

## APPENDIX B

### EPA Methods of Environmental Water Analysis

**Table B-1.** Inorganic constituents of concern in water samples, the analytical methods used to determine their concentrations, and their contractual reporting limits.

Constituent of concern	Analytical method	Reporting limit <sup>(a,b)</sup>	
<b>Metals and minerals (mg/L)</b>	All alkalinities	SM 2310	1
	Aluminum	EPA 200.7 or 200.8	0.05 or 0.2
	Ammonia nitrogen (as N)	EPA 350.1 or SM 4500-NH3	0.03 or 0.1
	Antimony	EPA 204.2 or 200.8	0.005
	Arsenic	EPA 206.2 or 200.8	0.002
	Barium	EPA 200.7 or 200.8	0.025 or 0.01
	Beryllium	EPA 210.2 or 200.8	0.0005 or 0.0002
	Boron	EPA 200.7	0.05
	Bromide	EPA 300.0	0.5
	Cadmium	EPA 200.8 or SM 3113B	0.0005
	Calcium	EPA 200.7	0.5
	Chloride	EPA 300.0	1 or 0.5
	Chlorine (residual)	SM-4500-CL	0.1
	Chromium	EPA 218.2 or 200.8	0.01 or 0.001
	Chromium(VI)	EPA 218.4 or 7196	0.002
	Cobalt	EPA 200.7 or 200.8	0.025 or 0.05
	Copper	EPA 220.2, 200.7 or 200.8	0.001, 0.01 or 0.05
	Cyanide	EPA 335.2 or 4500-CN	0.02
	Fluoride	EPA 340.2 or 340.1	0.05
	Hardness, total (as CaCO <sub>3</sub> )	SM 2320B	1
	Iron	EPA 200.7 or 200.8	0.1
	Lead	EPA 200.8 or SM3113B	0.002 or 0.005
	Magnesium	EPA 200.7 or 200.8	0.5
	Manganese	EPA 200.7 or 200.8	0.03
	Mercury	EPA 245.2 or 245.1	0.0002
	Molybdenum	EPA 200.7 or 200.8	0.025
	Nickel	EPA 200.7, 200.8 or SM 3113B	0.002, 0.005 or 0.1
	Nitrate (as NO <sub>3</sub> )	EPA 353.2 300.0 or SM 4500-NO <sub>3</sub>	0.5
	Nitrite (as NO <sub>2</sub> )	EPA 353.2 or 300.0, SM 4500-NO <sub>2</sub>	0.5
	Ortho-phosphate	EPA 300.0 or SM4500	0.05
	Perchlorate	EPA 314.0	0.004
	Potassium	EPA 200.7	1
	Selenium	EPA 200.8 or SM 3113B	0.002
	Silver	EPA 200.8 or SM 3113B	0.001 or 0.0005
Sodium	EPA 200.7	1 or 0.1	
Sulfate	EPA 300.0	1	
Surfactants	SM 5540C or EPA 425.1	0.5	
Thallium	EPA 279.2 or 200.8	0.001	

## B. EPA Methods of Environmental Water Analysis

**Table B-1 (cont.).** Inorganic constituents of concern in water samples, the analytical methods used to determine their concentrations, and their contractual reporting limits.

Constituent of concern	Analytical method	Reporting limit <sup>(a,b)</sup>	
<b>Metals and minerals (mg/L) (cont.)</b>	Total dissolved solids	SM 2540C	1
	Total suspended solids	SM 2540D	1
	Total Kjeldahl nitrogen (as N)	EPA 351.2 or SM 4500-Norg	0.2
	Total phosphorus (as P)	EPA 365.4 or SM 4500-P	0.05
	Vanadium	EPA 200.7 or 200.8	0.02 or 0.025
	Zinc	EPA 200.7 or 200.8	0.02 or 0.05
<b>General indicator parameters</b>	pH (pH units)	SM 4500-H+	none
	Biochemical oxygen demand (mg/L)	SM 5210B	2
	Conductivity (µS/cm)	EPA 120.1	none
	Chemical oxygen demand (mg/L)	EPA 410.4	5
	Dissolved oxygen (mg/L)	SM 4500-O G	0.05
	Total organic carbon (mg/L)	EPA 9060 or SM 5310B	1
	Total organic halides (mg/L)	EPA 9020	0.02
	Toxicity, acute (fathead minnow)	EPA 600/4-AB5-013	NA
	Toxicity, chronic (fathead minnow)	EPA 1000	NA
	Toxicity, chronic (daphnid)	EPA 1002	NA
Toxicity, chronic (green algae)	EPA 1003	NA	
<b>Radioactivity (Bq/L)</b>	Gross alpha	EPA 900	0.074
	Gross beta	EPA 900	0.11
<b>Radioisotopes (Bq/L)</b>	Americium-241	U-NAS-NS-3050	0.0037
	Plutonium-238	U-NAS-NS-3050	0.0037
	Plutonium-239+240	U-NAS-NS-3050	0.0037
	Radon-222	EPA 913	3.7
	Radium-226	EPA 903	0.0093
	Radium-228	EPA 904	0.037
	Thorium-228	U-NAS-NS-3050	0.009
	Thorium-230	U-NAS-NS-3050	0.006
	Thorium-232	U-NAS-NS-3050	0.006
	Tritium	EPA 906	3.7
	Uranium-234	EPA 907	0.0037
	Uranium-235	EPA 907	0.0037
	Uranium-238	EPA 907	0.0037

(a) The number of decimal places displayed in this table vary by constituent. These variations reflect regulatory agency permit stipulations, or the applicable analytical laboratory contract under which the work was performed, or both.

(b) These reporting limits are for water samples with low concentrations of dissolved solids. If higher concentrations are present, limits are likely to be higher.

## B. EPA Methods of Environmental Water Analysis

**Table B-2.** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 1664</b>		Dibromochloromethane	0.2
Oil & Grease	1000	Dibromomethane	0.2
<b>EPA Method 420.1</b>		Dichlorodifluoromethane	0.2
Phenolics	5	Ethylbenzene	0.2
<b>EPA Method 502.2</b>		Freon 113	0.2
1,1,1,2-Tetrachloroethane	0.2	Hexachlorobutadiene	0.2
1,1,1-Trichloroethane	0.2	Isopropylbenzene	0.2
1,1,2,2-Tetrachloroethane	0.2	<i>m</i> - and <i>p</i> -Xylene isomers	0.2
1,1,2-Trichloroethane	0.2	Methylene chloride	0.2
1,1-Dichloroethane	0.2	<i>n</i> -Butylbenzene	0.2
1,1-Dichloroethene	0.2	<i>n</i> -Propylbenzene	0.2
1,1-Dichloropropene	0.2	Naphthalene	0.2
1,2,3-Trichlorobenzene	0.2	<i>o</i> -Xylene	0.2
1,2,3-Trichloropropane	0.2	Isopropyl toluene	0.2
1,2,4-Trichlorobenzene	0.2	<i>sec</i> -Butylbenzene	0.2
1,2,4-Trimethylbenzene	0.2	Styrene	0.2
1,2-Dichlorobenzene	0.2	<i>tert</i> -Butylbenzene	0.2
1,2-Dichloroethane	0.2	Tetrachloroethene	0.2
1,2-Dichloropropane	0.2	Toluene	0.2
1,3,5-Trimethylbenzene	0.2	<i>trans</i> -1,2-Dichloroethene	0.2
1,3-Dichlorobenzene	0.2	<i>trans</i> -1,3-Dichloropropene	0.2
1,3-Dichloropropane	0.2	Trichloroethene	0.2
1,4-Dichlorobenzene	0.2	Trichlorofluoromethane	0.2
2,2-Dichloropropane	0.2	Vinyl chloride	0.2
2-Chlorotoluene	0.2	<b>EPA Method 507</b>	
4-Chlorotoluene	0.2	Alachlor	0.5
Benzene	0.2	Atraton	0.5
Bromobenzene	0.2	Atrazine	0.5
Bromochloromethane	0.2	Bromacil	0.5
Bromodichloromethane	0.2	Butachlor	0.5
Bromoform	0.2	Diazinon	0.5
Bromomethane	0.2	Dichlorvos	0.5
Carbon tetrachloride	0.2	Ethoprop	0.5
Chlorobenzene	0.2	Merphos	0.5
Chloroethane	0.2	Metolachlor	0.5
Chloroform	0.2	Metribuzin	0.5
Chloromethane	0.2	Mevinphos	0.5
<i>cis</i> -1,2-Dichloroethene	0.2	Molinate	0.5
<i>cis</i> -1,3-Dichloropropene	0.5	Prometon	0.5

## B. EPA Methods of Environmental Water Analysis

**Table B-2 (cont.).** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 507 (cont.)</b>		Dibromomethane	1
Prometryn	0.5	Dichlorodifluoromethane	2
Simazine	0.5	Ethylbenzene	1
Terbutryn	0.5	Ethylene dibromide	1
<b>EPA Method 524.2</b>		Freon-113	1
1,1,1,2-Tetrachloroethane	1	Hexachlorobutadiene	1
1,1,1-Trichloroethane	1	Isopropylbenzene	1
1,1,2,2-Tetrachloroethane	1	<i>m</i> - and <i>p</i> -Xylene isomers	1
1,1,2-Trichloroethane	1	Methylene chloride	1
1,1-Dichloroethane	1	<i>n</i> -Butylbenzene	1
1,1-Dichloroethene	1	<i>n</i> -Propylbenzene	1
1,1-Dichloropropene	1	Naphthalene	1
1,2,3-Trichlorobenzene	1	<i>o</i> -Xylene	1
1,2,3-Trichloropropane	1	Isopropyl toluene	1
1,2,4-Trichlorobenzene	1	<i>sec</i> -Butylbenzene	1
1,2,4-Trimethylbenzene	1	Styrene	1
1,2-Dibromo-3-chloropropane	2	<i>tert</i> -Butylbenzene	1
1,2-Dichlorobenzene	1	Tetrachloroethene	1
1,2-Dichloroethane	1	Toluene	1
1,2-Dichloropropane	1	<i>trans</i> -1,2-Dichloroethene	1
1,3,5-Trimethylbenzene	1	<i>trans</i> -1,3-Dichloropropene	1
1,3-Dichlorobenzene	1	Trichloroethene	0.5
1,3-Dichloropropane	1	Trichlorofluoromethane	1
1,4-Dichlorobenzene	1	Vinyl chloride	2
2-Chlorotoluene	1	<b>EPA Method 525</b>	
4-Chlorotoluene	1	2,4-Dinitrotoluene	0.5
Benzene	1	2,6-Dinitrotoluene	0.5
Bromobenzene	1	4,4'-DDD	0.5
Bromodichloromethane	1	4,4'-DDE	0.5
Bromoform	1	4,4'-DDT	0.5
Bromomethane	2	Acenaphthylene	0.5
Carbon tetrachloride	1	Alachlor	0.5
Chlorobenzene	1	Aldrin	0.5
Chloroethane	2	Anthracene	0.5
Chloroform	1	Aroclor 1016 (PCB)	0.5
Chloromethane	2	Aroclor 1221 (PCB)	0.5
<i>cis</i> -1,2-Dichloroethene	1	Aroclor 1232 (PCB)	0.5
<i>cis</i> -1,3-Dichloropropene	1	Aroclor 1242 (PCB)	0.5
Dibromochloromethane	1	Aroclor 1248 (PCB)	0.5

## B. EPA Methods of Environmental Water Analysis

**Table B-2 (cont.).** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 525 (cont.)</b>		Isophorone	0.5
Aroclor 1254 (PCB)	0.5	Lindane	0.5
Aroclor 1260 (PCB)	0.5	Merphos	0.5
Atraton	0.5	Methoxychlor	0.5
Atrazine	0.5	Metolachlor	0.5
Benzo(a)anthracene	0.5	Metribuzin	0.5
Benzo(a)pyrene	0.5	Mevinphos	0.5
Benzo(b)fluoranthene	0.5	Pentachlorobenzene	0.5
Benzo(g,h,i)perylene	0.5	Pentachlorophenol	0.5
Benzo(k)fluoranthene	0.5	Phenanthrene	0.5
Bis(2-ethylhexyl)phthalate	0.5	Prometon	0.5
Bromacil	0.5	Prometryne	0.5
Butachlor	0.5	Propachlor	0.5
Butylbenzylphthalate	0.5	Pyrene	0.5
Chlordane	0.5	Simazine	0.5
Chloroprotham	0.5	Stirophos	0.5
Chlorpyrifos	0.5	Terbutryn	0.5
Chrysene	0.5	Toxaphene	0.5
Di (2-ethylhexyl) adipate	0.5	<b>EPA Method 547</b>	
Di-n-butylphthalate	0.5	Glyphosate	20
Diazinon	0.5	<b>EPA Method 601</b>	
Dibenzo(a,h)anthracene	0.5	1,1,1-Trichloroethane	0.5
Dichlorvos	0.5	1,1,2,2-Tetrachloroethane	0.5
Dieldrin	0.5	1,1,2-Trichloroethane	0.5
Diethylphthalate	0.5	1,1-Dichloroethane	0.5
Dimethylphthalate	0.5	1,1-Dichloroethene	0.5
Disulfoton	0.5	1,2-Dichlorobenzene	0.5
Endosulfan I	0.5	1,2-Dichloroethane	0.5
Endosulfan II	0.5	1,2-Dichloroethene (total)	0.5
Endosulfan sulfate	0.5	1,2-Dichloropropane	0.5
Endrin	0.5	1,3-Dichlorobenzene	0.5
Endrin aldehyde	0.5	1,4-Dichlorobenzene	0.5
Ethoprop	0.5	2-Chloroethylvinylether	0.5
Fluorene	0.5	Bromodichloromethane	0.5
Heptachlor	0.5	Bromoform	0.5
Heptachlor epoxide	0.5	Bromomethane	0.5
Hexachlorobenzene	0.5	Carbon tetrachloride	0.5
Hexachlorocyclopentadiene	0.5	Chlorobenzene	0.5
Indeno(1,2,3-c,d)pyrene	0.5	Chloroethane	0.5

## B. EPA Methods of Environmental Water Analysis

**Table B-2 (cont.).** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 601 (cont.)</b>		Dicamba	1
Chloroform	0.5	Dichloroprop	2
Chloromethane	0.5	Dinoseb	1
<i>cis</i> -1,2-Dichloroethene	0.5	MCPA	250
<i>cis</i> -1,3-Dichloropropene	0.5	MCPP	250
Dibromochloromethane	0.5	<b>EPA Method 624</b>	
Dichlorodifluoromethane	0.5	1,1,1-Trichloroethane	1
Freon-113	0.5	1,1,2,2-Tetrachloroethane	1
Methylene chloride	0.5	1,1,2-Trichloroethane	1
Tetrachloroethene <i>trans</i> -1,2-	0.5	1,1-Dichloroethane	1
Dichloroethene <i>trans</i> -1,3-	0.5	1,1-Dichloroethene	1
Dichloropropene	0.5	1,2-Dichlorobenzene	1
Trichloroethene	0.5	1,2-Dichloroethane	1
Trichlorofluoromethane	0.5	1,2-Dichloroethene (total)	1
Vinyl chloride	0.5	1,2-Dichloropropane	1
<b>EPA Method 608</b>		1,3-Dichlorobenzene	1
Aldrin	0.05	1,4-Dichlorobenzene	1
BHC, alpha isomer	0.05	2-Butanone	20
BHC, beta isomer	0.05	2-Chloroethylvinylether	20
BHC, delta isomer	0.05	2-Hexanone	20
BHC, gamma isomer (Lindane)	0.05	4-Methyl-2-pentanone	20
Chlordane	0.2	Acetone	10
Dieldrin	0.1	Benzene	1
Endosulfan I	0.05	Bromodichloromethane	1
Endosulfan II	0.1	Bromoform	1
Endosulfan sulfate	0.1	Bromomethane	2
Endrin	0.1	Carbon disulfide	1
Endrin aldehyde	0.1	Carbon tetrachloride	1
Heptachlor	0.05	Chlorobenzene	1
Heptachlor epoxide	0.05	Chloroethane	2
Methoxychlor	0.5	Chloroform	1
4,4'-DDD	0.1	Chloromethane	2
4,4'-DDE	0.1	<i>cis</i> -1,2-Dichloroethene	1
4,4'-DDT	0.1	<i>cis</i> -1,3-Dichloropropene	1
Toxaphene	1	Dibromochloromethane	1
<b>EPA Method 615</b>		Dibromomethane	1
2,4,5-T	0.5	Dichlorodifluoromethane	2
2,4,5-TP (Silvex)	0.2	Ethylbenzene	1
2,4-D	1	Freon 113	1
2,4-Dichlorophenoxy acetic acid	2	Methylene chloride	1
Dalapon	10		

## B. EPA Methods of Environmental Water Analysis

**Table B-2 (cont.).** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 624 (cont.)</b>		Benzo[ <i>a</i> ]p yrene	5
Styrene	1	Benzo[ <i>b</i> ]fluoranthene	5
Tetrachloroethene	1	Benzo[ <i>g,h,i</i> ]perylene	5
Toluene	1	Benzo[ <i>k</i> ]fluoranthene	5
Total xylene isomers	2	Benzoic acid	25
<i>trans</i> -1,2-Dichloroethene	1	Benzyl alcohol	10
<i>trans</i> -1,3-Dichloropropene	1	Bis(2-chloroethoxy)methane	5
Trichloroethene	0.5	Bis(2-chloroisopropyl)ether	5
Trichlorofluoromethane	1	Bis(2-ethylhexyl)phthalate	5
Vinyl acetate	1	Butylbenzylphthalate	5
Vinyl chloride	1	Chrysene	5
<b>EPA Method 625</b>		Di- <i>n</i> -butylphthalate	5
1,2,4-Trichlorobenzene	5	Di- <i>n</i> -octylphthalate	5
1,2-Dichlorobenzene	5	Dibenzo[ <i>a,h</i> ]anthracene	5
1,3-Dichlorobenzene	5	Dibenzofuran	5
1,4-Dichlorobenzene	5	Diethylphthalate	5
2,4,5-Trichlorophenol	5	Dimethylphthalate	5
2,4,6-Trichlorophenol	5	Fluoranthene	5
2,4-Dichlorophenol	5	Fluorene	5
2,4-Dimethylphenol	5	Hexachlorobenzene	5
2,4-Dinitrophenol	25	Hexachlorobutadiene	5
2,4-Dinitrotoluene	5	Hexachlorocyclopentadiene	5
2,6-Dinitrotoluene	5	Hexachloroethane	5
2-Chloronaphthalene	5	Indeno[1,2,3- <i>c,d</i> ]p yrene	5
2-Chlorophenol	5	Isophorone	5
2-Methylphenol	5	<i>m</i> - and <i>p</i> -Cresol	5
2-Methyl-4,6-dinitrophenol	25	<i>N</i> -Nitroso-di- <i>n</i> -propylamine	5
2-Methylnaphthalene	5	Naphthalene	5
2-Nitroaniline	25	Nitrobenzene	5
3,3'-Dichlorobenzidine	10	Pentachlorophenol	5
3-Nitroaniline	25	Phenanthrene	5
4-Bromophenylphenylether	5	Phenol	5
4-Chloro-3-methylphenol	10	Pyrene	5
4-Chloroaniline	10	<b>EPA Method 632</b>	
4-Chlorophenylphenylether	5	Diuron	0.1
4-Nitroaniline	25	<b>EPA Method 8082</b>	
4-Nitrophenol	25	Polychlorinated biphenyls (PCBs)	0.5
Acenaphthene	25	<b>EPA Method 8140</b>	
Acenaphthylene	5	Bolstar	1
Anthracene	5	Chlorpyrifos	1
Benzo[ <i>a</i> ]anthracene	5	Coumaphos	1
		Demeton	1
		Diazinon	1

## B. EPA Methods of Environmental Water Analysis

**Table B-2 (cont.).** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 8140 (cont.)</b>		Chlorobenzene	0.5
Dichlorvos	1	Chloroethane	0.5
Disulfoton	1	Chloroform	0.5
Ethoprop	1	Chloromethane	0.5
Fensulfothion	1	Chloroprene	5
Fenthion	1	Dibromochloromethane	0.5
Merphos	1	Dichlorodifluoromethane	0.5
Methyl Parathion	1	Ethanol	1000
Mevinphos	1	Ethylbenzene	0.5
Naled	1	Freon-113	0.5
Phorate	1	Methylene chloride	0.5
Prothiophos	1	Styrene	0.5
Ronnel	1	Tetrachloroethene	0.5
Stirophos	1	Toluene	0.5
Trichloronate	1	Total xylene isomers	0.5
<b>EPA Method 8260</b>		Trichloroethene	0.5
1,1,1,2-Tetrachloroethane	0.5	Trichlorofluoromethane	0.5
1,1,1-Trichloroethane	0.5	Vinyl acetate	20
1,1,2,2-Tetrachloroethane	0.5	Vinyl chloride	0.5
1,1,2-Trichloroethane	0.5	<i>cis</i> -1,2-Dichloroethene	0.5
1,1-Dichloroethane	0.5	<i>cis</i> -1,3-Dichloropropene	0.5
1,1-Dichloroethene	0.5	<i>trans</i> -1,2-Dichloroethene	0.5
1,2,3-Trichloropropane	0.5	<i>trans</i> -1,3-Dichloropropene	0.5
1,2-Dibromo-3-chloropropane	0.5	<b>EPA Method 8290</b>	
1,2-Dichloroethane	0.5	1,2,3,4,6,7,8-HpCDD	0.00025
1,2-Dichloroethene (total)	0.5	1,2,3,4,6,7,8-HpCDF	0.00025
1,2-Dichloropropane	0.5	1,2,3,4,7,8,9-HpCDF	0.00025
2-Butanone	0.5	1,2,3,4,7,8-HxCDF	0.00025
2-Chloroethylvinylether	0.5	1,2,3,6,7,8-HxCDD	0.00025
2-Hexanone	0.5	1,2,3,6,7,8-HxCDF	0.00025
4-Methyl-2-pentanone	0.5	1,2,3,7,8,9-HxCDD	0.00025
Acetone	10	1,2,3,7,8,9-HxCDF	0.00025
Acetonitrile	100	1,2,3,7,8-PeCDD	0.0001
Acrolein	50	1,2,3,7,8-PeCDF	0.0001
Acrylonitrile	50	2,3,4,6,7,8-HxCDF	0.00025
Benzene	0.5	2,3,4,7,8-PeCDF	0.0001
Bromodichloromethane	0.5	2,3,7,8-TCDD	0.0001
Bromoform	0.5	2,3,7,8-TCDF	0.0001
Bromomethane	0.5	OCDD	0.0005
Carbon disulfide	5	OCDF	0.0005
Carbon tetrachloride	0.5		



## B. EPA Methods of Environmental Water Analysis

**Table B-2 (cont.).** Organic constituents of concern in water samples and their contractual reporting limits of concentration, sorted by analytical method.

Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>	Constituent of concern	Reporting limit (µg/L) <sup>(a,b)</sup>
<b>EPA Method 8330B</b>	5 or 1	<b>EPA Method 9131 or Standard Method 9221</b>	MPN <sup>(f)</sup> /100mL
HMX <sup>(c)</sup>	5 or 1	Fecal coliform bacteria	1 to 2
RDX <sup>(d)</sup>	5	Total coliform bacteria	1 to 2
TNT <sup>(e)</sup>	0.0001		

- (a) The number of decimal places displayed in this table vary by constituent. These variations reflect regulatory agency permit stipulations, the applicable analytical laboratory contract under which the work was performed, or both.
- (b) These reporting limits are for water samples with low concentrations of dissolved solids. If higher concentrations are present, limits are likely to be higher.
- (c) HMX is octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine.
- (d) RDX is hexahydro-1,3,5-trinitro-1,3,5-triazine.
- (e) TNT is 2,4,6-trinitrotoluene.
- (f) MPN = most probable number (of organisms).