

**REGULATED INORGANIC CHEMICALS (IOCs)  
40 CFR 141.62 ( b )**

**PHASE II**

Contaminant		Method	MCL (mg/L) parts per million	MCL (µg/L) parts per billion
(1)	1025 FLUORIDE	300.0, 4110B, 380-75WE, D4327-97, D1179-93B, 29-71W, 4500-F B/C/D/E	4.0	
(2)	1010 BARIUM	200.7, 200.8, 3111D, 3113B, 3120B	2	
(3)	1015 CADMIUM	200.7, 200.8, 200.9, 3113B	0.005	5
(4)	1020 CHROMIUM	200.7, 200.8, 200.9, 3113B, 3120B	0.1	100
(5)	1035 MERCURY	245.1, 245.2, 200.8, 3112B, D3223-97	0.002	2
(6)	1045 SELENIUM	200.8, 200.9, 3113B, 3114B, D3859-98A/B	0.05	50
(7)	1040 NITRATE	300.0, 353.2, 4110B, 601, B-1011, 4500-NO <sub>3</sub> <sup>-</sup> D/E/F, D3867-90A/B, D4327-97	10 (as N)	
(8)	1041 NITRITE	300.0, 353.2, D4327-97, D3867-90A/B, 4110B, 4500-NO <sub>2</sub> <sup>-</sup> E/F, B-1011, 4500-NO <sub>2</sub> <sup>-</sup> B	1 (as N)	
(9)	1038 TOTAL NITRATE + NITRITE	See above	10 (as N)	
(10)	1094 ASBESTOS	100.1, 100.2	7 MILLION FIBERS/L LONGER THAN 10µm	
<b>PHASE V</b>				
(1)	1074 ANTIMONY	200.8, 200.9, 3113B, D3697-92	0.006	6
(2)	1075 BERYLLIUM	200.7, 200.8, 200.9 3120B, 3113B, D3645-97B	0.004	4
(3)	1024 CYANIDE	335.4, I-3300-85, 4500-CN C/E/G/F	0.2	200
(4)	1036 NICKEL	200.7, 200.8, 200.9, 3111B, 3113B, 3120B	0.1 (remanded 2/9/95)	100
(5)	1085 THALLIUM	200.8, 200.9	0.002	2
<b>40 CFR 141.11 ( a )</b>				
(6)	1005 ARSENIC (January 23, 2006)	200.8, 200.9, D2972-97B/C 3113B, 3114B,	0.010	10.0

SECONDARY DRINKING WATER STANDARDS NAC 445A.455		
Contaminant	Method	MCL (mg/L) parts per million
(1) 1002 ALUMINUM	200.7, 200.8, 200.9, 3111D, 3113B, 3120B	0.2
(2) 1017 CHLORIDE	300.0, 4110B, 4500-Cl <sup>-</sup> B/D, D4327-97, D512-89B	400.0
(3) 1905 COLOR	2120B	15.0 (color units)
(4) 1022 COPPER	200.7, 200.8, 200.9, 3111B, 3113B, 3120B, D1688-95A/C	1.0
(5) 1025 FLUORIDE	300.0, 4110B, 380-75WE, D4327-97, D1179-93B, 29-71W, 4500-F <sup>-</sup> B/C/D/E	2.0
(6) 1089 FOAMING AGENTS (MBAS)	5540C	0.5
(7) 1028 IRON	200.7, 200.9, 3111B, 3113B, 3120B	0.6
(8) 1031 MAGNESIUM	200.7, 3111B, 3120B D511-93 A/B, 3500-Mg B/E	150.0
(9) 1032 MANGANESE	200.7, 200.8, 200.9, 3111B, 3113B, 3120B	0.1
(10) 1920 ODOR	2150B	3.0 (TON)
(11) 1925 pH	150.1, 150.2, 4500-H <sup>+</sup> -B, D1293-95	6.5 – 8.5
(12) 1050 SILVER	200.7, 200.8, 200.9, 3111B, 3113B, 3120B, I-3720-85	0.10
(13) 1055 SULFATE	300.0, 375.2, D4327-97, 4110B, D516-90, 4500-SO <sub>4</sub> <sup>2-</sup> C/E/F	500.0
(14) 1930 TOTAL DISSOLVED SOLIDS (TDS)	2540C	1,000.00
(15) 1095 ZINC	200.7, 200.8, 3111B, 3120B	5.0
SPECIAL MONITORING		
1052 SODIUM	200.7, 3111B	

LEAD AND COPPER RULE 40 CFR 141.23		
Contaminant	Method	AL (mg/L) parts per million
1022 COPPER	200.7, 200.8, 200.9, 3113B, 3113B, 3120B, D1688-95A/C	1.3
1030 LEAD	200.8, 200.9, 3113B, 1001, D3559-96D	0.015

RADIONUCLIDES 40 CFR 141.15 AND 141.16		
Contaminant	Method	MCL
Radium-226 and Radium 228	903.1, 903.0, 904.0, et al. (see CFR p.382)	5 picocuries /liter
Annual average Gross Alpha particle activity	7500-Ra C, 904.0, 304	15 (pCi/L)
Annual average Beta and photon particle radioactivity (Applicable only to community surface public water systems serving greater than 100,000 persons)	900.0, 302, 7110B	Annual dose equivalent to the human body or any internal organ may not exceed 4 millirems/year
Uranium	200.8, 908.0, 908.1, et al. (see CFR p.382)	30 (µg/L)

**DISINFECTANT RESIDUALS/DISINFECTION BYPRODUCTS  
(TTHM/HAA5/BROMATE)  
40 CFR 141.30 THROUGH 141.135**

<b>System</b>	<b>Byproduct</b>	<b>Method</b>	<b>MCL (ppm) parts per million</b>
All community and non-transient non-community systems that add a chemical disinfectant to the water	TTHM	502.2, 524.2, 551.1	0.080
	HAA5	552.1, 552.26251 B	0.060
All community and non-transient non-community systems that use ozone	BROMATE	300.1	0.010
All public water systems that use chlorine dioxide	CHLORITE	300.0, 300.1, 4500-ClO <sub>2</sub> E	1.0
<b>System</b>	<b>Disinfectant</b>	<b>Method</b>	<b>Maximum Residual Disinfectant Level MRDL (ppm) parts per million</b>
All community and non-transient non-community systems that use chlorine or chloramines must monitor and record residuals at the same time and location as for Total Coliform Rule monitoring	CHLORINE (AS FREE CHLORINE)	4500-Cl D/F/G/H	4.0 (as Cl <sub>2</sub> )
	CHLORINE (AS TOTAL CHLORINE)	4500-Cl D/E/F/G/I	4.0 (as Cl <sub>2</sub> )
	CHLORAMINE (AS COMBINED CHLORINE)	4500-Cl D/F/G	4.0 (as Cl <sub>2</sub> )
	CHLORAMINE (AS TOTAL CHLORINE)	4500-Cl D/E/F/G/I	4.0 (as Cl <sub>2</sub> )
All public water systems that use chlorine dioxide	CHLORINE DIOXIDE	4500-ClO <sub>2</sub> C/D/E	0.8 (as ClO <sub>2</sub> )

**REGULATED SYNTHETIC ORGANIC CHEMICALS (SOCs)  
40 CFR 141.61 (c)**

**PHASE II**

	<b>Contaminant</b>	<b>Method</b>	<b>MCL (mg/L) parts per million</b>	<b>MCL (µg/L) parts per billion</b>
(1)	2051 ALACHLOR	505, 507, 525.2, 508.1, 551.1	0.002	2
(2)	2050 ATRAZINE	505, 508.1, 525.2, 551.1	0.003	3
(3)	2046 CARBOFURAN	531.1, 6610	0.04	40
(4)	2959 CHLORDANE	505, 508, 525.2, 508.1	0.002	2
(5)	2931 DIBROMOCHLOROPROPANE	504.1, 551.1	0.0002	0.2
(6)	2946 ETHYLENE DIBROMIDE	504.1, 551.1	0.00005	0.05
(7)	2065 HEPTACHLOR	505, 508, 525.2, 508.1, 551.1	0.0004	0.4
(8)	2067 HEPTACHLOR EPOXIDE	505, 508, 525.2, 508.1, 551.1	0.0002	0.2
(9)	2010 LINDANE	505, 508, 525.2, 508.1, 551.1	0.0002	0.2
(10)	2015 METHOXYCHLOR	505, 508, 525.2, 508.1, 551.1	0.04	40
(11)	2383 POLYCHLORINATED BIPHENYLS	508A	0.0005	0.5
(12)	2326 PENTACHLOROPHENOL	515.2, 525.2, 555, 515.1, 515.3, 515.4	0.001	1
(13)	2020 TOXAPHENE	505, 508, 525.2, 508.1	0.003	3
(14)	2105 2,4-D	515.2, 555, 515.1, 515.3, 515.4, D5317-93	0.07	70
(15)	2110 2,4,5-TP (Silvex)	515.2, 555, 515.1, 515.3, 515.4, D5317-93	0.05	50

**PHASE V**

(1)	2306 BENZO(a)PYRENE	525.2, 550, 550.1	0.0002	0.2
(2)	2031 DALAPON	552.1, 552.2, 515.1, 515.3, 515.4	0.2	200
(3)	2035 DI(2-ETHYLHEXYL)ADIPATE	506, 525.2	0.4	400
(4)	2039 DI(2-ETHYLHEXYL)PHTHALATE	506, 525.2	0.006	6
(5)	2041 DINOSEB	515.2, 555, 515.1, 515.3, 515.4	0.007	7
(6)	2032 DIQUAT	549.2	0.02	20
(7)	2033 ENDOTHALL	548.1	0.1	100
(8)	2005 ENDRIN	505, 508, 525.2, 508.1, 551.1	0.002	2
(9)	2034 GLYPHOSATE	547, 6651	0.7	700
(10)	2274 HEXACHLOROBENZENE	505, 508, 525.2, 508.1, 551.1	0.001	1
(11)	2042 HEXACHLOROCYCLOPENTADIENE	505, 525.2, 508, 508.1, 551.1	0.05	50
(12)	2036 OXAMYL (VYDATE)	531.1, 531.2, 6610	0.2	200
(13)	2040 PICLORAM	515.2, 555, 515.1, 515.3, 515.4	0.5	500
(14)	2037 SIMAZINE	505, 507, 525.2, 508.1, 551.1	0.004	4
(15)	2063 2,3,7,8-TCDD (DIOXIN)	1613	3 x 10 <sup>-5</sup>	

REGULATED VOLATILE ORGANIC CHEMICALS (VOCs) 40 CFR 141.61 ( a )				
PHASE I AND II				
	Contaminant	Method	MCL (mg/L) parts per million	MCL (µg/L) parts per billion
(1)	2990 BENZENE	502.2, 524.2	0.005	5
(2)	2982 CARBON TETRACHLORIDE	502.2, 524.2, 551.1	0.005	5
(3)	2989 CHLOROBENZENE	502.2, 524.2	0.1	100
(4)	2968 1,2-DICHLOROBENZENE (ortho-)	502.2, 524.2	0.6	600
(5)	2969 1,4-DICHLOROBENZENE (para-)	502.2, 524.2	0.075	75
(6)	2980 1,2-DICHLOROETHANE	502.2, 524.2	0.005	5
(7)	2978 1,1-DICHLOROETHYLENE	502.2, 524.2	0.007	7
(8)	2380 CIS-1,2-DICHLOROETHYLENE	502.2, 524.2	0.07	70
(9)	2979 TRANS-1,2-DICHLOROETHYLENE	502.2, 524.2	0.1	100
(10)	2983 1,2-DICHLOROPROPANE	502.2, 524.2	0.005	5
(11)	2992 ETHYLBENZENE	502.2, 524.2	0.7	700
(12)	2996 STYRENE	502.2, 524.2	0.1	100
(13)	2987 TETRACHLOROETHYLENE (PCE)	502.2, 524.2, 551.1	0.005	5
(14)	2991 TOLUENE	502.2, 524.2	1	1,000
(15)	2981 1,1,1-TRICHLOROETHANE	502.2, 524.2, 551.1	0.2	200
(16)	2984 TRICHLOROETHYLENE (TCE)	502.2, 524.2, 551.1	0.005	5
(17)	2976 VINYL CHLORIDE	502.2, 524.2	0.002	2
(18)	2955 XYLENES (TOTAL)	502.2, 524.2	10	10,000
PHASE V				
(1)	2964 DICHLOROMETHANE	502.2, 524.2	0.005	5
(2)	2378 1,2,4-TRICHLOROBENZENE	502.2, 524.2	0.07	70
(3)	2985 1,1,2-TRICHLOROETHANE	502.2, 524.2, 551.1	0.005	5