

Table 2-11a
Inorganic Constituents, THMs, Radioactivity with Primary MCLs

Constituent	Observations At or Above 1/2*MCL	Wells w/ Observations At or Above 1/2*MCL	Observations At or Above MCL	Wells w/ Observations At or Above MCL	MCL
<i>Inorganic Chemicals</i>					
Aluminum	2	2	0	0	1 mg/L
Antimony	0	0	0	0	0.006 mg/L
Arsenic	8	1	0	0	0.05 mg/L
Asbestos	0	0	0	0	0.05 mg/L
Barium	0	0	0	0	1 mg/L
Beryllium	7	5	2	1	0.004 mg/L
Cadmium	17	8	5	4	0.005 mg/L
Chromium	16	10	7	5	0.05 mg/L
Cyanide	0	0	0	0	0.2 mg/L
Fluoride	302	51	160	30	2 mg/L
Mercury	4	3	2	2	0.002 mg/L
Nickel	2	2	0	0	0.1 mg/L
Nitrate (as N)	4165	513	2053	322	10 mg/L
Selenium	3	1	3	1	0.05 mg/L
Thallium	0	0	0	0	0.002 mg/L
<i>Total Trihalomethanes</i>					
Total Trihalomethanes ^a	0	0	0	0	0.1 mg/L
Bromodichloromethane (THM)	0	0	0	0	see THM
Bromoform (THM)	0	0	0	0	see THM
Chloroform (THM)	0	0	0	0	see THM
Dibromochloromethane (THM)	0	0	0	0	see THM
<i>Radioactivity</i>					
Gross Alpha Particle Activity	39	16	11	7	15 pCi/L
Gross Beta Particle Activity	0	0	0	0	50 pCi/L
Radium-226 and 228 ^b	0	0	0	0	pCi/L
Strontium-90	0	0	0	0	8 pCi/L
Tritium	0	0	0	0	20,000 pCi/L
Uranium	5	3	0	0	20 pCi/L

(a) Includes individual THM constituents analyzed separately

(b) Radium-226 MCL is 3 pCi/L; Radium-228 MCL is 2 pCi/L

Table 2-11b
Organic Chemicals with Primary MCLs

Constituent	Observations At or Above 1/2*MCL	Wells w/ Observations At or Above 1/2*MCL	Observations At or Above MCL	Wells w/ Observations At or Above MCL	MCL
<i>Organic Chemicals</i>					
1,1,1-Trichloroethane (1,1,2-TCA)	0	0	0	0	0.2 mg/L
1,1,2,2-Tetrachloroethane	0	0	0	0	0.001 mg/L
1,1,2-Trichloro-1,2,2-Trifluoroethane	0	0	0	0	1.2 mg/L
1,1,2-Trichloroethane (1,1,2-TCA)	0	0	0	0	0.005 mg/L
1,1-Dichloroethane	34	7	22	7	0.005 mg/L
1,1-Dichloroethylene	497	18	355	13	0.006 mg/L
1,2,4-Trichlorobenzene	0	0	0	0	0.07 mg/L
1,2-Dichlorobenzene	0	0	0	0	0.6 mg/L
1,2-Dichloroethane	134	77	122	76a	0.0005 mg/L
1,2-Dichloropropane	1	1	0	0	0.005 mg/L
1,3-Dichloropropane	0	0	0	0	0.0005 mg/L
1,4-Dichlorobenzene	3	2	2	1	0.005 mg/L
2,3,7,8-TCDD (Dioxin)	0	0	0	0	0.00000003 mg/L
2,4,5,-TP (Silvex)	0	0	0	0	0.05 mg/L
2,4-D	0	0	0	0	0.07 mg/L
Alachlor	0	0	0	0	0.002 mg/L
Atrazine	0	0	0	0	0.003 mg/L
Bentazon	0	0	0	0	0.018 mg/L
Benzene	155	89	43	23	0.001 mg/L
Benzo(a)Pyrene	0	0	0	0	0.0002 mg/L
Carbofuran	0	0	0	0	0.018 mg/L
Carbon Tetrachloride	1	1	1	1	0.0005 mg/L
Chlordane	0	0	0	0	0.0001 mg/L
cis-1,2-Dichloroethylene	9	3	4	1	0.006 mg/L
Di (2-ethylhexyl) Adipate	0	0	0	0	0.4 mg/L
Di(2-Ethylhexyl)Phthalate	25	10	25	10	0.004 mg/L
Dibromochloropropane (DBCP)	1068	45	758	41	0.0002 mg/L
Dinosep	0	0	0	0	0.007 mg/L
Diquat	0	0	0	0	0.02 mg/L
Endothal	0	0	0	0	0.1 mg/L
Endrin	0	0	0	0	0.002 mg/L
Ethylbenzene	0	0	0	0	0.7 mg/L
Ethylene Dibromide (EDB)	3	3	1	1	0.00005 mg/L
Glyphosate	0	0	0	0	0.7 mg/L
Heptachlor	0	0	0	0	0.00001 mg/L
Heptachlor Epoxide	0	0	0	0	0.00001 mg/L
Hexachlorobenzene	0	0	0	0	0.001 mg/L
Hexachlorocyclopentadiene	0	0	0	0	0.05 mg/L
Lindane (gamma-BHC)	61	46	20	15	0.0002 mg/L
Methoxychlor	0	0	0	0	0.04 mg/L
Molinate	0	0	0	0	0.02 mg/L
Monochlorobenzene	0	0	0	0	0.07 mg/L
Oxamyl	0	0	0	0	0.2 mg/L
Pentachlorophenol	0	0	0	0	0.001 mg/L
Picloram	0	0	0	0	0.5 mg/L
Polychlorinated Biphenyls (PCB's)	0	0	0	0	0.0005 mg/L
Simazine	0	0	0	0	0.004 mg/L
Styrene	0	0	0	0	0.1 mg/L
Tetrachloroethene (PCE)	521	59	198	54	0.005 mg/L
Thiobencarb	0	0	0	0	0.07 mg/L
Toluene	0	0	0	0	0.15 mg/L
Toxaphene	0	0	0	0	0.003 mg/L
trans-1,2-Dichloroethylene	0	0	0	0	0.01 mg/L
Trichloroethene (TCE)	1022	85	699	74	0.005 mg/L
Trichlorofluoromethane	0	0	0	0	0.15 mg/L
Vinyl chloride	154	81	136	79	0.0005 mg/L
Xylene	0	0	0	0	1.75 mg/L

(a) 67 wells at MCL only 2 wells have elevated results

Table 2-11c
Inorganic Constituents, Organic Chemicals with Secondary MCLs;
Lead and Copper Rule; and Constituents with DHS Action Levels

Constituent	Observations At or Above 1/2*MCL	Wells w/ Observations At or Above 1/2*MCL	Observations At or Above MCL	Wells w/ Observations At or Above MCL	MCL
<i>Secondary MCL</i>					
Foaming Agents (MBAS)	41	22	37	19	0.5 mg/L
Iron	104	48	54	28	0.3 mg/L
Manganese	317	45	285	24	0.05 mg/L
Silver	1	1	1	1	0.1 mg/L
Total Dissolved Solids (TDS) ^b	2978	522	1077	219	500 mg/L
Total Dissolved Solids (TDS) ^c	1077	219	119	44	1,000 mg/L
Zinc	1	1	0	0	5 mg/L
<i>Lead and Copper Rule</i>					
Copper	1	1	0	0	1 mg/L
Lead	62	25	24	14	0.015 mg/L
<i>DHS Action Levels</i>					
Inorganics					
Boron	122	47	48	19	1 mg/L
Perchlorate	7	4	1	1	0.018 mg/L
Organics					
1,3-Dichlorobenzene	0	0	0	0	0.13 mg/L
2,4-Dimethylphenol	0	0	0	0	0.4 mg/L
2-Chlorotoluene	0	0	0	0	0.045 mg/L
4-Chlorotoluene	0	0	0	0	0.045 mg/L
a-Benzene Hexachloride	0	0	0	0	0.0007 mg/L
Aldicarb	0	0	0	0	0.01 mg/L
Aldrin	0	0	0	0	0.00005 mg/L
Baygon	0	0	0	0	0.09 mg/L
b-Benzene Hexachloride	0	0	0	0	0.0003 mg/L
Captan	0	0	0	0	0.35 mg/L
Carbaryl	0	0	0	0	0.06 mg/L
Diazinon	0	0	0	0	0.014 mg/L
Dichlorodifluoromethane	0	0	0	0	1 mg/L
Dieldrin	0	0	0	0	0.00005 mg/L
Dimethoate	0	0	0	0	0.14 mg/L
Diphenamide	0	0	0	0	0.04 mg/L
Ethion	0	0	0	0	0.035 mg/L
Formaldehyde	0	0	0	0	0.03 mg/L
Heptachlor	0	0	0	0	0.05 mg/L
Isopropyl N Carbamate	0	0	0	0	0.035 mg/L
Malathion	0	0	0	0	0.16 mg/L
Methyl Isobutyl Ketone	0	0	0	0	0.04 mg/L
Methyl Parathion	0	0	0	0	0.03 mg/L
Methyl-Tert-Butyl Ether	0	0	0	0	0.035 mg/L
n-Butylbenzene	0	0	0	0	0.045 mg/L
Parathion	0	0	0	0	0.03 mg/L
Pentachloronitrobenzene	0	0	0	0	0.0009 mg/L
Phenol	6	2	5	2	0.005 mg/L
Trithion	0	0	0	0	0.007 mg/L

(a) Not including constituents contained in Primary MCL standards

(b) Recommended Secondary MCL Range of 500 mg/l

(c) Upper Secondary MCL Range of 1,000 mg/l