethane	0.002
Nitrite as N	0.5	Dichloromethane	0.002
Orthophosphate	2.0	Ethylbenzene	0.001
pH (Standard Units)	-	Ethylenedibromide (EDB)	0.000004
Sulfate	5.0	Methyl Ethyl Ketone	0.010
Total Dissolved Solids	20	Methyl tert-butyl ether	0.004
Turbidity (Turbidity Units)	0.1	Styrene	0.001
<b>Trihalomethanes</b>		Tetrachloroethene (PCE)	0.002
Bromodichloromethane	0.002	Toluene	0.001
Bromoform	0.004	Trans-1,2-Dichloroethene	0.002
Chloroform	0.002	Trans-1,3-Dichloropropene	0.002
Dibromochloromethane	0.004	Trichloroethene (TCE)	0.001
Total THMs	0.002	Trichlorofluoromethane	0.002
		Vinyl Chloride	0.001
		Xylene	0.001